



**B R A Z I L I A N   A E R O S P A C E**  
**I N D U S T R Y   C A T A L O G U E**

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Leonidas de Araujo Medeiros Junior

**Secretaria de Empreendedorismo e Inovação - SEMPI**

Paulo César Rezende de Carvalho Alvim

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## INTRODUCTION

The Guide - **Brazilian Aerospace Industry Catalog** - aims to help entrepreneurs and the foreign public to identify the companies and institutes of science and technology, associations and organizations that constitute the Brazilian Aerospace Innovation Ecosystem. Brazil has the capacity to dream, design, develop and produce fixed or rotary wing aircraft, embedded systems, satellites, or rockets through the companies included in this Guide. And this is already in the ADN of our companies, engineers, and researchers since the first publicly achieved flight of an artifact heavier than air made by Santos Dumont on September 7, 1906 in Paris.

It was sparked within the Bilateral Cooperation Brazil-Sweden of the High Level Group in Aeronautics (HLG) in order to produce a greater engagement by the Brazilian and Swedish companies in the cooperation allowing the aerospace sector ecosystem to benefit from a Triple Helix relationship between government, business and academia. This HLG was formed in 2015 with the aim of both countries benefiting from the technological spillovers of the GRIPEN fighter project and expanding technological development in the aeronautical sector.

This Guide of the Brazilian Aerospace Ecosystem include basic information to users to reach this companies and organizations that aim to produce Research, Technical Development, and Innovation to produce new products and services into the aerospace sector. It will serve to facilitate the promotion of these companies and organizations abroad through new partnerships in Research, Development, and Innovation.

We are grateful to the various institutions and companies that supported this initiative by the Ministry of Science, Technology and Innovation that appear on the back cover of this publication, as well as to colleagues from other Ministries. Without such important support, we would not have achieved the goal of building this Guide. We hope that you can access these companies and through Science, Technology and Innovation can make new partnerships and businesses, which produce more wealth and well-being for society. Enjoy.

Brasília September 2020.

**Marcos Pontes**

Minister of Science, Technology and Innovation

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Telefone: (61) 2033-8272

# Acrux Aerospace Technologies

## COMPANY DESCRIPTION

A very innovative company, founded in 2008 at Brazilian aerospace incubator, firstly idealized to solve problems in aerospace sector. Our expertise enabled us to work in dozens of very challenging projects, from small rockets, stratospheric balloons and customized solar panels to carbon fiber drones. During this period of learning and maturation, our company had many great opportunities to develop social activities in educational field, to motivate and inspire the new generation to go forward.

## MAIN PRODUCTS & SERVICES

- Structures
- Avionics
- Composite
- Devices, Aircraft parts
- Engineering Services
- Engine Systems and Equipment
- Ground Support Equipment
- Integrations Services
- Machining
- Mechanical Hardware
- Research and Development
- Original Equipment Manufacturer
- Space Systems and Equipment
- Training
- Miscellaneous/Others

## INDUSTRIES THAT APPLIED

- UAVs & GCS from Multirotors to 45kg MTOW Fixed Wing UAV Sounding Rockets, Launchers components & Ground Support
- Satellite, Spacecraft, satellite telecommunications

## TECHNOLOGY PARTNERSHIP INTEREST

- Looking to find suitable partners to develop new vehicles and services, as explore new markets

## ADDRESS

Rua Pardino 55  
Osasco /SP  
CEP: 06240010

## MAIN CONTACT

Dr. Oswaldo B. Loureda  
Chief Technology Officer  
oswaldobl@acruxtech.com.br • +55 045 99849 1000





## Advantage Engenharia Ltda

### COMPANY DESCRIPTION

Advantage Engenharia was founded in 2015 and is specialized in fast prototyping and production of parts in composite materials (aramid, carbon fiber and fiberglass). We work on our clients' needs and provide engineering solutions to manufacture functional prototype and composite parts. Our process includes vacuum bagging and other methods we've developed in house to manufacture complex parts.

The manufacturing process and molding tools are discussed with our clients and to reach the best results we can choose from 3D printed, machined or composite molds. This makes our production process also effective for custom parts and low production volume.

Along those years Advantage Engenharia had developed and manufactured winglets, cowlings, air cooling system and fuel tanks in composite materials for aircraft. Some of our client's projects manufactured by us includes radomes, fairings, cowlings and kits to improve aerodynamic performance.

### MAIN PRODUCTS & SERVICES

- Composite
- Devices, Aircraft parts
- Engineering Services
- Raw Material Supplies

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Design / manufacturing of parts in composite materials
- Militar Defense - Design / manufacturing of custom parts in composite material
- Services - Prototyping and repair of composite parts

### ADDRESS

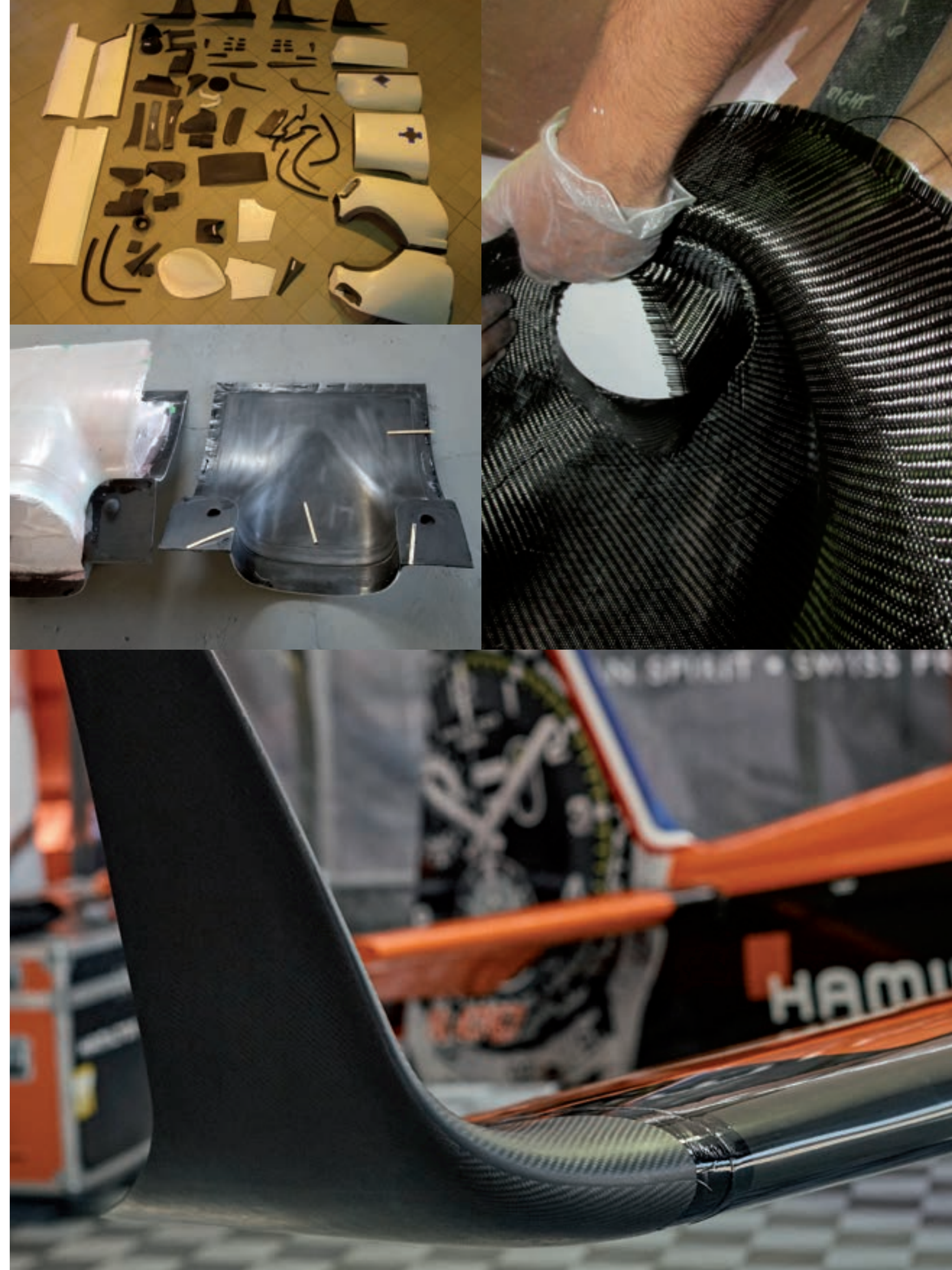
Rua Clarinda Nunes - Alto social  
Felixlândia - Minas Gerais  
CEP: 39.237-000

### TECHNOLOGY PARTNERSHIP INTEREST

- Advantage Engenharia is looking for technology partners and has interest about developing new manufacturing process using different and ecofriendly materials related to the company core business. A long term partnership to produce parts and knowhow with companies and universities

### MAIN CONTACT

Julliardy Daniel Matoso Santos  
Director of Engineering  
matoso@advantageaero.com.br • +55 (31) 99311-4740





## AEL Sistemas S.A.

### COMPANY DESCRIPTION

AEL Sistemas is a Brazilian company that for almost 40 years, has been dedicated to the design, development, manufacture, maintenance and logistical support of electronic systems, for applications in land, sea, aerial and space platforms.

Using state-of-the-art technologies and advanced knowledge, modern infrastructure and systematic training, AEL develops and produces reliable and innovative solutions, with its internationally recognized products and services.

Considered a center of excellence in defense and aerospace technology, since 2001, AEL SISTEMAS S.A. is part of the Elbit Systems group, world leader in the defense segment. AEL is part of the main strategic projects of the Brazilian Armed Forces, such as the Gripen NG, KC-390, Guarani and SISFRON - Integrated Border Monitoring System. Through advanced technologies and knowledge, modern infrastructure and systematic training, AEL produces cutting edge, reliable and innovative solutions, with the quality of its internationally accredited products and services.

### MAIN PRODUCTS & SERVICES

- Avionics
  - Certification
  - Advanced Defense Systems
  - Electro-optical Sensors
  - Tactical Communication Systems
  - Integrated Logistics Support
  - Engineering Services
  - Electrical Hardware Supplies, Cabling Harness
  - Electronic Systems
  - Flight Simulators, Trainers
  - Ground Support Equipment
  - In-Flight Data Acquisition and Analysis
  - Integrations Services
  - Logistics
  - Maintenance, Repair and Overhaul
  - Navigation Systems and Equipment
  - Research and Development
  - Software Development
  - Space Systems and Equipment
  - Surveillance
  - Technical Support
  - Testing and Certification
  - Training
- Satellite, Spacecraft, Satellite telecommunications - Design, development, production and qualification of electronic systems for satellites.
  - Militar Defense - Avionics and Mission Systems for fighters (OEM's and A/C modernization); Planning, Debriefing and Simulation for Mission Systems; Tactical Communication (SDR & Datalink); Special mission capabilities (i.e. Low Level fly – Terrain Following).
  - Pilot & nav aids and onboard equipment systems - Design and development of avionics systems – Displays, Large Area Displays, Head Up Displays; Enhanced Vision System; Direct Infra-Red Counter Measure; Self-protection System; Head Mounted Displays;
  - Maintenance, product support and spares, transport - Maintenance, Logistical support and total care services including rapid replacement of equipment and parts, including inventory management.
  - Services - Maintenance and Integrates Logistic Support Services Design, development and production of simulation systems for aerial and terrestrial platforms.

### TECHNOLOGY PARTNERSHIP INTEREST

- High tech aerospace systems development
- Avionics, electronics, electro-optical and communication systems development & integration in platforms
- Platforms Modernization
- Integrated Logistic Support

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Design and development, Certification, Production, Training and Maintenance of avionics and other electronic systems.

### ADDRESS

Av. Sertório 4400 – Bairro Jardim Floresta  
Porto Alegre - RS  
CEP: 91040-620

### MAIN CONTACT

Mauro Beirão  
Marketing & Business Development Manager  
mbeirao@ael.com.br • +55 51 2101-1269 / +55 51 99151-2337





# Aeromot – Aeronaves e Motores S.A.

## COMPANY DESCRIPTION

Aeromot Aeronaves e Motores S.A has been present in the aeronautical market since 1967. The headquarter is located in Porto Alegre / RS with a branch in Belo Horizonte / MG - Brazil. The company is a national leader in the field of ISR (Intelligence, Surveillance and Reconnaissance) projects and one of the leading companies in the aviation industry that provides differentiated technological solutions for the most diverse aeronautical markets, such as civil, military and Brazilian law enforcement agencies. The Ministry of Defense in Brazil considers the company a Strategic Defense Company.

## MAIN PRODUCTS & SERVICES

- Structures
- Avionics
- Advanced Defense Systems
- Assembly
- Certification
- Communication Systems
- Devices, Aircraft parts
- Documentation
- Engineering Services
- Engine Systems and Equipment
- Electrical Hardware Supplies, Cabling Harness
- Electronic Systems
- Fuel and Fuel Systems
- Geoprocessing, Remote Sensing
- In-Flight Data Acquisition and Analysis
- Integrations Services
- Logistics
- Maintenance, Repair and Overhaul
- Mechanical Hardware
- Navigation Systems and Equipment
- Painting
- Research and Development
- Original Equipment Manufacturer
- Surveillance
- Technical Support
- Testing and Certification
- Training
- Miscellaneous/Others

## INDUSTRIES THAT APPLIED

- Aerial/UAV - Supply of aerial systems (Electro-optical and Radar)/System Integration/Datalinks.
- Militar Defense - Aircraft Maintenance & Modif./CLS/Parts & Syst. Suplly/Syst. Inte gration/Retrofit Pilot & nav aids and onboard equipment systems - Design and develop ment of avionics systems – Displays, Large Area Displays, Head Up Displays; Enhanced Vision System; Direct Infra-Red Counter Me asure; Self-protection System; Head Mounted Displays;
- Pilot & nav aids and onboard equipment systems - Avionics Maintenance/Major Modification/Retrofit/STC
- Maintenance, product support and spares, transport - Aircraft, Engine, Instruments & Avionics Maintenance/CLS/Parts Supply.
- Services - Aeronautic Engineering Services/ STC/Integration Services/Major Modification.

## TECHNOLOGY PARTNERSHIP INTEREST

- Licensed production of aircraft & parts;
- Joint development of defense/civilian solutions;
- Transfer of Technology programs as receiving part;
- Commercial Offset programs;
- Regional Sales / Service partner.

## MAIN CERTIFICATIONS



## ADDRESS

3655 Sertório Avenue, São João  
Porto Alegre - RS - Brasil  
CEP.: 91040-621

## MAIN CONTACT

Leonardo Andrade  
Business Development Manager  
leonardo.andrade@aeromot.com.br +55 51 99696-0952





## Aerotron Indústria e Comércio Ltda

### COMPANY DESCRIPTION

Aerotron is on the market for 20+ years, offering state-of-the-art aeronautical and mechanical engineering solutions for the Defense, Law Enforcement and Civil markets. It is involved with the design, development, manufacturing and repair of electro-mechanical actuators for machine guns, electronic armament test units, armour protection solutions for aeronautical (fixed and rotary wing aircraft) and naval applications.

### MAIN PRODUCTS & SERVICES

- Structures
- Composite
- Devices, Aircraft parts
- Engineering Services
- Integrations Services
- Missiles and Weapons

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Aerotron is interested on a partnership for the desing and development of a new UAV

### TECHNOLOGY PARTNERSHIP INTEREST

- Licensed production of aircraft & parts;
- Joint development of defense/civilian solutions;
- Transfer of Technology programs as receiving part;
- Commercial Offset programs;
- Regional Sales / Service partner.

### MAIN CERTIFICATIONS



### ADDRESS

Rua Benedito Pereira dos Santos, 50  
Bairro Santa Rita de Cássia - Itajubá - MG - Brasil  
CEP: 37502-485 • [www.aerotron.com.br](http://www.aerotron.com.br)

### MAIN CONTACT

Carlos Osorio Camara Reis  
General Director  
[carlos.camara@aerotron.com.br](mailto:carlos.camara@aerotron.com.br) • +55(35) 3621 6197





# Airship do Brasil Indústria e Serviços Aéreos Especializados S.A.

## COMPANY DESCRIPTION

Airship do Brasil is specialized in developing, manufacturing, marketing and operating aircrafts using lighter than air (LTA) technology.

Is a 100% Brazilian company belonging to Transportes Bertolini enterprises. It is acknowledge for incorporating in their designs the most advanced technology. It is also has an office of Institutional Relations in Brasília, DF.

Focused on developing lighter than air equipment, geared towards cargo transport, infrastructure patrolling, sensing and monitoring services, ADB also offers services of logistical support, security, surveillance, advertising, airborne geophysics, meteorology and environmental protection.

Airship do Brasil excels for being capable of acting in the entire lighter-than-air cycle: Research; Development; Manufacture; Certification; Operation; Maintenance; Pilot and crew training.

## MAIN PRODUCTS & SERVICES

- Certification
- Machining
- Painting
- Research and Development
- Special Process
- Surveillance
- Testing and Certification
- LTA Technology

## INDUSTRIES THAT APPLIED

- Aerial/UAV - Surveillance
- Satellite, Spacecraft, satellite telecommunications
- Military Defense - Surveillance
- Maintenance, product support and spares, transport - Light than Air Products
- Transportation, Maintenance, Certification, Airships and Research and Development.

## TECHNOLOGY PARTNERSHIP INTEREST

To Share Technology With Investments

## ADDRESS

Rua Christiano Rodrigues Machado, 10  
São Carlos - SP - Brasil  
ZIP CODE: 13.567-350  
www.adb.ind.br

## MAIN CONTACT

Dr. Marcelo Augusto de Felippes  
Director  
felippes@hotmail.com  
+55 61 98450-9718





# AKAER Engenharia S.A.

## COMPANY DESCRIPTION

Akaer is a technological solutions company based in São José dos Campos, Brazil. Since its foundation in 1992, Akaer develops high technology products for Aerospace and Defense markets, complying with high quality standards and delivering with excellence.

Akaer counts with a high-qualified team of professionals supported by the most advanced technology tools and well established management practices and processes.

The company has full capabilities to:

- New products integrated development
- System integration on pre-existing platforms
- Platforms modification and modernization
- Projects integrating Brazilian AS&D cluster companies

Akaer performs simultaneous engineering for all technologies, with an emphasis on DFM – Design for Manufacturing and DFA – Design for Assembling.

## MAIN PRODUCTS & SERVICES

- Engineering & Industrial Services
- Integrated Product Development
- Integrated Engineering Services
- Systems & Software Engineering
- Manufacturing Engineering
- Tests & Certification
- Aerostructure Assembly
- Systems Installation
- Interiors Assy & Installation
- Industrialization

## Products & Solutions

- STC's and Special Versions
- Special Cameras and Sensors
- Defense Optronics
- IoT Solutions
- BMS & Energy Storage Systems
- Integrated Manufacturing Systems
- Special Hybrid Vehicles

## Support and Services

- A/C Modification & Modernization
- System Integration in Platforms

- MRO and STC's Application
- Equipment Maintenance & Services
- Technical Publication & Training
- Customer Support & Logistics
- Field Support

## TECHNOLOGY PARTNERSHIP INTEREST

- Aircraft engines, aerospace power plants and related equipment
- Aircraft: construction, assembly and sub-assemblies
- Airport equipment and services
- Cabin and seat layouts
- Maintenance, product support and spares, transport
- Materials, composite materials and surface treatment
- Pilot & nav aids and onboard equipment systems
- Production equipment and software
- Space, spacecraft, satellite telecommunications
- Subcontracting - Electrical, electronic, mechanical engineering and metal working
- Weapons systems

## MAIN CERTIFICATIONS

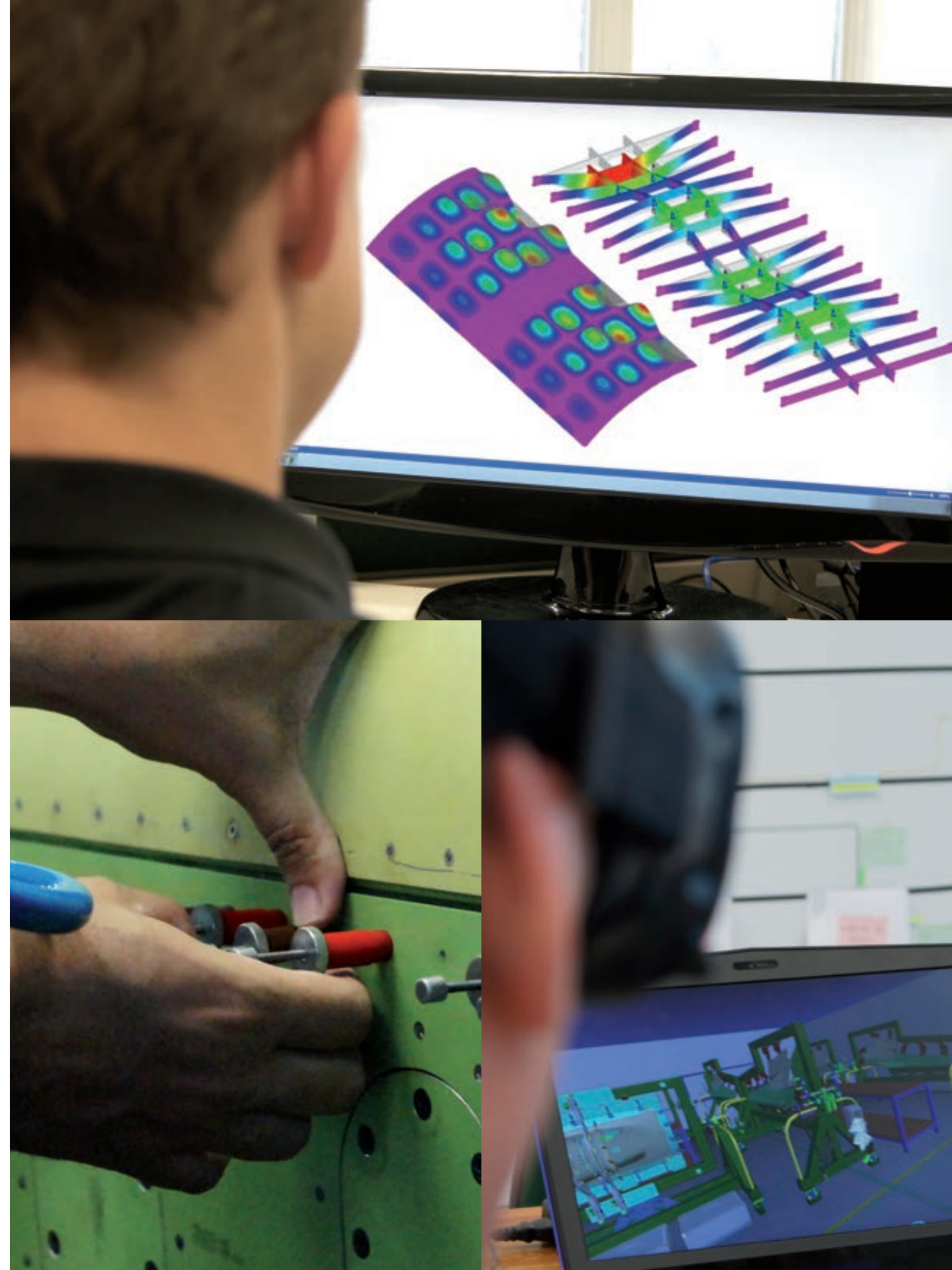


## ADDRESS

Av. Cesare Monsueto Giulio Lattes, 501  
 São José dos Campos - São Paulo - Brazil  
 ZIP Code 12247-014 • www.akaer.com.br

## MAIN CONTACT

Mr. Fausto Ferreira  
 Business & Marketing Director  
 comercial@akaer.com.br • +55 12 2139-1100





# Aleph Soluções em Engenharia Ltda

## COMPANY DESCRIPTION

Aleph Soluções em Engenharia LTDA possesses a full range of engineering competencies. With its highly qualified engineering staff and partners, we have the capability to develop innovative solutions including design and development, reverse engineering, computer-aided design services, mechanical and structural analysis, certification, and testing for both fixed-wing aircraft and helicopters. With our team of engineers, we offer a wide variety of consultancy services in Mechanical and Aeronautical Engineering areas at competitive values and with the highest quality standards. Aleph Soluções em Engenharia LTDA has expertise in the aeronautical engineering area to provide consulting services, commercial representation, and aircraft maintenance assistance for companies operating in the aerospace market within Latin America. We are focused on a forward thinking approach and synchrony with the latest technologies.

## MAIN PRODUCTS & SERVICES

- Structures
- Avionics
- Composite Materials
- Computational Fluid Dynamics
- Consulting
- Devices, Aircraft parts
- Documentation
- Engineering Services
- Engine Systems and Equipment
- Ground Support Equipment
- Research and Development
- Technical Support
- Testing and Certification
- Tooling

## ADDRESS

Av. BPS, 1303, PCE Sala 36, Campus UNIFEI  
 Bairro Pinheirinho - Itajubá - MG - Brasil  
 CEP.: 37500-903

## INDUSTRIES THAT APPLIED

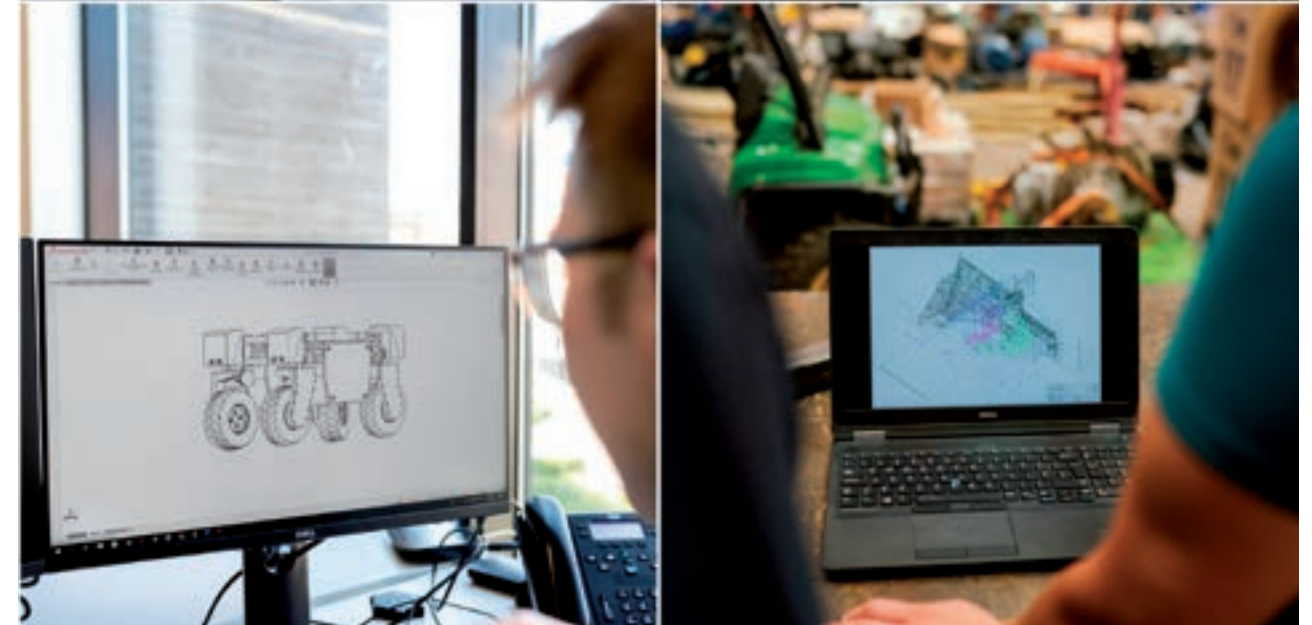
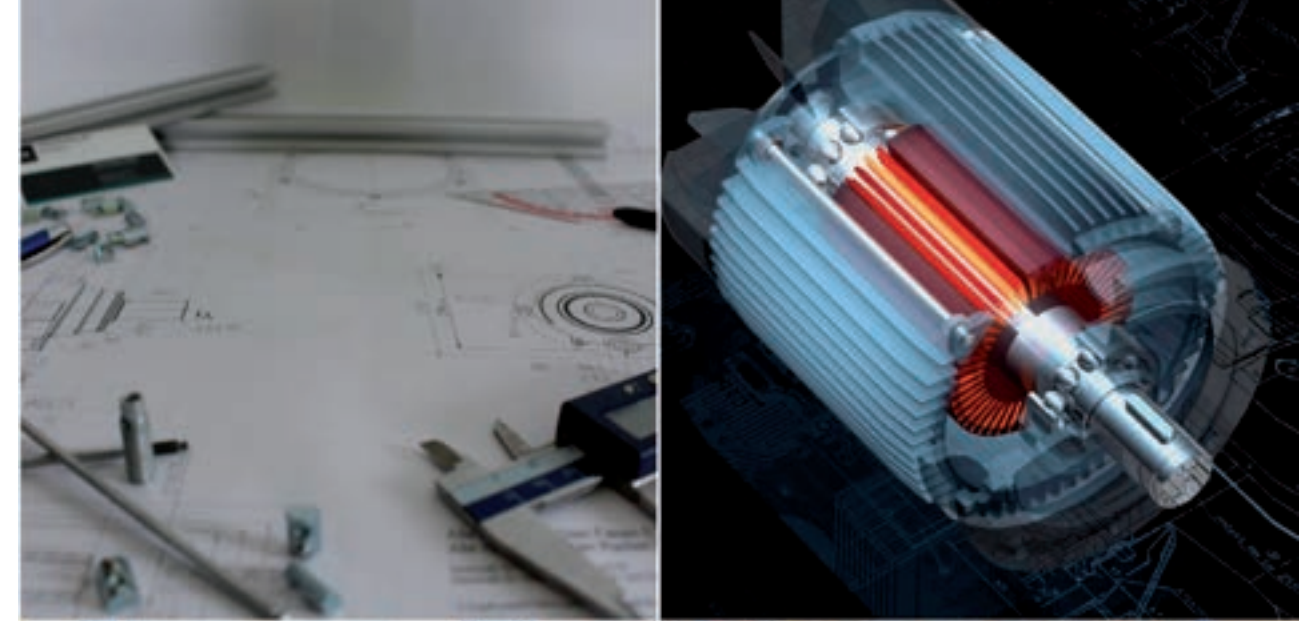
- Maintenance, product Design and Engineering
- Services Maintenance, Repair and Overhaul of Air frame Parts

## TECHNOLOGY PARTNERSHIP INTEREST

- We are looking for a technology partner with experience and flexibility to work together in order to share our potential and get some investment for an implementation of our ideas, making decisions that both help us to take the next steps and pay off in the long run.

## MAIN CONTACT

Tania Marie Arispe Angulo  
 Chief Communications Officer  
 alephengsol@gmail.com • +55(35) 988355379





# ALLTEC Composites

## COMPANY DESCRIPTION

Established in São José dos Campos, SP, Brazil since 1995, Alltec specialized in the manufacture of composite structures and parts, structural assembly, and thermoplastic components.

Research and development projects are SUPPORTED with our ISO17025 accredited laboratory, which makes a full complement of the design and prototyping services. Your project will be supported by a team of dedicated and skilled professionals who will work directly with you to determine product manufacturability while rapidly and efficiently moving your idea to the next stage from the development of 3D drawings, selection of raw materials, tooling development and production up to the final product. with all necessary certification solutions to meet your design and development needs.

## MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Composite
- Devices, Aircraft parts
- Engineering Services
- Interior, Interior Design
- Maintenance, Repair and Overhaul
- Painting
- Research and Development
- Original Equipment Manufacturer
- Tooling

- Militar Defense
- Pilot & nav aids and onboard equipment systems
- Maintenance, product support and spares, transport
- Services

## TECHNOLOGY PARTNERSHIP INTEREST

Going into business with a partner has significant advantages as we can expect the technology partnerships to help the organizations implement and optimize their technical systems.

The technology partners we are looking for should have proven experience in helping out their customers to achieve their business goals, and should be directly involved with innovation is as critical in any business. That partner must be able to prove a measurable ROI & value addition.

## INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications

## ADDRESS

Rua Moxoto 456. Chácaras Reunidas.  
São José dos Campos - SP - Brazil  
ZIP CODE: 12238-320  
allteccomposites.com.br

## MAIN CONTACT

Juliana Machado da Mota  
Director  
juliana.mota@allteccomposites.com.br  
+55 12 9927-1265





## Atech – Negócios em Tecnologias S/A.

### COMPANY DESCRIPTION

Atech, an Embraer Group Company, leading Brazilian company in complex mission-critical systems, provider of integrated solutions in defense, security and civil applications, including C4Isr, Cyber Defense, Nuclear Instrumentation & Control, Simulation, Air Traffic Management and Embedded Systems. Atech is a Strategic Defense Company according Brazilian Ministry of Defense, providing many critical systems for important defense programs in Brazil and also abroad:

- First national Embedded Mission System for the P-3BR Aircraft (Maritime Surveillance);
- SIVAM: main integrator for the Amazon Surveillance Program (communication systems, Air Defense System, Air Traffic Control System, Data link);
- Brazilian Air Traffic Management (Air Traffic Control, Message Handling, Air Traffic Flow Management, Operational Meteorological information);
- All Brazilian Air Defense System for Brazilian Air Force;
- LABGENE: Nuclear Reactor Protection System deployed for Brazilian Navy;
- Mission System for the Super Cougar Helicopter for Brazilian Navy;
- Tamandaré Class Frigates: Combat Management System and Integrated Platform Management System for Brazilian Navy.

### MAIN PRODUCTS & SERVICES

- Air Traffic Management Systems
- Advanced Defense Systems
- Communication Systems
- Consulting
- Devices, Aircraft parts
- Documentation
- Engineering Services
- Electronic Systems
- Flight Simulators, Trainers
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Integrations Services
- Logistics
- Maintenance, Repair and Overhaul
- Research and Development
- Original Equipment Manufacturer
- Software Development
- Space Systems and Equipment
- Territorial Surveillance (Sea, Land, Air)
- Technical Support
- Training

### ADDRESS

Rua do Rocio, 313 – 5º Andar – Vila Olimpia  
São Paulo - SP - Brazil  
CEP: 04552-000 • www.atech.com.br

### INDUSTRIES THAT APPLIED

- Control Station (pilotage, planning, execution, analysis)
- Defense and Surveillance systems for Air, Sea and Land, Intelligence systems, Analytics, Electronic Warfare,
- Embedded systems (Aerial Early Warning and Control, Combat systems, Maritime Patrol, Anti-submarine Warfare, C2, Search and Rescue).
- Design, development, implementation, deployment and maintenance of C4ISR, cyber defense, simulation, ATM and embedded systems.

### TECHNOLOGY PARTNERSHIP INTEREST

Partners involved in machine learning research and Development, system integration and Data Communication.

### MAIN CONTACT

Giacomo Feres Staniscia  
Director  
comercial@atech.com.br • +55 (11) 3103-4600





# Avibras Indústria Aeroespacial S/A

## COMPANY DESCRIPTION

Avibras Indústria Aeroespacial is a privately owned Brazilian company recognized worldwide for the excellence and quality of its products, systems and customer services. With 60 years of operation, it is well known for its innovative solutions and independency in critical technologies in the Defense, Space and Aeronautics. With large and modern facilities, Avibras is among the top 100 exporting companies in Brazil and is certified by the Ministry of Defense as a "Strategic Defense Company".

Based on its in-house expertise, Avibras develops and integrates complex systems, relying on state-of-the-art laboratories and testing areas, carrying out full product life cycle process, meeting the highest quality standards. Each project comes to life through the hands of thousands of employees, encompassing engineers, post-graduate professionals and other highlyqualified specialists who create specific and efficient solutions to respond to all customer requirements.

## MAIN PRODUCTS & SERVICES

- Solid Rocket Motors: for Defense and Space up to 12 ton of propellant mass;
- Sounding Rockets: flight-proven suborbital vehicles for training and a two-stage rocket capable to lift 400kg of payload during 6 minutes in microgravity;
- Raw Materials: Ammonium perchlorate (AP) and hydroxyl-terminated polybutadiene (HTPB);
- ASTROS System: A best-in-class Multiple Rocket Launch System (MRLS) capable of launching ballistic and guided rockets (ranges from 9km up to 85km), as well tactical cruise missiles with 300km range;
- Robust engineering capability to develop technological solutions for: Armored Vehicle; Asymmetric War and Anti-swarm Systems; Image Intelligence for Surveillance and Monitoring.

## INDUSTRIES THAT APPLIED

- Aerial/UAV - Remotely Piloted Aircraft (RPA)
- Military Defense - Cruise missiles, rockets and armored vehicles (Multiple Rocket Launch System)
- Service - Development, manufacturing and supply of rockets for space applications

Provision of complete Integrated Logistics Support for supplied products and systems Training, Technical Assistance for supplied products.

## TECHNOLOGY PARTNERSHIP INTEREST

AVIBRAS is interested to establish partnerships for space systems and satellite launch vehicles, as well to explore commercial rockets launching from the Alcantara Space Center.

## ADDRESS

Rodovia dos Tamoios, km14, Estrada Varadouro, 1200  
Jacareí - SP - Brazil  
ZIP CODE: 12.315-020  
www.avibras.com.br

## MAIN CONTACT

Avandelino Santana Junior  
Head of Space  
govsales@avibras.com.br  
+55 (12) 3955-5300





## Bolloré Logistics Brazil Ltda

### COMPANY DESCRIPTION

Bolloré Logistics is a French company, a global leader in international transport & logistics and Specialist in the Aerospace Segment. Global presence in 109 countries, based on the expertise of 36,500 employees constantly adapting to its customers' changing needs, the company has enriched its expertise to become a tier-one supply chain partner and one of the top 10 transport and logistics companies in the world with the largest integrated logistics network in Africa.

### MAIN PRODUCTS & SERVICES

- Air and Ocean Transportation
- Customs Brokerage
- Warehousing and Distribution

### INDUSTRIES THAT APPLIED

- Services  
We customize solutions for International Logistics, Air and Sea Freight, Road Transport, Customs Clearance, Order Management Projects.

### ADDRESS

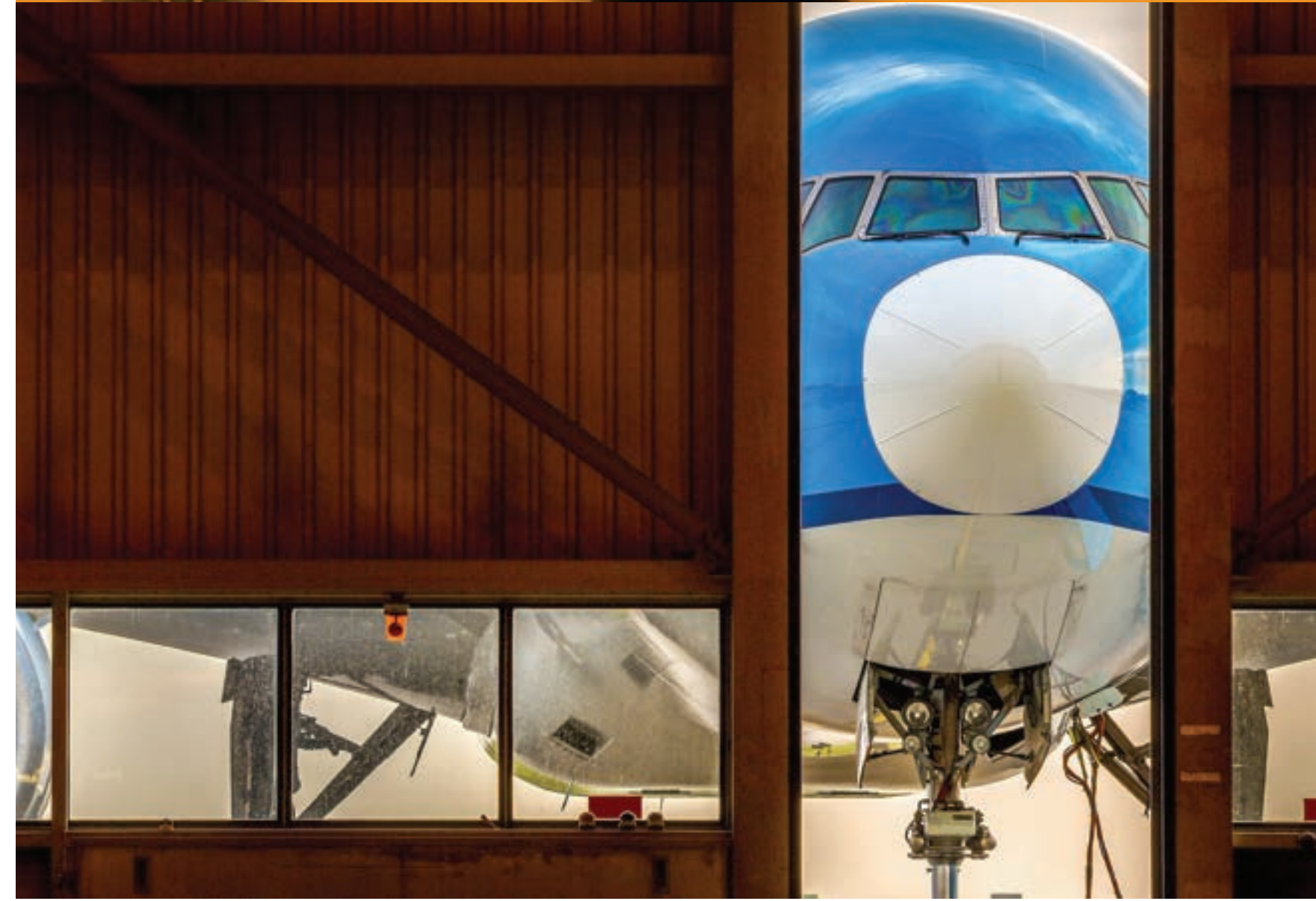
Rua do Roci, 313 – 7º andar  
Vila Olimpia - São Paulo - SP  
CEP.: 04552-000

### TECHNOLOGY PARTNERSHIP INTEREST

- Bolloré Logistics is a French company, a global leader in international transport & logistics and Specialist in the Aerospace Segment. Global presence in 109 countries, based on the expertise of 36,500 employees constantly adapting to its customers' changing needs, the company has enriched its expertise to become a tier-one supply chain partner and one of the top 10 transport and logistics companies in the world with the largest integrated logistics network in Africa..

### MAIN CONTACT

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Diretor Financeiro  
alexandre.lejoncour@bollore.com • 11 3897 8432





# BRVANT - Soluções Tecnológicas

## COMPANY DESCRIPTION

The BRVANT Technologic Solutions is a Strategic Defense Company focused on technological nationalization through the development and manufacture of Unmanned Aerial Vehicle Systems (UAV), Surface Vehicles (USV), Ground Vehicles (UGV), Flight Simulators, Development of Avionics Systems and IoT solutions, in addition the development of customized hardware, software and services in related areas. Located near to São Paulo, capital, we have a dedicated infrastructure for Research, Development and Innovation, through our Research and Development Institute, the IBRV, and an office and advanced manufacturing area, which allows us to act in all stages of the development and production of our products. Our differential, besides technological nationalization, is the recognition of our products as Strategic Defense Products, by the Brazilian Ministry of Defense, and the level of technological maturity (TRL), provided by the employment of our products in real situations, through our customers.

## MAIN PRODUCTS & SERVICES

- Avionics
- Devices, Aircraft parts
- Engineering Services
- Electronic Systems
- Flight Simulators, Trainers
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Integrations Services
- Microsatellites
- Missiles and Weapons
- Navigation Systems and Equipment
- Software Development

## INDUSTRIES THAT APPLIED

- Development of all stages, please check our website.
- Development of simulators, UAV, Smart ammunition and softwares.
- Engineering and system integration

## MAIN CERTIFICATIONS



## ADDRESS

Av. Prof. Carlos Ferreira Lopes, 703, Sala 1414 e 1415  
 Mogi das Cruzes - SP- Brazil  
 ZIP CODE: 08773-490  
 www.brvant.com.br

## MAIN CONTACT

Dr. Rodrigo Kuntz Rangel  
 CEO  
 contato@brvant.com.br  
 +55 11 3565-2591





## Castro Leite Consultoria – CLC

### COMPANY DESCRIPTION

Since 2013, Castro Leite Consulting (CLC) has been providing consulting services for Brazil and other countries on:

- Dynamic Systems Simulation
- Guidance Systems
- Control Systems
- Inertial Sensors
- Inertial Navigation Systems
- Project Management

### MAIN PRODUCTS & SERVICES

- Consulting
- In-Flight Data Acquisition and Analysis
- Missiles and Weapons
- Research and Development
- Software Development
- Space Systems and Equipment
- Training

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite Telecommunications
- Services

### ADDRESS

Av. BPS, 1303, PCE Sala 36, Campus UNIFEI  
São José dos Campos • SP • Brazil  
CEP.: 12 3341-8978 • [www.castroleite.com.br](http://www.castroleite.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

- Bolloré Logistics is a French company, a global leader in international transport & logistics and Specialist in the Aerospace Segment. Global presence in 109 countries, based on the expertise of 36,500 employees constantly adapting to its customers' changing needs, the company has enriched its expertise to become a tier-one supply chain partner and one of the top 10 transport and logistics companies in the world with the largest integrated logistics network in Africa.

### MAIN CONTACT

Waldemar de Castro Leite Filho  
Partner Director  
[waldemar@castroleite.com.br](mailto:waldemar@castroleite.com.br) • 12 99135 3086





## Chipus Microeletrônica S.A.

### COMPANY DESCRIPTION

Chipus Microelectronics (ISO 9001:2015 certified) is a semiconductor company focused on the development of mixed-signal ASICs, intellectual property (IP) blocks and IC design services.

The company has more than 200 analog IP blocks in process nodes from 22nm to 0.35um of various foundries. Since its foundation in 2008, Chipus has worked with customers worldwide (South and North America, Europe, and Asia) with firm commitment and flexible client support.

Besides analog and mixed-signal expertise, Chipus also offers custom digital IC design services having successfully delivered designs in FINFET technologies from RTL to backend.

Headquartered in Florianópolis, Brazil, Chipus has a US subsidiary in Silicon Valley and sales teams in both USA and Europe.

### MAIN PRODUCTS & SERVICES

- Consulting
- Electronic Systems
- Research and Development
- Development of custom integrated circuits, semiconductor supply chain

### INDUSTRIES THAT APPLIED

- Services  
Design of semiconductor circuits, custom integrated circuit design, semiconductor supply chain management.

### ADDRESS

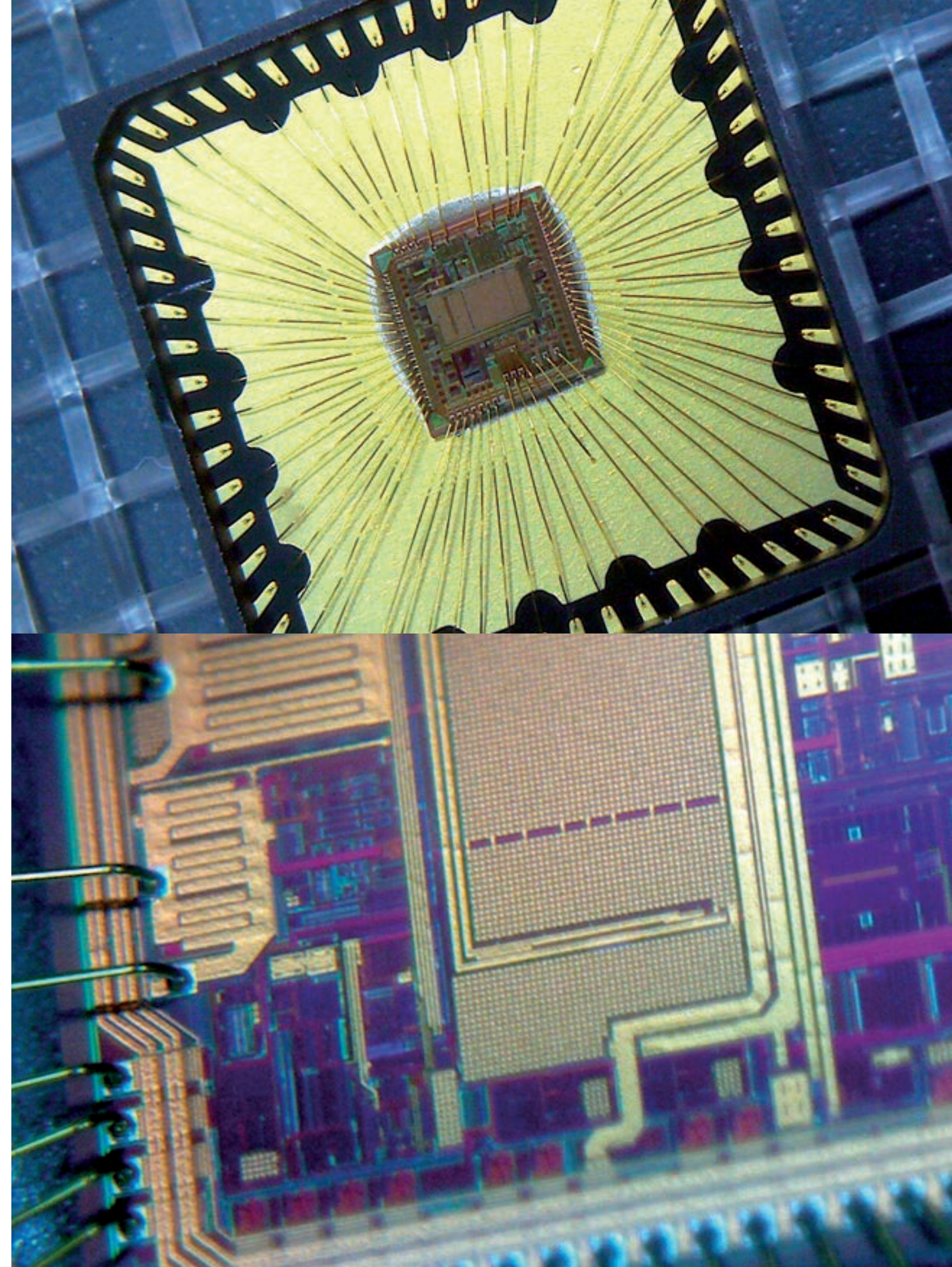
Rua Emilio Blum 131, Sala 1006, Torre A, Centro  
Florianópolis/ SC  
CEP: 37500-903

### TECHNOLOGY PARTNERSHIP INTEREST

- Chipus is looking for partners to continue developing leading edge technology and know-how as well as obtaining more customers that require custom integrated circuits and application specific semiconductor products.

### MAIN CONTACT

Heider Marconi Guedes Madureira  
Manager of Technical Sales  
heider.marconi@chipus.com.br • (48) 3365 2740





# Clarus Technology do Brasil Ltda

## COMPANY DESCRIPTION

Clarus Technology is a worldwide supplier of ecological and sustainable chemical solutions for the Aerospace Industry, including Maintenance, Repair and Operations (MRO) in the Aviation sector. Approved products (OEM) are part of the consumption portfolio of renowned manufacturers and airlines for use in their commercial, executive, military and agricultural aircraft.

Developed with high technology, these products offer sustainable solutions for the most diverse applications, with lubricants, degreasers and bio-renewable solvents. Available in non-flammable and non-hazardous options, these items are ideal for replacing aggressive and flammable products.

Main products and applications: Protective of electronic systems in low and high temperatures; Lubricants for mounting windows and windshields; Pastes for noise reduction; Biodegradable products for aircraft maintenance and cleaning; Degreasers for removing dirt, oil, grease, asphalt and protective waxes; Special lubrications (in extreme temperatures and pressures); Maintenance and protection of electronic boards and systems; Metal protectors in general against oxidation.

## MAIN PRODUCTS & SERVICES

- Chemicals, Industrial Supplies

## TECHNOLOGY PARTNERSHIP INTEREST

- We are available to discuss new partnerships in the development of new products, offering high-technology customized solutions for many applications. Our highly qualified technical team may offer different and new approaches when providing high-performance sustainable chemical products for the aviation industry, including OEM Products.

## MAIN CERTIFICATIONS



## ADDRESS

Rodovia Anhanguera, s/nº Km 123 Norte  
Americana - SP - Brasil  
CEP: 13475-000

## MAIN CONTACT

Eng. Kleber Marques, M. Sc.  
Diretor Geral  
kleber.marques@brclarus.com • +55 19 3465-9000





# Collins Aerospace

## COMPANY DESCRIPTION

Collins Aerospace along with Pratt & Whitney, Raytheon Intelligence & Space, Raytheon Missiles & Defense, is one of the four companies of the Raytheon Technologies group, an aerospace and defense company, which supplies advanced systems and services for commercial, military and government customers around the world.

The company operates globally and is specialized in aero structures, avionics, interiors, mechanical systems, mission systems and power and control systems. Collins Aerospace has over 45 years of presence in Brazil with the head office in Sao Jose dos Campos, Sao Paulo, which support, develop, modify, repair and maintain electronic components. It provides local support for Avionics, Mission Systems and Interiors business units.

## MAIN PRODUCTS & SERVICES

- Cockpit Retrofits
  - Arinc 500/700/900 radios
  - Antennas, Transponders and Control Boxes
  - Airborne and Ground H/V/U Secure Military Communications
  - Assured position, Navigation and Timing Solutions
  - Precision weapon guidance and actuation systems
  - Simulations Solutions
  - Inertial sensors, Micro-electro-mechanical systems (MEMS)
  - Cybersecurity
  - Surveillance and Protection
  - Railways Security and Command
  - Flight Operation and Planning
  - Airport Technology
  - Border Security
  - Aircraft Interiors
- Service Center for maintenance and repair
  - Aftermarket support for Latin America
  - Training
  - Field Engineering and Local Technical Support
  - Offset Recipient

## TECHNOLOGY PARTNERSHIP INTEREST

- Defense & Security Solutions (Armed Forces, Parapublic forces, Government Agencies)
- Infrastructure (Airports, Rail and Critical infrastructure protection)
- Communication Solutions
- Simulation Solutions
- Aerospace Solutions (aerostructures, avionics, interiors, mechanical systems, mission systems and power and control systems)
- Offset Recipient
- Service Solutions

## ADDRESS

Ambrósio Molina 1090, Building D and F  
 São José dos Campos - SP - Brazil  
 ZIP Code 12247-000 • www.collinsaerospace.com

## MAIN CONTACT

Marcelo Assis  
 +55 21 99574-5099  
 marcelo.assis@collins.com





## Comaf Indústria Aeronáutica Ltda

### COMPANY DESCRIPTION

COMAF is an EASA and ANAC certified aeronautical component MRO company based in Rio de Janeiro. Founded in 1977, COMAF has followed the development of the aeronautical industry in Brazil providing top quality maintenance, repair and overhaul services for components and other accessories.

COMAF's highly qualified personnel and facilities allow us to provide services in a wide variety of component types installed in several different aircraft platforms.

Today, COMAF is the trusted partner of many aircraft manufactures and OEMs around the world presenting itself as a top player in the MRO industry.

### MAIN PRODUCTS & SERVICES

- Consulting
- Logistics
- Engineering Services
- Technical Support
- Testing and Certification
- Painting
- NDT (Magnetic Particle, Liquid Penetrant, Eddy Current)
- Welding
- Precision Machining
- Surface Treatments
- Composite Repairs

### ADDRESS

Estrada do Capenha, 913 - Jacarepaguá  
Rio de Janeiro - RJ - Brazil  
ZIP Code 22743-041 • [www.comaf.ind.br](http://www.comaf.ind.br)

### INDUSTRIES THAT APPLIED

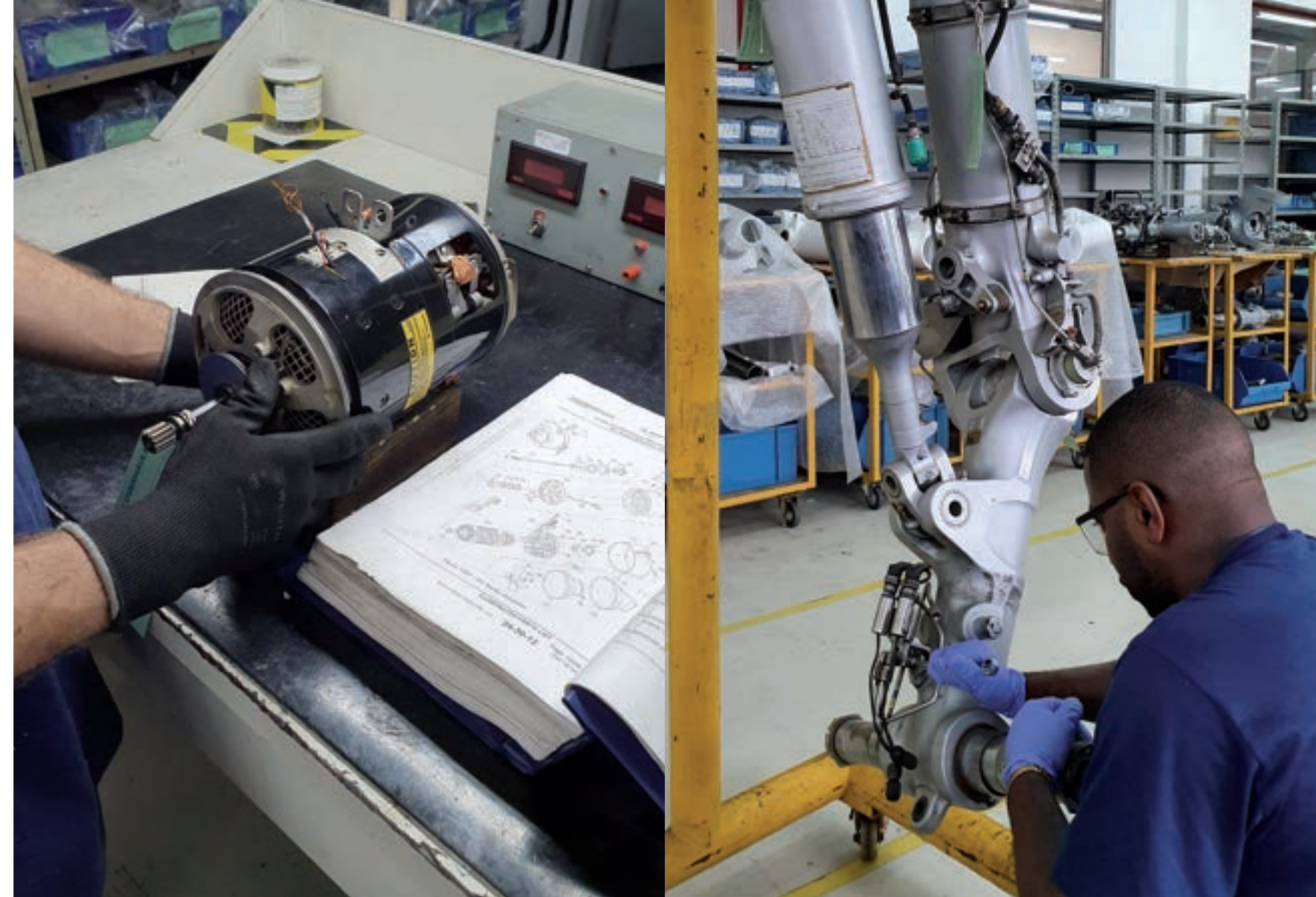
- Military and Defense
- Services
- Aeronautics
- Support and Services

### TECHNOLOGY PARTNERSHIP INTEREST

- Looking for technology partners (other repair stations, OEMs, etc.) that can help us develop new component repair capability focusing on new aircraft platforms and new component types and, in this way, aiming to increase our current offer of in-country maintenance service capabilities.

### MAIN CONTACT

Caio Carvalho de Oliveira  
Commercial Manager  
[caio@comaf.ind.br](mailto:caio@comaf.ind.br) • +55 (21)3266-5200





## Compoende Beneficiamento de Peças Ltda – EPP (Compoende Ensaios Não Destrutivos)

### COMPANY DESCRIPTION

Compoende started in Brazil as a response to the need detected in the domestic market for companies specializing in Nondestructive Testing (NDT). In the business for more than 30 years, Compoende pioneered the service to aerospace industry providing NDT applied to structures, engines and parts in South America, which brought about a unique relationship with major aircraft manufacturers with a presence in that region. When using the services offered by Compoende you have access to quality and knowledge translated into highly-trained staff, with specific training carried out at the OEM's facilities; latest NDT equipment; reference standards and qualified materials. Our customers can rest assured they will have a safe flight. Moreover, with the rapid growth of executive and commercial aviation in Brazil, Compoende offers ready access to OEM when requiring NDT related information, and provides high availability for your aircraft when using our different locations in Brazil and South America.

### MAIN PRODUCTS & SERVICES

- Special Process
- Technical Support
- Training
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Aerial/UAV.
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense
- Pilot & nav aids and onboard equipment systems
- Maintenance, product support and spares, transport

### ADDRESS

Avenida dos Ipês, 391 - Tremembé  
São Paulo - SP - Brazil  
ZIP Code 12120-000 • [compoende.com.br](http://compoende.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

- Increase our reach at the supply chain level with an integrated solution of services and products to create a complete production chain that will promote cost reduction for our customers.
- Provide new services that complement our current scope within the Special Process category.

### MAIN CONTACT

Leonardo Barros do Val Lacerda  
Commercial Manager  
[comercial@compoende.com.br](mailto:comercial@compoende.com.br) • +55 12 3672-1911





# CREATE Space Systems

## COMPANY DESCRIPTION

With more than 160 (one hundred and sixty) employees chosen for their commitment, competence and responsibility, GROUP CRIAR, since 2010, expanded its business by launching its factory where it began to develop and assemble hardware associated with the software it sells.

From the experience of combining hardware with software and also the old dream of his Director, GROUP CRIAR founded in 2018 CRIAR SPACE SYSTEMS, a company that operates in the development of products and systems for the aerospace area, such as Automatic Directional Antennas (ADA) in the Bands VHF / UHF / L / S / C / X, CubeSats and applications that enable monitoring through the data provided by these products.

As a first project, CRIAR SPACE SYSTEMS developed an automatic mechanism to track and capture satellite data in the form of an Earth Station (Ground Station) composed of an Automatic Directional Antenna (ADA). In our website, it's possible to show some capture examples (and possible decodings) made through data collected from available satellites.

## MAIN PRODUCTS & SERVICES

- Communication Systems
- Engineering Services
- Engine Systems and Equipment
- Electronic Systems
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Original Equipment Manufacturer
- Software Development
- Space Systems and Equipment

## INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications
- Services

## TECHNOLOGY PARTNERSHIP INTEREST

Provide technology and know-how acquired through Partnership Projects, ensuring the dissemination of knowledge, to develop relatively low-cost products that enable: automatic tracking of satellites pointing out the exact position; capture of signals transmitted by the satellite, making them available for download / upload; easy installation and integration with available software systems.

## ADDRESS

Rua da Redenção, 36 - Jardim Mosteiro  
Ribeirão Preto - SP - Brasil  
ZIP Code 14085-370 • <http://criar.space>

## MAIN CONTACT

Sérgio da Silva Soares  
Diretor/Presidente  
[grupocriar@grupocriar.com.br](mailto:grupocriar@grupocriar.com.br) • +55 (16) 99165-6060





## Digicon S.A.

### COMPANY DESCRIPTION

Digicon started operations in 1977, manufacturing high-precision measurement systems for machine tools. Since its earliest days, the company's mission has always been developing and marketing products and services that were bold and reliable, had excellent cost-benefit ratio, and exceeded customer expectations.

The company specializes in market segments requiring high levels of reliability and technical expertise, such as mass transit, access control and aerospace components, among others.

The combination of excellence in technology and the vertical nature of its productive processes has enabled Digicon to take part in projects such as launching Brazilian satellites and manufacturing components for commercial and military aircrafts.

Today, the company works in a wide variety of fields. Its primary products include access control systems (waist-high and full-height turnstiles and motorized gates), electronic time clocks (REP and CP), urban traffic controllers (mobility), metered parking control systems (parking meters), electronic ticketing systems for transit applications, and build-to-print components to the aerospace industry.

### MAIN PRODUCTS & SERVICES

- Machining
- Special Process

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense

### ADDRESS

Rua Nissin Castiel 640  
Gravataí - RS - Brazil  
ZIP Code 94.045-420 • digicon@digicon.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

Digicon has 20 year of experience in manufacturing aircraft parts and subassemblies for Tier-ones like Collins, Elbit, and Embraer.

Our focus in to be a Supplier of high precision machined parts where NADCAP approved Special Processes are also required. We have expertise in sourcing raw material directly from customer-approved suppliers and we also have experience with the delivery logistics at customer locations in Europe and in the US.

### MAIN CONTACT

Luiz Everton Alves Duarte  
Manager – Aerospace Business  
luiz.duarte@digicon.com.br • +55 51 986019472





## Efix Aviation Support

### COMPANY DESCRIPTION

EFIX Aviation Support (EFIX) is an ANAC and EASA certified maintenance, repair, and overhaul facility serving the defense, commercial aviation, and general aviation segments of the Brazilian aerospace market. With capabilities in Hydraulic and Pneumatic components including Landing Gear, Electrical Components, Starter Generators, Batteries, Ratio, Non-Destructive Testing, and Fuel Accessories, EFIX serves its customers from its 551,9 square-meter facility strategically located in São José dos Campos

EFIX is a PAG company, PAG's 7 global repair stations service 50,000+ parts annually and are certified by FAA, EASA, Transport Canada, ANAC, and CASA Authorities. The customers benefit from PAG's global network and the immediate access to inventory valued at more than \$31 million, including parts from 75 original equipment manufacturers (OEMs).

### MAIN PRODUCTS & SERVICES

- Consulting
- Devices, Aircraft parts
- Painting
- Landing Gear System and Equipment
- Maintenance, Repair and Overhaul
- Services and supply chain logistics worldwide
- Non Destructive Testing
- Electrical Hardware Supplies, Cabling Harness

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport

### TECHNOLOGY PARTNERSHIP INTEREST

Partnership with OEMs (Original Equipment Manufacturer) and/or other Partnerships in order to develop our capacity.

### ADDRESS

Rua Ambrósio Molina, 1090, Prédio D, Eugênio de Melo  
São José dos Campos - SP - Brazil  
ZIP Code 12247-000 • rmalato@efixaviation.com.br

### MAIN CONTACT

Ricardo Pereira Malato  
CEO  
rmalato@efixaviation.com.br • +55 12 99158 8622





# Embraer S.A.

## COMPANY DESCRIPTION

A global aerospace company headquartered in Brazil, Embraer celebrates its 50th anniversary with businesses in Commercial and Executive aviation, Defense & Security and Agricultural Aviation. The company designs, develops, manufactures and markets aircraft and systems, providing Services & Support to customers after-sales.

Since it was founded in 1969, Embraer has delivered more than 8,000 aircraft. On average, about every 10 seconds an aircraft manufactured by Embraer takes off somewhere in the world, transporting over 145 million passengers a year.

Embraer is the leading manufacturer of commercial jets up to 150 seats and the main exporter of high value-added goods in Brazil. The company maintains industrial units, offices, service and parts distribution centers, among other activities, across the Americas, Africa, Asia and Europe.

## MAIN PRODUCTS & SERVICES

- Air Traffic
- Advanced Defense Systems
- Composite
- Devices, Aircraft parts
- Engineering Services
- Interior, Interior Design
- Landing Gear System and Equipment
- Maintenance, Repair and Overhaul

## INDUSTRIES THAT APPLIED

- Militar Defense

## MAIN CERTIFICATIONS



## ADDRESS

Rodovia Presidente Dutra, Km 134  
 São José dos Campos - São Paulo - Brazil  
 ZIP Code 12247-820 • www.embraer.com.br

## MAIN CONTACT

Simon Johns  
 Vice President Business Development & Sales, Europe  
 simon.johns@nl.embraer.com • +44 (0) 7914 689488





## EMSISTI Space Systems & Technology

### COMPANY DESCRIPTION

EMSISTI Space Systems & Technology has as its mission to innovate and cooperate with our customers in a sustainable way, strengthen the link between partners and generate value to the society allowing the success of our collaborators. Was founded in the year 2010 as the first Brazilian startup to develop software communication system for the Brazilian First Scientific Nanosatellite – mission NanosatC-BRI, launched in 2014. We have been working with design, development and verification & validation of critical and embedded software and electronics for small satellites, automotive and financial industry. In 2016 we were awarded with Public Funding for Innovation Project by FAPESP and FINEP. Our products are Mission Control Software for Nanosatellites (Telemetry & Telecommand), Electronic Interface for Command and Data Handler for Microsatellite, Courses & Training, Consulting..

### MAIN PRODUCTS & SERVICES

- Software for Control and Monitoring (Telemetry and Telecommand) for LEO spacecrafts.
- Electronic Interface for Control and Data Handling for Microsatellites.
- EGSE for Payloads Emulator and Simulation.
- On-board data handler software for small satellites.
- Environmental Data Collect Platform.
- Aerospace Electronic Training kit.
- Verification & Validation of critical and embedded systems.
- Technological Advisory on Satellite frequency licensing and spacecraft launch through Alcantara Space Center.

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications - Ground Stations, Telemetry and Telecommand Systems.
- Services - Embedded electronic on small satellites; On-board Software (Data Handler), Verification & Validation

### TECHNOLOGY PARTNERSHIP INTEREST

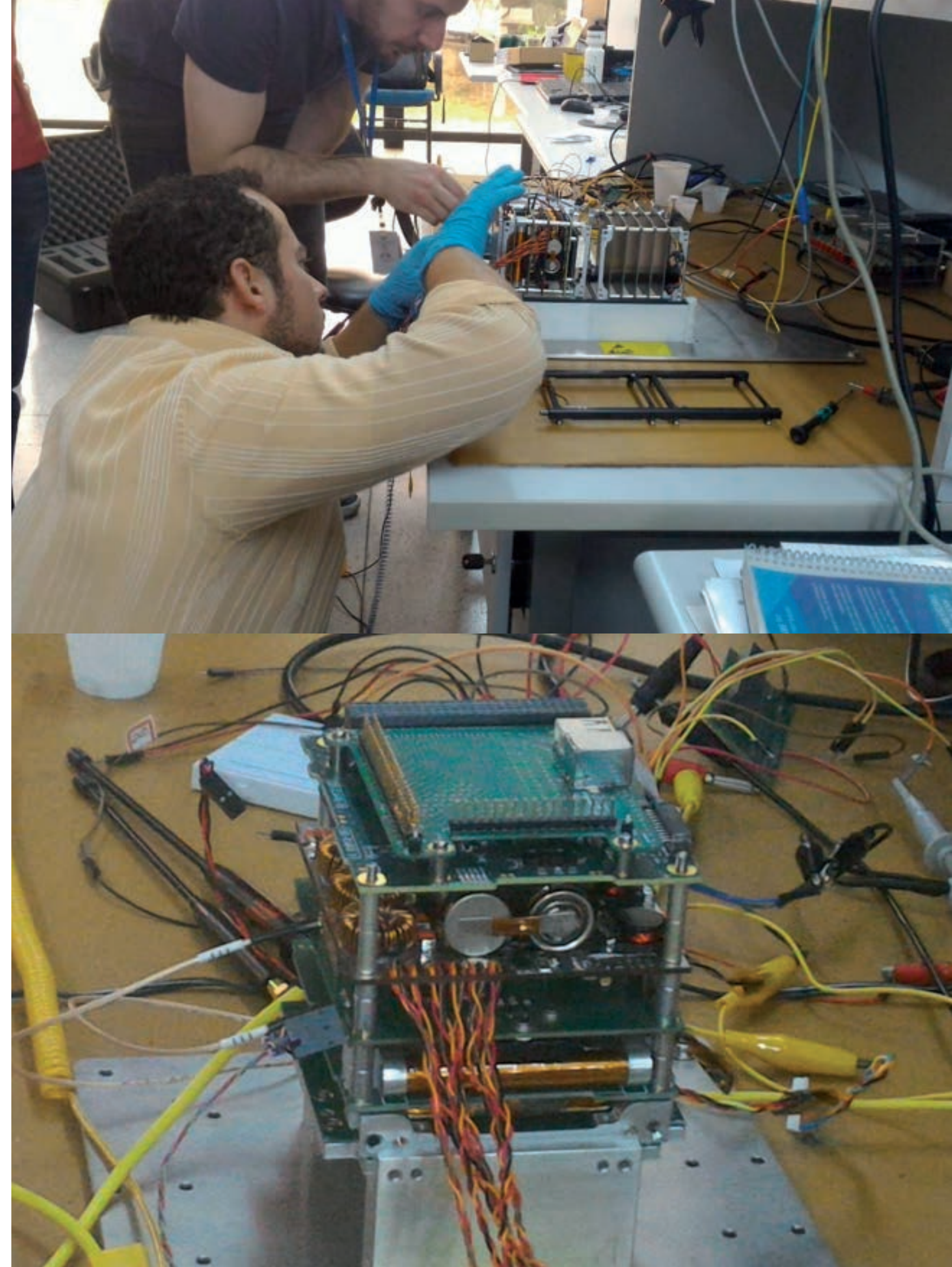
- Research & Development Projects, Embedded Electronic on Satellites, EduTech projects, Small Satellites missions, Ground Stations technology. Manufacturing, Business, Selling.

### ADDRESS

Rua Ouvidor Freire, 2199 – Centro  
 Franca - SP - Brazil  
 ZIP Code 14400 630 • www.emsisti.com.br

### MAIN CONTACT

Marcelo Essado  
 Director  
 marcelo.essado@emsisti.com.br • +55 12 981486500





# Engineering Simulation and Scientific Software Ltda

## COMPANY DESCRIPTION

Engineering Simulation and Scientific Software (ESSS) is a Brazilian multinational firm based in Florianópolis/SC. We offer the most advanced Computer-Aided Engineering (CAE) tools in fluid dynamics, structural analysis, electromagnetism, and multiphysics, including customized software tailored to the needs of each client. ESSS is an ANSYS Elite Channel Partner, an award granted to only a select few of more than 80 ANSYS partners.

ESSS solutions play a key role in the most innovative projects in the world, helping companies provide radically better and more efficient products. ESSS serves more than 500 clients across many industries: oil and gas, aerospace, automotive, metalworking, energy, turbomachinery, chemical processes, and mining

## MAIN PRODUCTS & SERVICES

- Computational Fluid Dynamics
- Finite element Analysis
- Electromagnetic Simulations
- Electronic Reliability Physics Analysis
- Qualified tools for Safety Critical Software Development according to DO-178B and DO-178C
- Solutions for material management, including monitoring usage of restricted substances for environmental regulations
- Research and Development
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense
- Pilot & nav aids and onboard equipmentsystems
- Maintenance,product support and spares,transport
- Services

## TECHNOLOGY PARTNERSHIP INTEREST

Looking for companies willing to apply engineering simulation on the development of leading edge aerospace applications, such as more electric aircrafts, autonomous vehicles, connected aircrafts, advanced materials, more efficient operations, among others

## INDUSTRIES THAT APPLIED

- Aerial/UAV

## ADDRESS

Rua Orlando Phillipi N° 100, Ed. Techplan, 1° andar  
Florianópolis- SC - Brazil  
ZIP Code 88032-700 • www.esss.co

## MAIN CONTACT

Marcus Reis  
Vice President  
info@esss.co • +55 48 3953-0000





## Equatorial Sistemas LTDA.

### COMPANY DESCRIPTION

Equatorial Sistemas was founded in 1996 by a group of researchers and former employees of the National Institute for Space Research (INPE) and since its inception has left its striking mark on the Brazilian space landscape.

Involved in providing the Wide Field Imager for the Sino-Brazilian CBERS 1,2 and 2B satellite international mission, it has taken advantage of its scientists' capabilities to develop high value-added products as a satellite payload. Equatorial Sistemas was also called upon to develop mission studies for CBERS3,4 generation. Supplied five pieces of the Sensor Humidity Sounder for Brazil (HSB) Instrument to NASA-operated AQUA satellite and new optical payload for CBERS3,4 mission. Equatorial has expertise in mission analysis, thermal analysis and design, radiation analysis and design, embedded software and digital signal processing hardware in including compression algorithms.

### MAIN PRODUCTS & SERVICES

- Engineering Services
- Electronic Systems
- Research and Development
- Space Systems and Equipment

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Drone piloting course
- Satellite, Spacecraft, satellite telecommunications

### ADDRESS

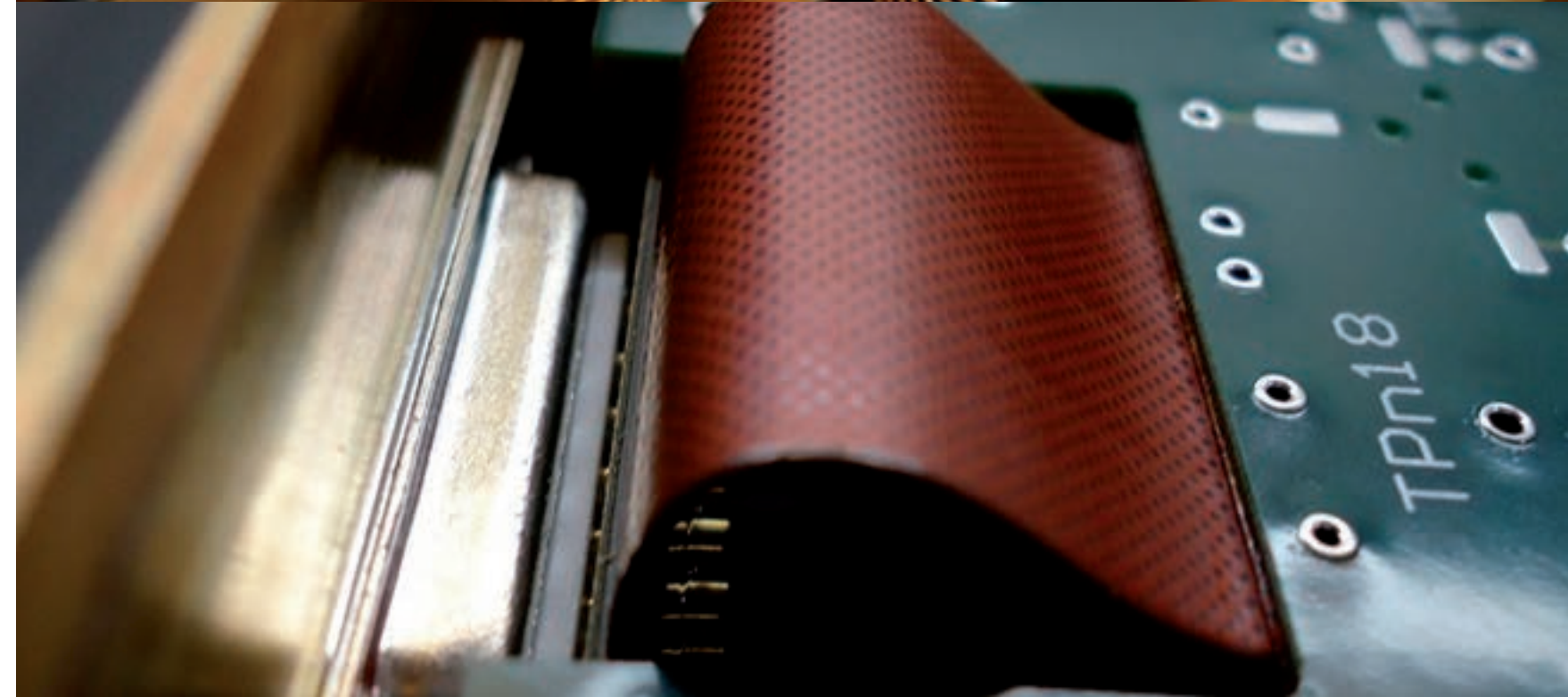
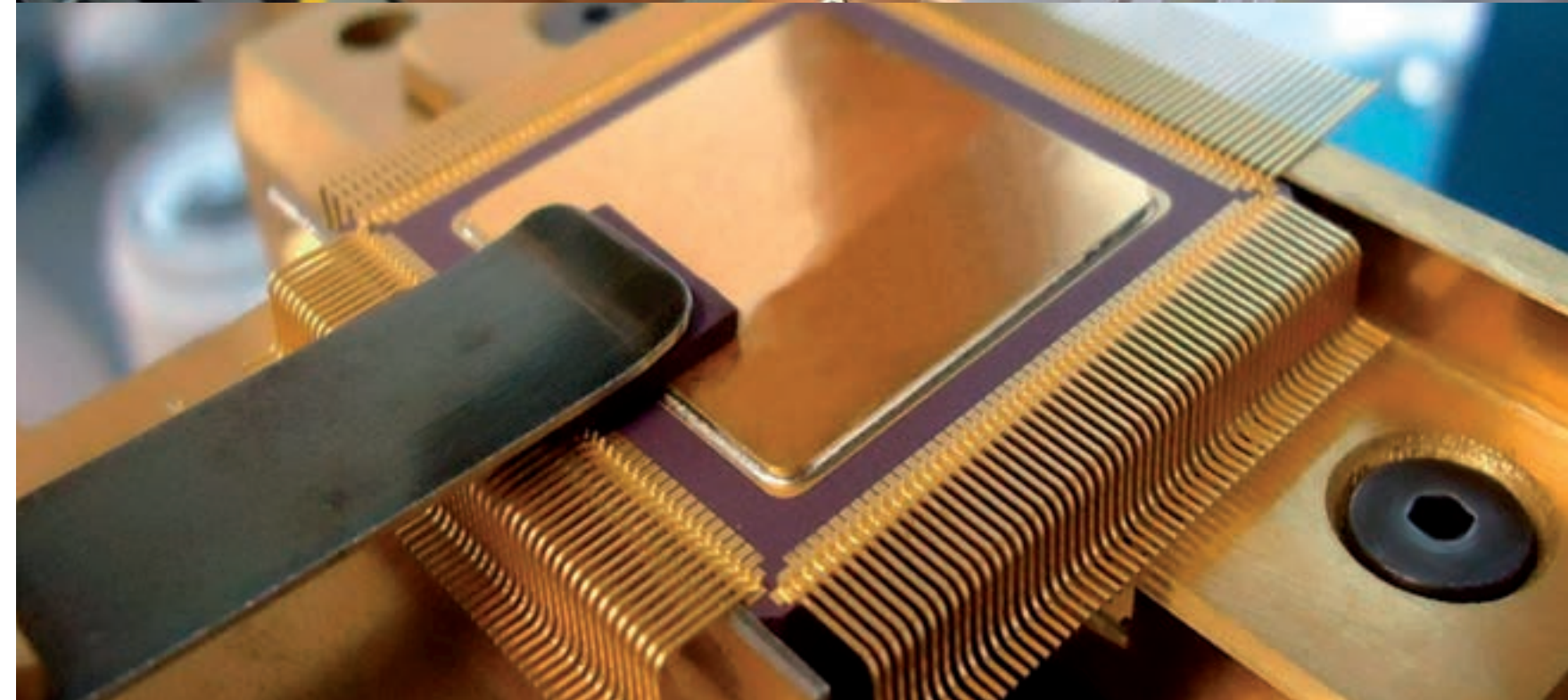
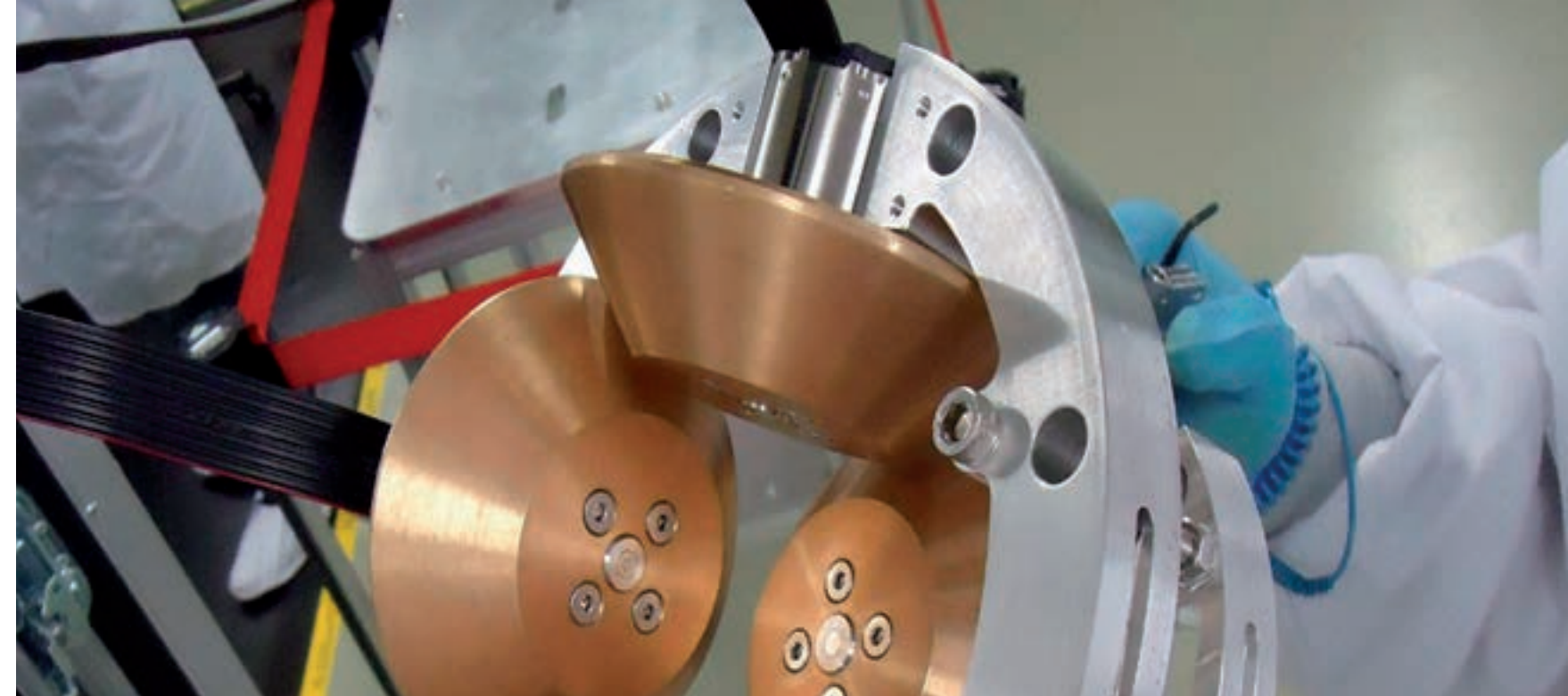
AV. Cesare Mansueto Giulio LATTES, 501  
São José dos Campos - SP  
ZIP CODE: 12247-014  
[www.equatorialsistemas.com.br](http://www.equatorialsistemas.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

Company is willing to open the opportunity for the partner to actuate in the Brazilian market in exchange for workload from the partner.

### MAIN CONTACT

Cesar C. Ghizoni  
Executive Director  
[cghizoni@equatorialsistemas.com.br](mailto:cghizoni@equatorialsistemas.com.br)  
+55 12 2139 1126





## Erma Tech Industria e Solucoes em Tecnologia Aeronautica Ltda

### COMPANY DESCRIPTION

Company established in 2003, located in São José dos Campos/Sao Paulo. ERMA TECH provides solutions of harnesses and electrical devices assembly, maintenance/retrofit of harnesses, installation, and hydraulic and pneumatic tooling for Aerospace and Defense industries.

ERMA TECH also provides high level turnkey box build and electro-mechanical assembly services—test boxes, power trays, control panels and enclosures—integrating active, passive and mechanical components.

Through the Quality Management System ERMA TECH is certified by AS9100D:2016, and ISO9001:2015. Manufacture & Final Inspection according to IPC-620-C Best Practices.

Industrial Infrastructure with 1.000 m2 area and completed equipment (CATIA software, Laser Wire mark, Automatic test machine, thermal transfer printing and crimp tooling).

Our 40 employees are continuing professional education and training, using only tools calibrated and certified. We extend to our suppliers the same standards of our Quality Policy.

### MAIN PRODUCTS & SERVICES

- Assembly
- Electrical Hardware Supplies, Cabling Harness
- Ground Support Equipment
- Maintenance, Repair and Overhaul
- Tooling

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense
- Services

### ADDRESS

Av. Eng Juarez de Siqueira Britto Wanderley, 440  
Sao Jose dos Campos- SP - Brazil  
ZIP Code 12.238-565 • www.ermatech.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

We are open to discuss technology partnership related to Innovation & Process Improvements at of Harnesses and electrical devices manufacture and how its can contribute to Brazilian Industry Development.

### MAIN CONTACT

Eduardo Garcia Barboni  
Socio-Diretor  
eduardo.barboni@ermatech.com.br • +55 12 9 8892.0615





## Faltec Soluções em Equip. Ind. Ltda

### COMPANY DESCRIPTION

The Faltec core business is supply technical services by tridimensional metrology for aerospace industries. With high technical and qualified manpower. We supply and support measurement services to the main Aircraft players (tier one) included several Embraer sites.

Our mission is giving solutions and support our customer since the beginning of the development project phase until the serial production by measurement precision services included Toolings, Jigs and Products..

### MAIN PRODUCTS & SERVICES

- Assembly
- Industrial Metrology
- Maintenance, Repair and Overhaul

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Maintenance, product support and spares, transport
- Services

### ADDRESS

Av. Alfredo Ignacio Nogueira Penido -335 -sala 701  
São José dos Campos - SP - Brazil  
ZIP Code 12246-000 • [www.faltec.ind.br](http://www.faltec.ind.br)

### TECHNOLOGY PARTNERSHIP INTEREST

Advanced measurement equipment suppliers and partners for aeronautical business.

### MAIN CONTACT

Josemara P. Almeida Martins  
Manager  
[faltec@faltec.ind.br](mailto:faltec@faltec.ind.br) • +55 12 3341-7898





## FARCCO Tecnologia Industrial Ltda

### COMPANY DESCRIPTION

Founded in 2013, FARCCO Tecnologia is a solutions provider for additive manufacturing. We develop equipment suppliers in our area and also help our customers to achieve in the adoption and use of technology. Our team has a high level of experience and knowledge in manufacturing equipment and is engaged in the development of the additive manufacturing in Brazilian aerospace industry by participation in initiatives like HuBMA, INMETRO and in the creation, adoption and development of additive Manufacturing standards in ABNT, ASTM and ISO committees.

### MAIN PRODUCTS & SERVICES

- Additive Manufacturing process development
- Additive and Conventional Manufacturing Equipment selection and supply
- Process modification and modernization
- Design for Additive Manufacturing (DFAM)
- Standardization and Certification consulting
- Maintenance, product support and spares, transport
- Militar Defense
- Maintenance, product support and spares, transport
- Services

### INDUSTRIES THAT APPLIED

- Aerial/UAV

### ADDRESS

RUA Tripoli 92 CJ 111  
São Paulo - SP - Brazil  
ZIP Code 05303-020 • farcco.com.br

### MAIN CONTACT

Fabio Sanches Sant'Ana  
Director  
fabio@farcco.com.br • +55 11 3831-4265

### TECHNOLOGY PARTNERSHIP INTEREST

Additive Manufacturing, Industry4.0 Advanced Manufacturing technological adoptions by Brazilian Industry.





# Fibraforte Engenharia Indústria e Comercio Ltda

## COMPANY DESCRIPTION

Fibraforte was founded in 1994 taking the protagonism on mechanical systems and propulsion system for satellites in the Brazilian Space Program.

Fibraforte started business in 1999 in the aircraft segment. The main actuation in aircraft segment is in engineering services for structure development.

Fibraforte is a company dedicated to the development of new products, new processes and technologies for aerospace segment.

## SPACE SEGMENT COMPETENCES:

- Satellite structure and mechanical systems
- Propulsion system for satellite and launcher control systems;
- Ground Support Equipment for satellite integration and test activities

## AIRCRAFT SEGMENT COMPETENCES:

- Conception, Design and Analysis of aircraft structures and mechanical systems;
- Static and fatigue test of aerospace structure;
- New Technology developments;
- Non Destructive Inspection system for composites structural components;
- Design and Manufacturing of aircraft assembling tooling and GSE.

## MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Engineering Services
- Ground Support Equipment
- Mechanical Hardware
- Research and Development
- Space Systems and Equipment
- Special Process
- Testing and Certification
- Tooling

## INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications.
- Services

## ADDRESS

R. Jose Sierra, 121; Condominio Eldorado  
São José dos Campos - SP - Brazil  
ZIP Code 12238-571 • www.fibraforte.com.br

## TECHNOLOGY PARTNERSHIP INTEREST

### SPACE SEGMENT:

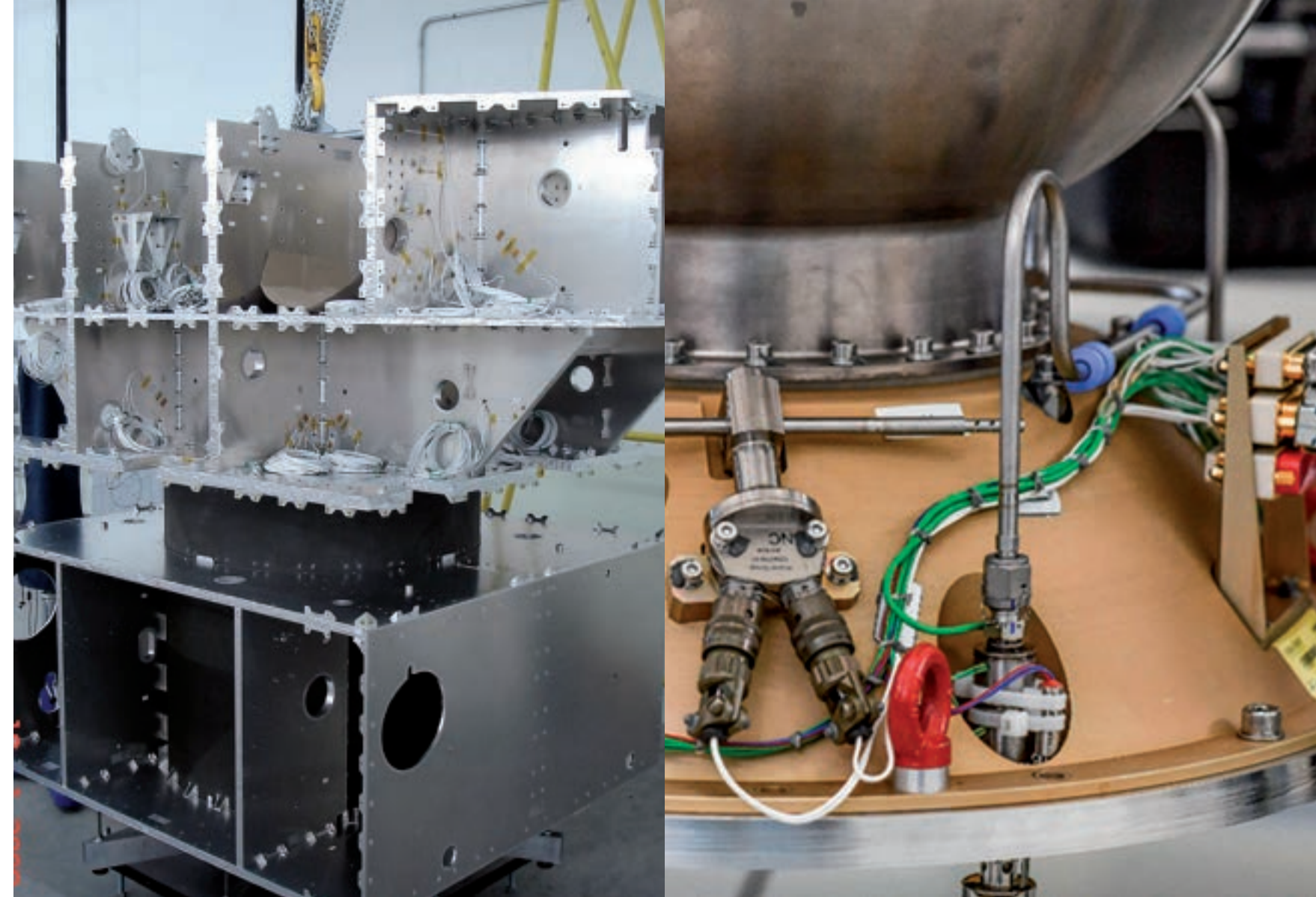
- Green Propulsion: development of monopropellant thruster using non-toxic propellant;
- Electric Propulsion: Ion Thrusters or Hall Effect Thrusters or Pulsed Plasma Thrusters;
- Structure and Mechanism for launchers: payload fairing, separation system;

### AIRCRAFT SEGMENT:

- Product Development: Engineering Service on structure and mechanism;
- Support to certification: test devices and/or implementation of tests for aircraft structural and mechanism;
- Advanced Technologies on aircraft: Engineering and process development;
- New Technologies: Electrical Propulsion systems; wing and control surface configuration;

## MAIN CONTACT

Jadir Nogueira Gonçalves  
Director  
jadir.goncalves@fibraforte.com.br • +55 12 98111-9541





# Figwal Transportes Internacionais Ltda

## COMPANY DESCRIPTION

FIGWAL, an entirely Brazilian Company, since 1983 negotiates and handles services in International Freight Forwarding by sea, air, sea-air and multimodal, as well as custom-made projects coordination.

## MAIN PRODUCTS & SERVICES

- Airport Services
- Consulting
- Logistics
- Ground Support Equipment
- Mechanical Hardware
- Research and Development
- Space Systems and Equipment
- Special Process
- Testing and Certification
- Tooling

## INDUSTRIES THAT APPLIED

Our network is comprised of leading selected agents, many of them with more than a century of experience in our business, operating in over 70 countries throughout all continents. Through this network, we can provide competitive rates, high standard servicing in import, export, clearance, door-to-door delivery services, logistics, chartering etc. We are certified by all major Brazilian and International Entities such as IATA, FIATA, SNEA, ANAC, BACEN etc. You can rely on our International Experience and Brazilian Flexibility!

## ADDRESS

Av. Brigadeiro Faria Lima, 1169 Pq. Martim Cererê  
São José dos Campos - SP - Brazil  
ZIP Code 12227-000 • www.figwal.com.br

## INFRASTRUCTURE, FLEET AND WAREHOUSES

Our investments in warehousing and fleet acquisitions guarantee our partners and customers a reliable and longterm relationship, increasing the number of available services we offer and consequently achieving therefore a higher reliability and quality of our products.

- Forklift up to 3000 kg
- Scale for weight check up to 3000 kg
- 24 hours security
- Fumigation area

## CERTIFICATES

The countless number of letters of recommendation show clearly the high level of customer satisfaction and fidelity among our clients. Highly renowned companies of the most several fields of activity are attesting constantly our technical capacity.

## TECHNOLOGY PARTNERSHIP INTEREST

We are interested in joint ventures and partnerships for the International Logistics Transportation.

## MAIN CONTACT

Ana Maria Renó Minucci  
Branch Supervisor  
anamaria.sjk@figwal.com.br • +55 12 99680-1500





## Finetornos Aerospace

### COMPANY DESCRIPTION

Finetornos began its activities in 1976 based on the ideology and entrepreneurship of its founder Hernandes Fim, a professional with broad experience in the machining sector with national and multinational companies.

We develop and manufacture machined, productive, structural and mechanical parts and complement the supply with special assembly processes, we produce: hardmetal flap panels, hardmetal pylon ribs, frames, supports, coatings, reinforcing plates, lock pins, platforms, ironworks, rails, chutes, connections, plates, forks, actuator support assembly, spindles, sector seam, ramp guide, rods, anchor plates, dowel stabilizer, triggers, cams.

We manufacture parts for commercial, executive and military aviation for the Embraer series airplanes.

The aeronautic parts manufactured by Finetornos are used everywhere in the aircrafts, such as: Triggering, Doors, Entry Ramps, Flooring, Wings, Flaps, Pylon Boxes, Engines, Fuselage, Cabin, Landing Gear, Stabilizers, Seats, Door Parts, Avionic Supports, Coatings.

### MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Devices, Aircraft parts
- Machining

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Machining Aircraft parts
- Satellite, Spacecraft, Satellite Telecommunications
- Militar Defense

### ADDRESS

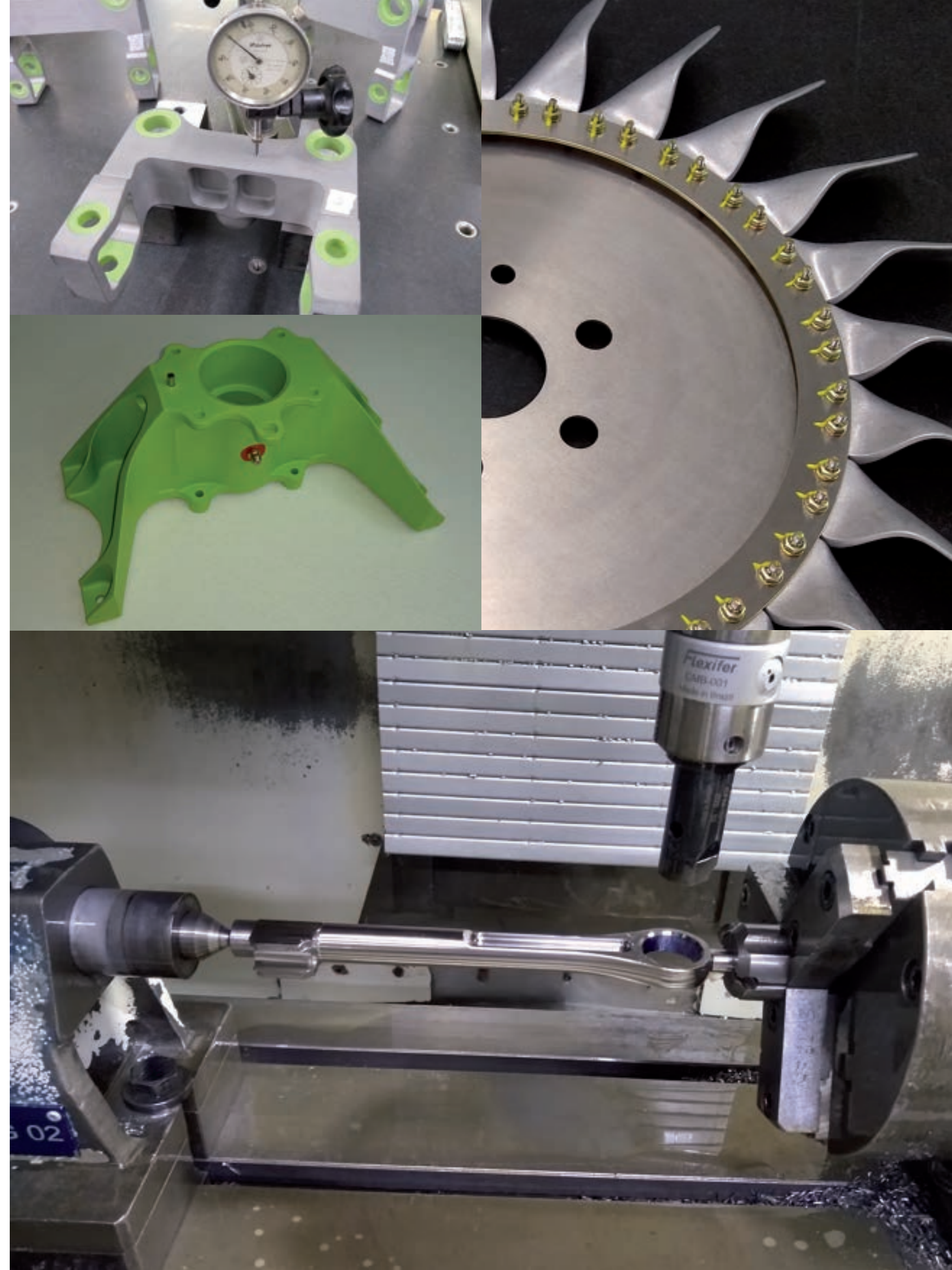
Francisco Alves de Almeida, St., 50  
Campinas - São Paulo - Brazil  
ZIP CODE: 13031650  
www.finetornos.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

We are interested in joint ventures and partnerships to receive new technologies for the production of machined parts in ferrous and non-ferrous alloys, stainless alloys and hard metal alloys, complementing with the production and supply of aeronautical assemblies components in supplying Brazilian OEM and exporting customers in other countries.

### MAIN CONTACT

Edson Jorge Fim  
Commercial and Development Director  
edsonjfm@finetornos.com.br  
+55 19 32722366 / 99294 6713





## Fundação Ezute

### COMPANY DESCRIPTION

Fundação Ezute is a private, non-profit organization that provides innovative solutions in technology and management domains to the challenges and problems confronted by Brazilian institutions.

Ezute collaborates with Brazilian organizations' transformation and effectiveness improvement, in particular with Public Sector Agencies. To this end, it can contribute to projects involving: Absorption, Management and Transfer of Technology; Application of Systems Engineering; Research, Development & Innovation (R, D & I); Complex Project Management; and Education and Training. It also supports the socioeconomic development, sovereignty and technological autonomy of Brazil. The Brazilian Government recognizes Ezute as a Strategic Defense Organization (EED) and as an Institution of Science and Technology (ICT). Launched in 1997, Ezute has developed many major programs, generating important impact for the Brazilian government and society. Ezute works in different domains such as Air Traffic Control and Management, Space and Defense, Public Security, Public Health, Environment Protection, Transportation and Public Management.

### MAIN PRODUCTS & SERVICES

- Air Traffic
- Advanced Defense Systems
- Consulting
- Engineering Services
- Environmental Systems
- Integrations Services
- Missiles and Weapons
- Research and Development
- Software Development
- Space Systems and Equipment
- Technical studies (e.g. feasibility, business plans, analysis of alternatives, surveys, assessment, etc) considering Brazilian policy and national aspects related to the space sector
- **Satellite, Spacecraft, Satellite Telecommunications** – System Conception, Specification and Design, Program Management
- **Militar Defense** - System Conception, Specification, Design, Development, Integration, Deployment and Management
- **Services** - R&D, Program Management

### INDUSTRIES THAT APPLIED

- **Aerial/UAV** - System Conception, Specification, Design, Development, Integration, Deployment and Management

### ADDRESS

Rua do Rocio, 313 – 11º Andar  
São Paulo - SP - Brazil  
ZIP CODE: 04552-904  
www.ezute.org.br

### MAIN CONTACT

Carlos Eduardo de Almeida Barbosa Junior  
Business Development Manager  
ceduardojr@ezute.org.br  
+55 11 3040-7355





# Globo Central de Usinagem Ltda

## COMPANY DESCRIPTION

Founded in 1985 with the head office in Jambiero – SP, GLOBO is specialized in high precision machining parts and assemblies with more than 80 high-tech machines, such as Milling of 3, 4 and 5 axis up to 4 meters and Multi-Tasking Lathes.

With a strong Integrated Management System GLOBO is always looking to be a solution and trust for its costumers.

## MAIN PRODUCTS & SERVICES

- Assembly
- Devices, Aircraft parts
- Landing Gear System and Equipment
- Machining
- Space Systems and Equipment

- Pilot & nav aids and onboard equipment systems
- Maintenance, product support and spares, transport
- Services

## INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense

## TECHNOLOGY PARTNERSHIP INTEREST

GLOBO USINAGEM is looking for partners that can support improve of competitiveness, development of new products, process, technologies and also share knowledge

## ADDRESS

331, Rodolfo Alberto Wisling Street  
Jambiero - SP - Brazil  
ZIP Code 12270-000 • [www.globousinagem.com.br](http://www.globousinagem.com.br)

## MAIN CONTACT

Mauro Aparecido de Paula Ferreira  
CFO  
[mauro@globousinagem.com.br](mailto:mauro@globousinagem.com.br) • +55 12 99727-3314





# Grauna Aerospace Ltda

## COMPANY DESCRIPTION

Grauna Aerospace LTDA, founded in 1990, operates in the Aeronautical, Aerospace and Defense markets, providing its customers high quality products and services, technology and on time delivery. It is certified to the AS 9100 standard.

Located in São José dos Campos, São Paulo, Brazil, it has a total area of 7,240 m<sup>2</sup> and a production area of 4,380 m<sup>2</sup>.

In the Aerospace and Aeronautics segments, it provides machined structural parts and assembly of structural subsets through the riveting process.

Between 2004 and 2012, it had a strong participation in the supply of turbine parts to the Canadian company Pratt & Whitney. This relationship gave Grauna a great learning experience, further leveraging its technological level.

Its technological park is composed of; Multi-Task machines with up to 9 axes, horizontal and vertical CNC machining centers with 3 and 4 axes, CNC lathes, cylindrical and conventional CNC grinders, flat and cylindrical.

## MAIN PRODUCTS & SERVICES

- Assembly
- Devices, Aircraft parts
- Ground Support Equipment
- Machining

## INDUSTRIES THAT APPLIED

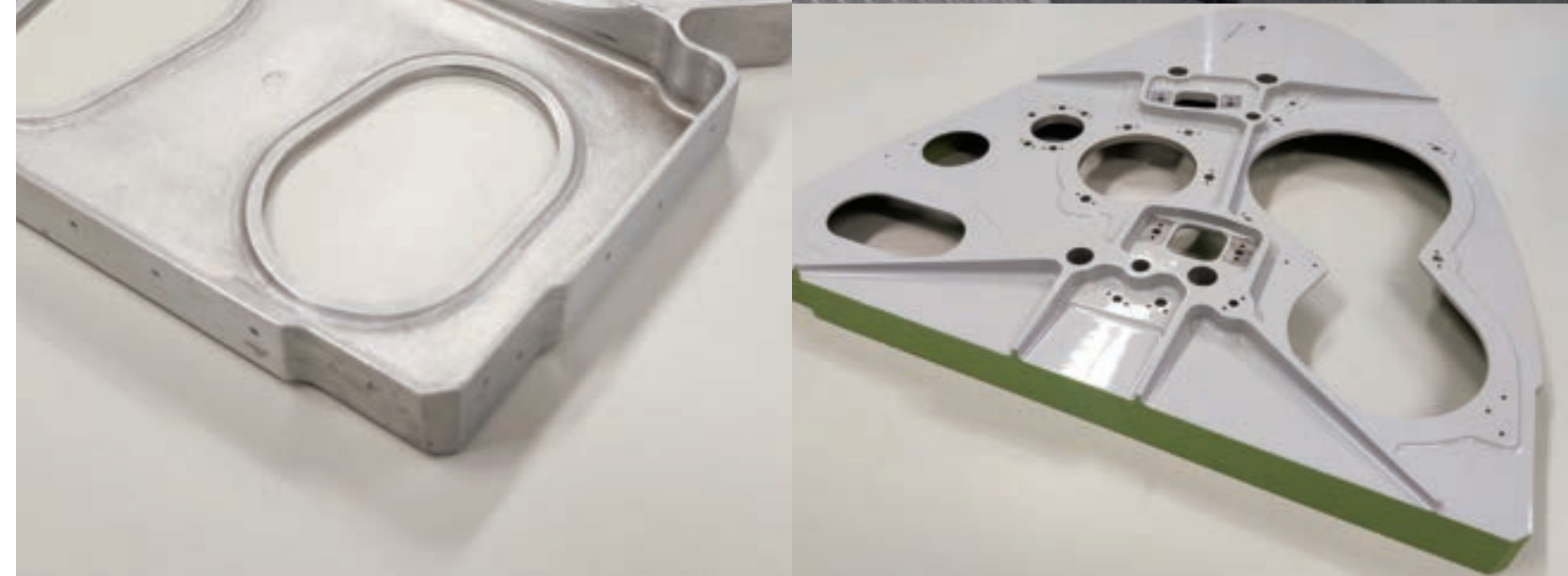
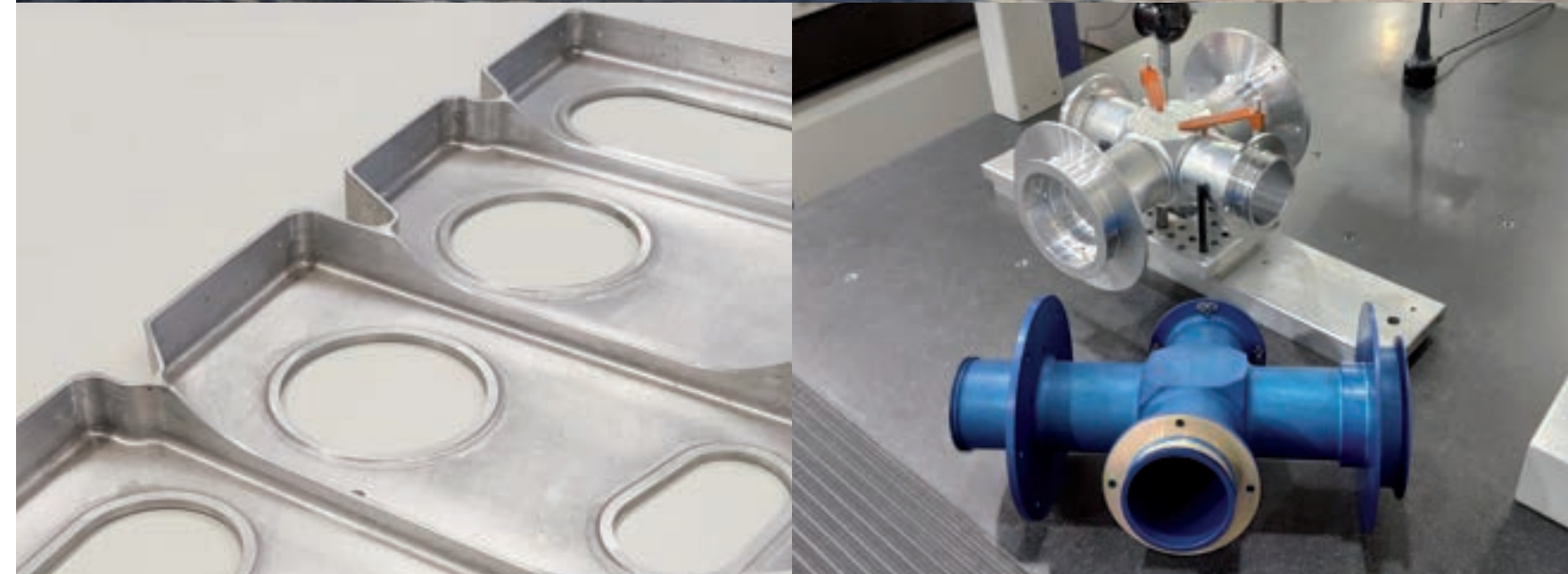
- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense

## ADDRESS

Rua Januaria, 1100 – Chacaras Reunidas  
 São José dos Campos - SP - Brazil  
 ZIP Code 12.238-500 • www.graunaerospace.com.br

## MAIN CONTACT

Irineu Carpini Filho  
 Director  
 irineu.carpini@graunaerospace.com.br • +55 12 3221-3500





## Grecco Técnica Indústria e Comércio de Máquinas Ltda

### COMPANY DESCRIPTION

The company was born in 1988 in the nationalization program of aeronautical items of the Brazilian Air Force to develop parts of aircraft, tools and maintenance equipment on the ground according to the needs, in order to keep the FAB aircraft fleet flying, under the control of CABESP (Brazilian Aeronautical Commission in São Paulo) has developed more than 350 different items totalizing more than 50,000 parts and various maintenance equipment for military use.

In parallel, development services for more than 15 years with the private company LATAM, with more than 75 TF's (products supplied, developed and nationalized) with more than 50 thousand parts produced and supplied, among them small and medium size tools for the storage of inflatable emergency exit ramps, various parts of the aircraft interior, medical oxygen systems adapted to the seat, safes for carrying firearms, parts of armchairs (Avio, Recaro), among others.

### MAIN PRODUCTS & SERVICES

- Engineering Services
- Machining
- Mechanical Hardware
- Special Process
- Stamping
- Tooling
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Maintenance, product support and spares, transport

### ADDRESS

Rua Frauentfeld, 141  
São Paulo - SP - Brazil  
ZIP Code 02442-000 • www.greccotecnica.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

With the experience of more than 30 years developing the most varied aeronautical items together with the FAB, we seek the opportunity to participate in new developments such as the design and manufacture of items, tools, devices, nationalization or creation. We have the ability to create and manufacture the most varied items, from small parts to ground equipment for aircraft, we also design and build various production tools such as thermoplastic injection, rubber, stamping.

### MAIN CONTACT

Alexandre Marques Costa  
Director  
greccot@uol.com.br • +55 11 98425-9946





# Helibras Helicopteros do Brasil S.A

## COMPANY DESCRIPTION

Helibras, an Airbus Helicopters subsidiary with participation of the State of Minas Gerais, is the only turbine helicopter manufacturer in Latin America with its industry based in Itajubá, Minas Gerais State.

With more than 40 years of presence and investments in Brazil, the company has made a long-term commitment by employing locally via its manufacturing facilities, complete R&D, suppliers facilities and Training Center.

Helibras also has facilities in São Paulo, Rio de Janeiro, Atibaia and Brasília and employs around 500 employees.

Helibras supplies helicopters for several types of missions such as military operations, Oil&Gas, Helicopter Emergency Medical Service, Law Enforcement & Public Services, Air Taxi, Firefighting, among others.

Leader with 50% of the helicopter fleet share, Helibras has delivered more than 800 helicopters. It has been ensuring National Strategic Sovereignty, allowing Brazil to be one of the few countries with high autonomy in the helicopter area.

Through the Flying Challenge, an Airbus Foundation initiative for youth development in Brazil, Helibras is constantly giving back to its communities.

## MAIN PRODUCTS & SERVICES

- |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Avionics</li> <li>• Advanced Defense Systems</li> <li>• Assembly</li> <li>• Certification</li> <li>• Devices, Aircraft parts</li> <li>• Documentation</li> <li>• Engineering Services</li> <li>• Engine Systems and Equipment</li> <li>• Electrical Hardware Supplies, Cabling Harness</li> <li>• Flight Simulators, Trainers</li> <li>• Integrations Services</li> <li>• Logistics</li> </ul> | <ul style="list-style-type: none"> <li>• Maintenance, Repair and Overhaul</li> <li>• Mechanical Hardware</li> <li>• Missiles and Weapons</li> <li>• Navigation Systems and Equipment</li> <li>• Painting</li> <li>• Technical Support</li> <li>• Testing and Certification</li> <li>• Training</li> </ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## INDUSTRIES THAT APPLIED

- Militar Defense
- Maintenance, product support and spares, transport
- Services

## ADDRESS

Av. Santos Dumont, 200  
Itajubá - MG - Brazil  
ZIP Code 37504-900 • www.helibras.com.br

## MAIN CONTACT

Jean-Luc Alfonsi  
Managing Director  
presidencia@helibras.com.br • +55 35 2143-4000





# IACIT Soluções Tecnológicas S.A

## COMPANY DESCRIPTION

IACIT was founded in 1986 and is now a world-renowned Brazilian company headquartered in the city of São José dos Campos, a crucial technological hub for the aerospace industry in Brazil, and a reference for professional quality in all of Latin America and beyond.

We provide a rich expertise in numerous technological fields, most notably in the areas of Air Traffic Control, NavAid (Navigation Aids), Defense and Public Security, Meteorology, and many, many others.

Proudly certified as a Strategic Defense Company (EED), IACIT is globally recognised for its vast scientific knowledge, its cutting-edge technological development, and its extensive array of state-of-the-art products and systems. But we are not satisfied. Instead, we are constantly driven by an ambition to not only be among the top companies in Brazil, but rather dominate our market through diligence, determination, and a desire to take our company and its products to the next level.

## MAIN PRODUCTS & SERVICES

- Air Traffic
- Advanced Defense Systems
- Communication Systems
- Engineering Services
- Electronic Systems
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- Integrations Services
- Maintenance, Repair and Overhaul
- Navigation Systems and Equipment
- Research and Development
- Original Equipment Manufacturer
- Software Development
- Surveillance
- Technical Support

## INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications Services
- Militar Defense
- Pilot & nav aids and onboard equipment systems
- Maintenance, product support and spares, transport
- Services

## MAIN CERTIFICATIONS



## ADDRESS

Rod. Presidente Dutra, km 154,7 - Prédio 4, Ala A  
 São José dos Campos - SP - Brazil  
 ZIP Code 12240-420 • www.iacit.com.br

## MAIN CONTACT

Gustavo de Castro Hissi  
 CMO - Chief Marketing Officer  
 marketing@iacit.com.br • +55 11 3797-7777



**OTH 0100**  
 Radar Más Allá del Horizonte  
*Over-the-Horizon Radar*

**SCE 0100 | SCE 0200**  
 Sistema de Contramedida Electrónica  
*Electronic Countermeasure System*

**DME 0200**  
 Distance Measuring Equipment

**GBAS 0100**  
 Ground Based Augmentation System

**RMT 0200**  
 Radar Meteorológico Banda S  
 Doble Polarización en Estado Sólido  
*Solid State Dual Polarization S-band Weather Radar*





## Imagem Automação e Usinagem Ltda

### COMPANY DESCRIPTION

The Imagem Group has been in the market for 30 years and has more than 2000 clients, including private companies and government corporations across the country.

Active in the segments of Electrical Energy, Sanitation, Agribusiness, Engineering, Defense, Mining, Oil and Gas, among others, recently started its activities in the Metal-Mechanical segment with a focus on Manufacturing Management.

With an area of 2000 m<sup>2</sup>, a team highly qualified to work in various segments such as aeronautics, assembly of assemblies, maintenance, precision machining.

It currently has a machine park composed of a 5-axis machining center in an air-conditioned and controlled room, a machining center 3 and 4-axis; a turning center with driven tool; a flat and a cylindrical grinding; in addition to milling machines and lathes.

We also have a complete dimensional control sector, for inspection, equipped with calibrated instruments to ensure total quality control, digital profile projector and CNC three-dimensional. Every item is analyzed by the Process Engineering Team before being released. Further guaranteeing the final quality of the product.

Our Quality Management System is certified in compliance with AS9100D standards and also with ISO 9001/2015, thus guaranteeing the quality of the products and services provided.

### MAIN PRODUCTS & SERVICES

- Interior, Interior Design
- Machining

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications Services
- Militar Defense
- Maintenance, product support and spares,transport

### ADDRESS

Rua Joçaba, 31 – Chácaras Reunidas  
São José dos Campos - SP - Brazil  
ZIP Code 12238-530 • www.imgautomacao.com.br

### MAIN CONTACT

Jean Pierre Farias Costa  
Sales Manager  
jcosta@imgautomacao.com.br • +55 12 981340134





## Indústrias ROMI S.A.

### COMPANY DESCRIPTION

We start our activities in 1930, as a car shop, founded by Américo Emílio Romi, in Santa Bárbara D'Oeste – SP – Brazil. Today, we are an internationally acknowledged company, which products and services are marketed domestically and exported to all continents. We supply for industries such as automotive components manufacturing, consumer goods, agricultural machinery and implements, education and industrial machinery and equipment, by employing quality, technology and reliability.

We are acknowledged by our innovation capacity and advanced technology employed in our products, processes and industrial plants, we own a large number of patents of inventions and we perform an annual investment of about 4% of our annual net earnings in Research and Development, always in a permanent search for better solutions for our markets.

Over and above the direct development of technology for our products, we do investment in relationships and partnerships with academic sector and technology institutes, and cooperation agreements with other global leader companies in their sectors.

### MAIN PRODUCTS & SERVICES

- Machining
- Maintenance, Repair and Overhaul
- Original Equipment Manufacturer
- Machine tools (metal cutting machines), such as Turning Centers, CNC Lathes, Engine Lathes and Machining Centers.
- Plastic Processing Machines (Plastic Injection Moulding Machines and Blow Moulding Machines).
- Gray and nodular castings, supplied rough or machined.

### INDUSTRIES THAT APPLIED

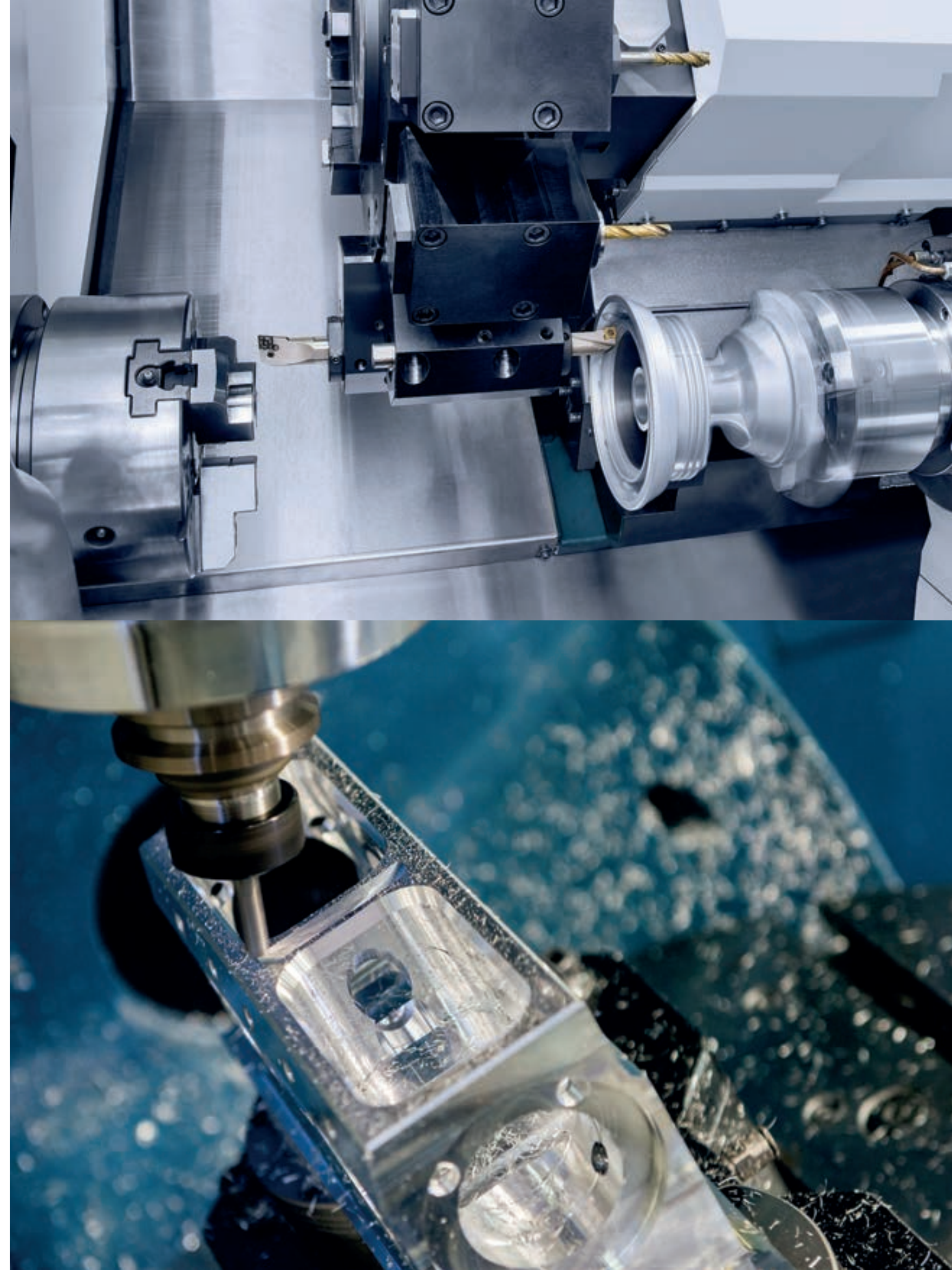
- **Aerial/UAV** - Romi machine tools are used for all aerospace segments to produce parts of miscellaneous materials as steel, aluminium, titanium, composites, etc.
- **Satellite, Spacecraft, satellite telecommunications** - Romi already delivered a lot of machines to aerospace segment companies, including ITA – Instituto de Tecnologia Aeroespacial, where are develop studies and research about innovations to Aerospace segment in machining field
- Maintenance, product support and spares, transport

### ADDRESS

Rodovia SP 304, KM 141,5  
 Santa Bárbara D' Oeste - São Paulo - Brazil  
 ZIP CODE: 13459-057  
[www.romi.com](http://www.romi.com)

### MAIN CONTACT

Gerson Martins  
 Chefe de Engenharia de Vendas  
[gmartins@romi.com](mailto:gmartins@romi.com)  
 +55 19 3455 9129





## ITAKAR – Humberto Mancilha Dias & Cia Ltda

### COMPANY DESCRIPTION

Specialized in designing and manufacturing industrial tools and special devices, Itakar was founded in 1985 in the city of Itanhandu-MG, Brazil.

With a qualified technical staff (design team) and a production area of its own (welding, machining, assembly) and, with a Quality Policy that always seeks the excellence of the services performed, today it has technical-financial ballast to work on major projects.

Itakar has been an Embraer's Supplier for more than 20 year, offering solutions in design, tooling manufacturing, special devices, metrology and others.

We pride ourselves in delivering a complete solution to our clients.

### MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Engineering Services
- Ground Support Equipment
- Industrial Metrology
- Machining
- Maintenance, Repair and Overhaul
- Tooling

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Maintenance, product support and spares, transport
- Services

### TECHNOLOGY PARTNERSHIP INTEREST

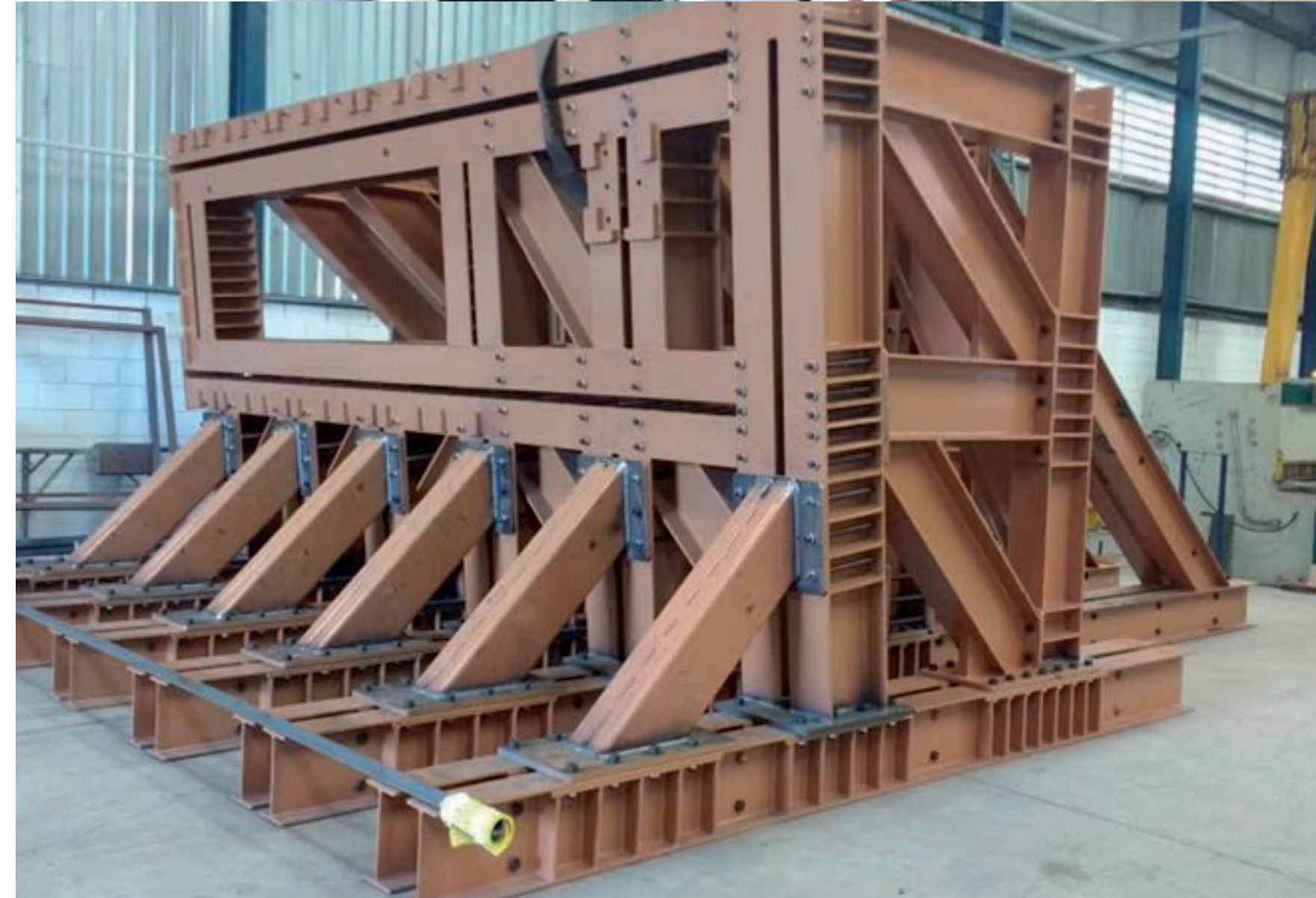
We are seeking technology partners to further specialize the services and products that Itakar offers and to be able to reach international markets.

### ADDRESS

Rua dos Lamins, 519 – Parque Industrial  
Itanhandu- MG- Brazil  
ZIP CODE: 37.464-000  
www.itakar.com.br

### MAIN CONTACT

Ana Paula de Almeida Pena Dias  
Director  
anapaula@itakar.com.br  
+55 35 3361-2255





## John Bean Technologies Máquinas e Equipamentos Industriais Ltda

### COMPANY DESCRIPTION

A JBT Aerotech possui filial no Brasil e oferece soluções completas de equipamentos de suporte de solo, pontes de embarque, rebocadores, equipamentos para carga e descarga, removedores de gelo, além de uma ampla gama de serviços de suporte e manutenção. Somos líderes no mercado americano, com mais de 60 anos de história e muita experiência com os equipamentos de solo. Também possuímos tecnologia de nível militar para atender ao mercado nacional e internacional.

### MAIN PRODUCTS & SERVICES

- Ground Support Equipment
- Original Equipment Manufacturer

### INDUSTRIES THAT APPLIED

- Militar Defense
- Maintenance, product support and spares,transport

### ADDRESS

Av. Engenheiro Camilo Dinucci, 4605  
Araraquara - SP - Brazil  
ZIP Code 14.808-900 • www.jbtc.com

### MAIN CONTACT

Bruno Delalibera Valetta  
Analista de Marketing  
bruno.valetta@jbtc.com • +55 16 99244-4973





# Kraüss Aeronáutica Indústria e Comércio de Aeronaves Ltda

## COMPANY DESCRIPTION

KRAUSS AERONAUTICA, is a Brazilian dynamic company that operates in the area of Experimental and Civil/Executive/Military Aircraft. The objective of Krauss Aeronautica is to manufacture aircrafts and parts for civil and military industry, both for national and international markets, and the provision of services by means of national and/or international industrial cooperation and/or partnerships with aircraft manufacturers and universities.

KRAÜSS AERONAUTICA, is committed to make aircraft and parts at low costs and with the high reliability, in order to meet the most varied needs in the aeronautical areas and services. The company's mission is to seek excellence in the aeronautical market. The company is deeply committed to meeting the needs of its customers and constantly focus on customer satisfaction.

KRAÜSS AERONAUTICA is aiming to provide security and comfort in order to contribute to the development of the whole society, employees, partners, services and aeronautical business in Brazil. One of the main advantages of the company is the fact that the company's aircrafts are designed by operators for operators. Because of that fact the needs of the future operators are fully covered. Additionally, special focus on security and comfort of crew via positive pressure cockpit, fine visibility and anti-fire devices installation is given.

## MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Consulting
- Documentation
- Engine Systems and Equipment
- Ground Support Equipment
- Maintenance, Repair and Overhaul
- Mechanical Hardware
- Raw Material Supplies
- Research and Development
- Original Equipment Manufacturer

- Stamping
- Technical Support
- Training
- Tooling
- Miscellaneous/Others

## INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense
- Maintenance, product support and spares, transport
- Services

## ADDRESS

Rua Prefeito Oscar Ferreira Prado, 82A – BR 491  
Paraguaçu - MG - Brazil  
ZIP Code 37.120-000 • www.kraussaero.com.br

## MAIN CONTACT

Roberto Brandão Serrano  
CEO  
contato@kraussaero.com.br • +55 35 99850 2954





## Lace Serviços de Engenharia e Representação Ltda

### COMPANY DESCRIPTION

Company specialized in solutions to allow electronic equipment seamless operation regarding their electric or electromagnetic interconnection. This includes: EMI filter design and manufacturing, Test & Analysis, Consulting in E3, MRO.

### MAIN PRODUCTS & SERVICES

- Advanced Defense Systems
- Assembly
- Communication Systems
- Consulting
- Engineering Services
- Electrical Hardware Supplies, Cabling Harness
- Electronic Systems
- Integrations Services
- Maintenance, Repair and Overhaul
- Research and Development
- Original Equipment Manufacturer
- Software Development
- Technical Support
- Testing and Certification
- Training
- Electromagnetic Environmental Effects filter development to allow Guarany's (Brazilian Army vehicle) pump qualification; Brazilian Army Portable Transceiver TRC-1222 analysis and partial redesign to allow qualification of Electromagnetic Environmental requirements.
- Virtual simulation of electromagnetic effects; resolution of non-conformity and redesign of electronic hardware and complex systems; EMI / EMC laboratory testing services

### TECHNOLOGY PARTNERSHIP INTEREST

LACE is looking for potential partnerships for:

- In-company engineering
- Manufacturing and design of electronic hardware / systems
- Offset Contracts
- MRO contracts
- Participation in projects requiring Brazilian content

### INDUSTRIES THAT APPLIED

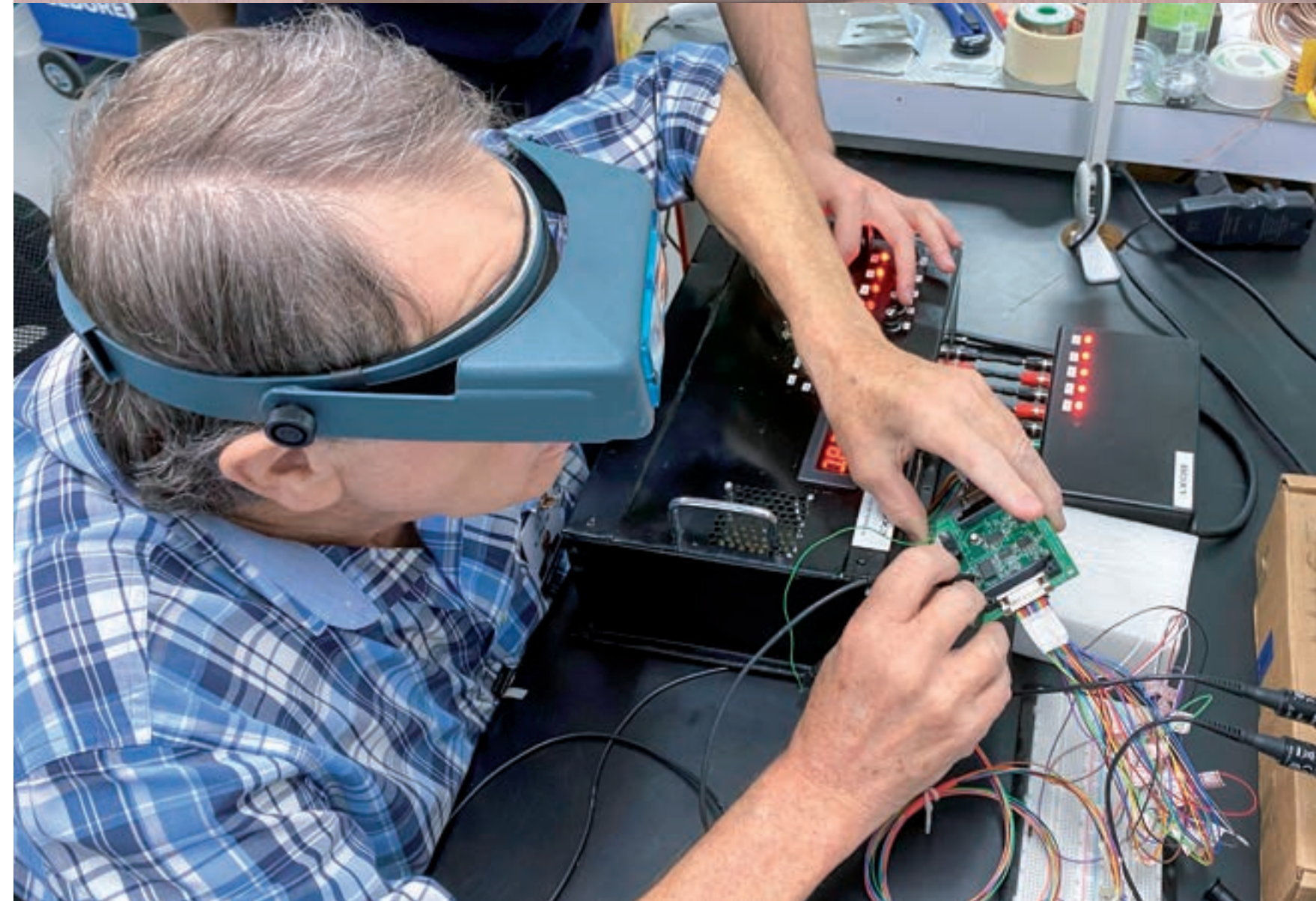
- LACE supplies electric discharge surge suppressors for the Embraer KC-390 and for the Legacy 500 and its derivatives.
- Electromagnetic Environmental Effects qualification tests for M20 and M60 military radars.

### ADDRESS

Av. Doutor Altino Bondensan, 500, CE4 sala 1303  
 São José dos Campos - SP- Brazil  
 ZIP CODE: 12.247-016  
 www.laceeng.com.br

### MAIN CONTACT

Rodrigo B. Junqueira  
 Business Director  
 rodrigo@laceeng.com.br  
 +55 12 9 8127 4685





## Legado Usinagem Ltda

### COMPANY DESCRIPTION

Legado Usinagem has been operating since 2003 in the Aerospace market. We design and produce machines, templates, devices and parts machined in 5 axes. We are suppliers of tooling to Embraer and rocket parts to the Brazilian Government, where we produce 90% of the VSB30 Rocket.

### MAIN PRODUCTS & SERVICES

- Devices, Aircraft parts
- Engineering Services
- Ground Support Equipment
- Industrial Metrology
- Machining
- Mechanical Hardware
- Missiles and Weapons
- Tooling
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications
- Militar Defense

### TECHNOLOGY PARTNERSHIP INTEREST

We are looking for partners who want to develop space and aeronautical manufacturing technologies in Brazil.

### ADDRESS

Rua Jaguarão, 296 Chácaras Reunidas  
São José dos Campos - SP - Brazil  
ZIP Code 12238-410 • [www.legadousinagem.com.br](http://www.legadousinagem.com.br)

### MAIN CONTACT

Renato Esposito Duarte  
Diretor Comercial  
[rentao@legadousinagem.com.br](mailto:rentao@legadousinagem.com.br) • +55 12 3308-0004





## Lima & Bonfa Industria e Comercio de Ferramentas Ltda

### COMPANY DESCRIPTION

Machining of complex parts, with varied geometries and materials, specialized in the production of Hard Metal parts

### MAIN PRODUCTS & SERVICES

- Devices, Aircraft parts
- Engineering Services
- Ground Support Equipment
- Landing Gear System and Equipment
- Machining
- Miscellaneous/Others

### ADDRESS

Guido Segalho 375, 361, 345  
Sumaré- São Paulo - Brazil  
ZIP CODE: 13180-510  
www.limabonfa.com.br

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport

### TECHNOLOGY PARTNERSHIP INTEREST

We are looking for a partner that needs the machining and mechanical assembly service demands.

### MAIN CONTACT

Wendell Jorge de Lima  
Director  
comercial@limabonfa.com.br  
+55 19 99232-2167





# Logistics International Associates LIA & Airship do Brasil- ADB

## COMPANY DESCRIPTION

LIA is a multidisciplinary company and works in several areas related to DEFENSE and AEROSPACE, in partnership with other companies. In operation since 1995, LIA has a significant portfolio of projects carried out, such as the Airship do Brasil airship and aerostats. Currently, it also works with eVTOL projects and high-tech consulting.

## MAIN PRODUCTS & SERVICES

- Structures
- Advanced Defense Systems
- Certification
- Consulting
- Documentation
- Industrial Metrology
- Maintenance, Repair and Overhaul
- Painting
- Research and Development
- Original Equipment Manufacturer
- Space Systems and Equipment
- Surveillance
- Testing and Certification
- Training

## INDUSTRIES THAT APPLIED

- Aerial/UAV
- HAP (High Altitude Platform with Airships)
- Defense (Airships and Aerostats)
- Pilot, Crew, Onbound Equipement
- Maintenance, Operation
- Airships and Aerostats Operations – Airships
- Manufacture / Construction – Certification - Maintenance

## ADDRESS

SQN 311 – E - 206  
Brasília - DF - Brazil  
ZIP CODE: 70.757-050  
www.lia-inc.com

## TECHNOLOGY PARTNERSHIP INTEREST

The modernization of transport modals has become a recurrent theme in Brazil as around the world, ceasing to be only a topic within academia to turn these topics into concrete objects that encompass private-public agreement initiatives with governments.

The cargo airship presents itself in this context as an ideal transport solution for countries where there are hard to reach regions by present modals. Also, HAP is the future, overall when 5g gets to the cities.

The airship has a VTOL (Vertical and Take Off Landing) capability that does not demand specialized infrastructure in contrast to conventional aircraft.

The ADB 3-15/30 project with Greenfield characteristics, has value added technological evolution with the perspective of pioneer applications such as hydrogen cells, organic photovoltaic solar panels and artificial intelligence that are in accordance to the evolutionary nature of our ever-increasing digital social life.

Logistics International Associates – LIA and Airship do Brasil - ADB's capacity in accomplishing the complete technological cycle pertaining to the lighter than air market, puts the company in a special position within the competitive LTA market that is increasingly segmented and competitive.

However, it is necessary and imperative that MCTIC intelligence, engineering, human talents participate in this project, and we, all together will enable a faster adaptation, as well as a better definition of the teams that will lead the new transportation, Defense and Logistics revolution, leading by MCTIC and LIA, will proceed to the definition of the type of airship, international consultants and the physical financial schedule to follow.

With a special emphasis in in certificating LTA and with the ability to operate in any region or continent, LIA & ADB fulfills its role offering the opportunity of investments and the sharing of technological development in the international market.

## MAIN CONTACT

DR. Marcelo Augusto de Felippes  
CEO  
felippes@hotmail.com.br  
+55 61 98450-9718





## LUNUS Comércio e Representação Eireli

### COMPANY DESCRIPTION

LUNUS is a 25 years old Brazilian company established only with Brazilian resources. Its main capabilities are focused on the supply of aerospace equipment and systems, their installation and maintenance, as well as rocket launching facilities maintenance and retrofit. Additionally, LUNUS is also an international representative of American and European companies in the aerospace and defense areas.

### MAIN PRODUCTS & SERVICES

- Avionics
- Advanced Defense Systems
- Assembly
- Communication Systems
- Consulting
- Engineering Services
- Electrical Hardware Supplies, Cabling Harness
- Electronic Systems
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Integrations Services

- Logistics
- Research and Development
- Space Systems and Equipment
- Special Process
- Technical Support

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications
- Services

### TECHNOLOGY PARTNERSHIP INTEREST

Development of equipment applied to space ground systems and applications.

### ADDRESS

Rua Cel. João Cursino, 33 – Vila Icarai  
São José dos Campos- SP - Brazil  
ZIP Code 12.243-680 • www.lunus.com.br

### MAIN CONTACT

Marcus Moraes  
Executive Director  
marcus@lunus.com.br • +55.12.3202.8100





## Massucato Indústria e Comercio Ltda

### COMPANY DESCRIPTION

Since 1985 Massucato has been providing high quality solutions in machining precision services. The company focus to promote constant improvement in it's processes ensures the fulfillment of the most demanding clients necessities.

Our company is equipped with a range of high tech precision machines and tools.

### MAIN PRODUCTS & SERVICES

- Machining
- Tooling

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense

### ADDRESS

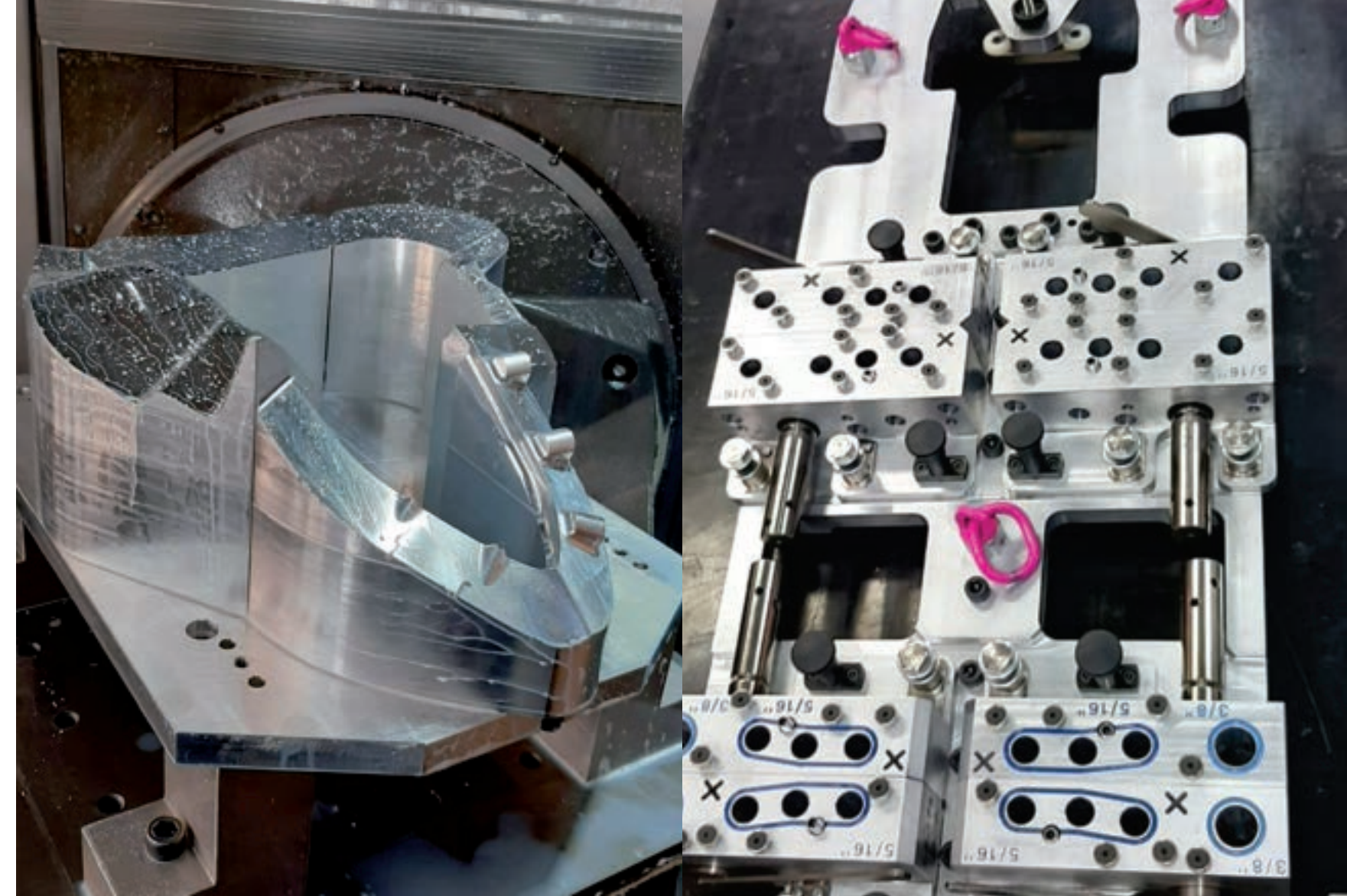
Rua Rui Ildefonso Martins Lisboa, 430 , Chácara Campos dos Amarais  
Campinas- SP - Brazil  
ZIP Code 13082-020 • [www.massucato.com.br](http://www.massucato.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

Massucato is looking for partners that can support improve of competitiveness, development of new products, process, technologies in the production of machined parts. In our industrial park we have a machining center of 3, 4, 5 axes, CNC lathes and turning center, allowing the complete machining of parts, of the most varied diameters and alloys, reducing the setup time, guaranteeing the optimization of the process and saving time in machining the most diverse products

### MAIN CONTACT

Jaqueline Reis Massucato  
Administrative Manager  
[jaqueline@massucato.com.br](mailto:jaqueline@massucato.com.br)  
+55 19 3246-0322





## Metalinox Cogne Aços Inoxidáveis Especiais Ltda

### COMPANY DESCRIPTION

Branch company distributor of Cogne Acciai Speciali stainless steels for many industrial segments including aerospace in Brazil and South América. Cogne is AS 9100 approved steel mill from Italy with more than 100 years traditions on stainless production. Stocks and commercial team available in São Paulo - Brazil

### MAIN PRODUCTS & SERVICES

- Raw Material Supplies (Aero Stainless Steels)

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport

### ADDRESS

Av. Presidente Wilson, 4382  
São Paulo- SP - Brazil  
ZIP Code 04220-001 • [www.metalinox.com.br](http://www.metalinox.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

Cooperate on new developments for aerospace application and state of art of materials for this noble application.

### MAIN CONTACT

Gilberto Sanches Gonzales  
Managing Director  
[gilberto@metalinox.com.br](mailto:gilberto@metalinox.com.br) • +55 19 9835-39754





## Metinjo Metalização Industrial e Importação Joseense Ltda

### COMPANY DESCRIPTION

Chemical Processes (Surface Treatment): Chromic Acid Anodizing; Sulfuric Acid Anodizing; Chemical Conversion (Alodine); Phosphate (Zinc and Manganese); Passivation on Stainless Steel; Hydrogen Relief; Stress Relief; Cadmium Plating (Conventional and LHE); Nital Etch; Copper Plating; Black Oxidation; Painting (Primer, Top Coat, Primer for fuel tanks); Molybdenum Disulfide; Flap Peening; NDT (Liquid Penetrant Inspection and Magnetic Particle inspection).

### MAIN PRODUCTS & SERVICES

- Painting
- Special Process
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Chemical Processing and Nondestructive Testing

### ADDRESS

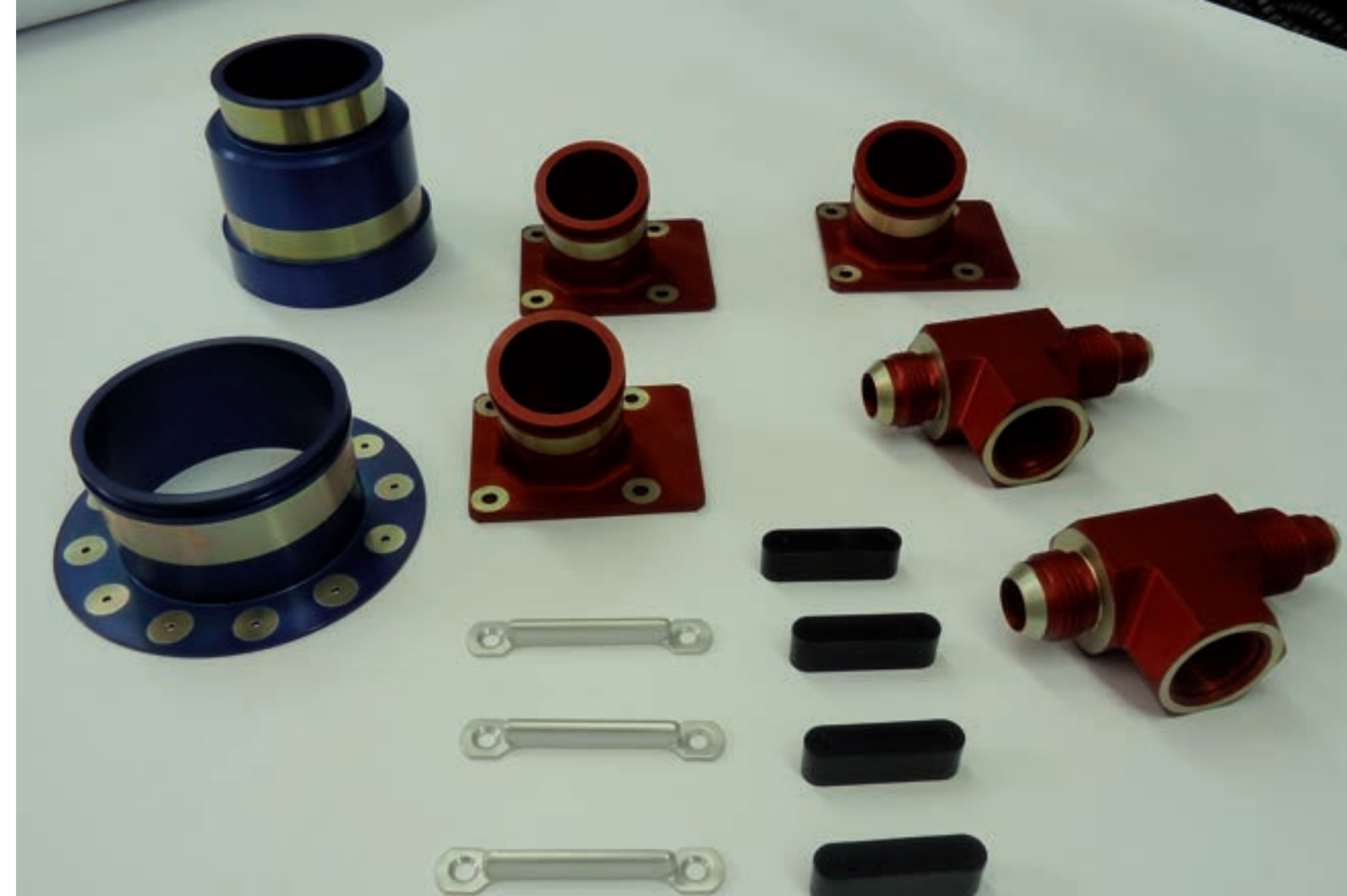
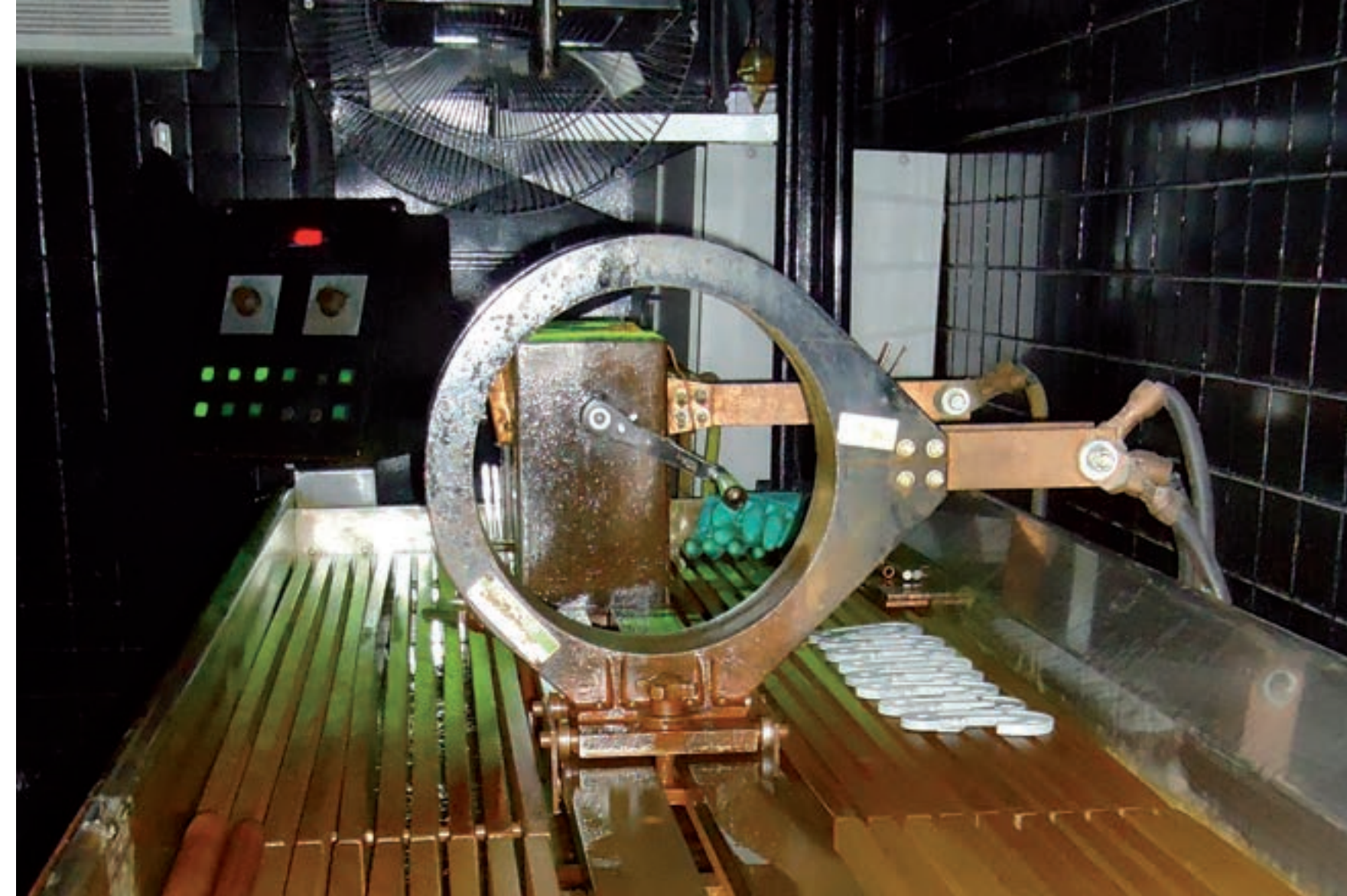
Rua Betim, 80 - Putim  
São José dos Campos - SP - Brazil  
ZIP Code 12228-080 • [www.metinjo.com.br](http://www.metinjo.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

Partnership with other machining companies and aircraft manufacturers to offer and perform Chemical Processes and NDT.

### MAIN CONTACT

Valquiria Barbosa de Castro  
Quality Supervisor  
[valquiriabcastro@metinjo.com.br](mailto:valquiriabcastro@metinjo.com.br) • +55 12 3944-9917





# Mogipack Dispositivos Industriais Eireli LTDA

## COMPANY DESCRIPTION

Mogipack manufactures equipment for industrial handling, integrated logistics, civil construction and airports.

## MAIN PRODUCTS & SERVICES

- Airport Services
- Structures
- Engine Systems and Equipment

## INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport - Manufacture and maintenance of ground support equipment

## ADDRESS

Estrada Yoneji Nakamura, 1150B  
Mogi das Cruzes - SP - Brazil  
ZIP Code 08772-011 • [www.mogipack.com.br](http://www.mogipack.com.br)

## TECHNOLOGY PARTNERSHIP INTEREST

Innovation, agility in the process.

## MAIN CONTACT

Carlos Alberto Yamanaka  
Commercial Director  
[diretoria@mogipack.com.br](mailto:diretoria@mogipack.com.br) • +55 11 99233-0102





## MTS Sistemas do Brasil Ltda

### COMPANY DESCRIPTION

MTS is a leading global supplier of test, simulation and measurement systems, differentiating ourselves through innovation, quality and an exceptional customer experience. We partner with our customers to revolutionize products and transform industries.

### MAIN PRODUCTS & SERVICES

- Engine Systems and Equipment
- Environmental Systems
- Flight Simulators, Trainers
- In-Flight Data Acquisition and Analysis
- Technical Support
- Training
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense
- Maintenance, product support and spares, transport
- Services

### TECHNOLOGY PARTNERSHIP INTEREST

Innovation, agility in the process.

### ADDRESS

Estrada Doutor Altino Bondesan, 500 - Centro  
Empresarial II Conj 1402 E 1404 - Eugênio de Melo  
São José dos Campos - SP - Brazil  
ZIP Code 12247-016 • [www.mtsbrasil.com.br](http://www.mtsbrasil.com.br)

### MAIN CONTACT

Kenneth M Manke  
Director  
[vendas@mtsbrasil.com.br](mailto:vendas@mtsbrasil.com.br)  
+55 11 5501-5300





## Usinagem Nadai Ltda EPP

### COMPANY DESCRIPTION

Nadai Usinagem is a family company operating in the parts manufacturer market since 1987, working with several sectors of the industry, such as oil, air, machine manufacturer, automobile, turbines. Nadai has adopted the ISO 9001 procedures since 1994 in its work practices and is certified by the ISO 9001: 2015 standard, since 2004 by the Automotive Quality Institute.

In 2010 Nadai also received the MPE Brasil Award, voted the 2nd best small industry in Brazil, an award granted by Sebrae and Fundação Nacional da Qualidade, for its good management practices.

### MAIN PRODUCTS & SERVICES

- Devices, Aircraft parts
- Engineering Services
- Engine Systems and Equipment
- Landing Gear System and Equipment
- Machining
- Maintenance, Repair and Overhaul
- Tooling

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Services

### TECHNOLOGY PARTNERSHIP INTEREST

We seek work methodology 4.0, always looking at the quality of work on the shop floor and the business sustainability

### ADDRESS

Rua das Petúncias, 500  
Americana - SP - Brazil  
ZIP Code 13467-070 • [www.nadaiusinagem.com.br](http://www.nadaiusinagem.com.br)

### MAIN CONTACT

Ivo De Nadai  
Sales Director  
[ivo@nadaiusinagem.com.br](mailto:ivo@nadaiusinagem.com.br) • +55 19 3406-2403





## Navtec Sistemas Aeronáuticos Ltda EPP

### COMPANY DESCRIPTION

NAVTEC AEROSPACE is a developer and manufacturer of Avionics Systems and Services, with all the experience accumulated in more than 30 years serving the Civil and Military industry, we are always ready to meet the most diverse needs of the sector. With its in-depth technological knowledge, our versatile R&D team is able to meet even the most demanding customer requirements.

NAVTEC stands out for offering innovative solutions and products in a wide range, from FCB to Helicopter Rotor RPM Monitors, DC / DC Voltage Converters, Aircraft Mounted Gun Control and Aim Units, Galley Chiller Ventilation Controllers, among others.

Navtec's objective is always to maintain product quality and the constant search for improvement through the application of research and development of new technologies.

### MAIN PRODUCTS & SERVICES

- Advanced Defense Systems
- Devices, Aircraft parts
- Maintenance, Repair and Overhaul
- Original Equipment Manufacturer

### INDUSTRIES THAT APPLIED

- Militar Defense
- Maintenance, product support and spares, transport

### TECHNOLOGY PARTNERSHIP INTEREST

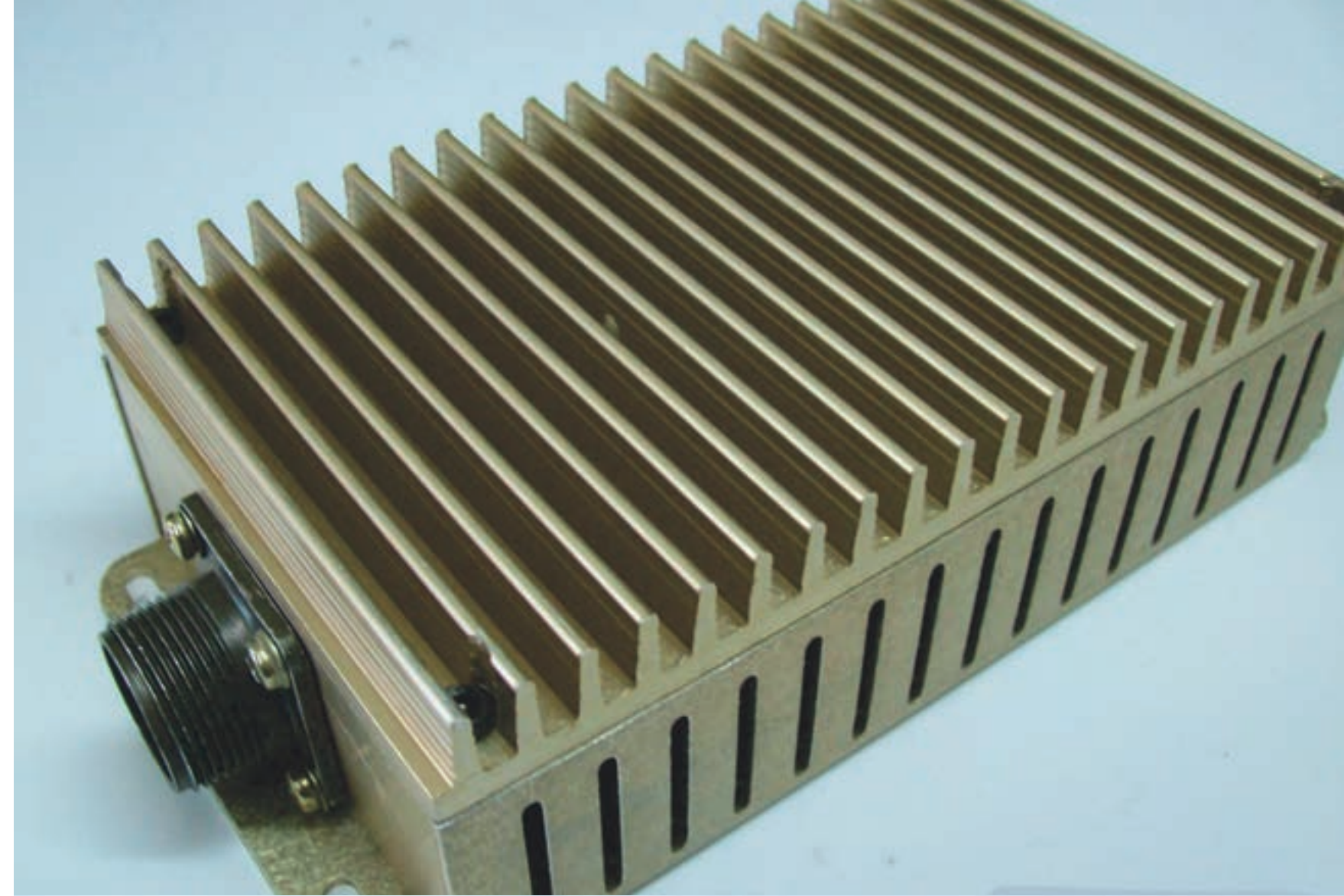
We seek work methodology 4.0, always looking at the quality of work on the shop floor and the business sustainability

### ADDRESS

Rua Marechal Floriano, No. 35 – Morro Chic  
Itajubá - MG - Brazil  
ZIP Code 37.500-088 • www.navtec.com.br

### MAIN CONTACT

Antonio Luiz Barbosa  
Managing partner  
barbosa@navtec.com.br • +55 35 3623-6167





## NCB Sistemas Embarcados EIRELI - EPP

### COMPANY DESCRIPTION

NCB is a technology-based company. Since its foundation, it has used the knowledge and relationship with the academy from the master's and doctoral activities of its founder and CEO to develop innovative value. It has always been focused on research and development projects, either in the provision of services for space projects that allowed its maintenance, or in the development of products. Currently, it is focused on Agriculture 5.0 with the development of equipment for the automation of biological agents releasing for the precision biological pest control through the use of drones. It has several types of dispensers that can be coupled to the drones, a mission planner for mobile devices, and a cloud management system with artificial intelligence.

### MAIN PRODUCTS & SERVICES

- Consulting
- Devices, Aircraft parts
- Engineering Services
- Electronic Systems
- Geoprocessing, Remote Sensing
- In-Flight Data Acquisition and Analysis
- Mechanical Hardware
- Navigation Systems and Equipment
- Research and Development
- Software Development
- Space Systems and Equipment
- Technical Support

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Drone piloting course
- Educational projects, consulting, modeling in 2D and 3D
- Agricultural automation and spraying.

### ADDRESS

Estrada Doutor Altino Bondensan, 500, PQTEC CE1 207  
 São José do Campos - SP - Brazil  
 ZIP CODE: 12.247-016  
 www.ncb.ind.br

### MAIN CONTACT

Fernando Garcia Nicodemos  
 CTO and Founder  
 fgnicodemos@ncb.ind.br  
 +55 (11) 9837-19738





## NexAtlas Tecnologias Digitais Ltda.

### COMPANY DESCRIPTION

NexAtlas develops a flight planning and air navigation app for general aviation airplane and helicopter pilots. Our goal is to facilitate access to aeronautical information for a professional planning and execution of each flight. We offer pilots digital aeronautical charts, airport, airspace and weather information, as well as interactive route planning and air navigation assistance. Our app is available for desktop and personal mobile devices and it is used both on land and air, during pre-flight, in-flight and post-flight situations.

### MAIN PRODUCTS & SERVICES

- In-Flight Data Acquisition and Analysis
- Navigation Systems and Equipment
- Flight planning
- Aeronautical Information Service (AIS)
- Marketplace of general aviation services and products

### INDUSTRIES THAT APPLIED

- Pilot & nav aids and onboard equipment systems - Flight planning, air navigation guidance and aeronautical information provider for pilots.
- Services - Aeronautical Information Service (AIS), Marketplace of general

### TECHNOLOGY PARTNERSHIP INTEREST

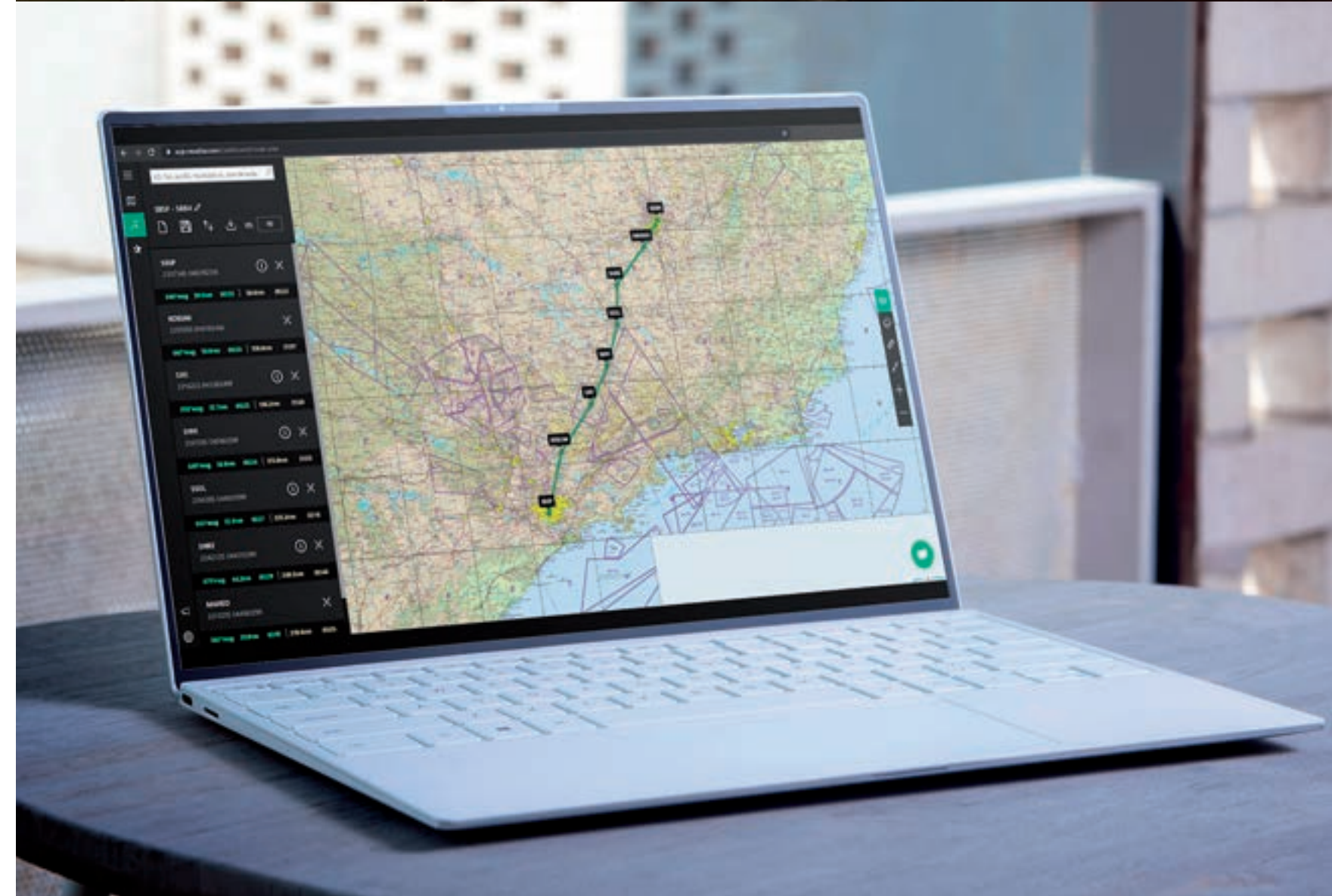
We welcome commercial and technology partnerships. Let us know if you own or distribute aeronautical information, services or products that may benefit pilots during flight planning and air navigation activities. We are also particularly interested in opportunities for deeper integration with the Brazilian Airspace Control System (SISCEAB).

### ADDRESS

Avenida BPS, 1303. PCE, Sala 45  
Itajubá - MG - Brazil  
ZIP Code 37.500-903 • www.nexatlas.com

### MAIN CONTACT

Ana Raquel Calhau Pereira  
CEO  
ana@nexatlas.com • +55 35 9913-08790





# NOVARUM SKY

## COMPANY DESCRIPTION

We solve inefficiencies of aerial inspections and 3D surveying with usual UAVs by integrating IoT & SaaS, allowing faster report & 3D Map.

## MAIN PRODUCTS & SERVICES

- Engineering Services
- Geoprocessing, Remote Sensing
- Integrations Services
- Software Development
- Training

## INDUSTRIES THAT APPLIED

- Aerial/UAV - Power Lines 3D Map and Inspection services
- Software and UAS development

## ADDRESS

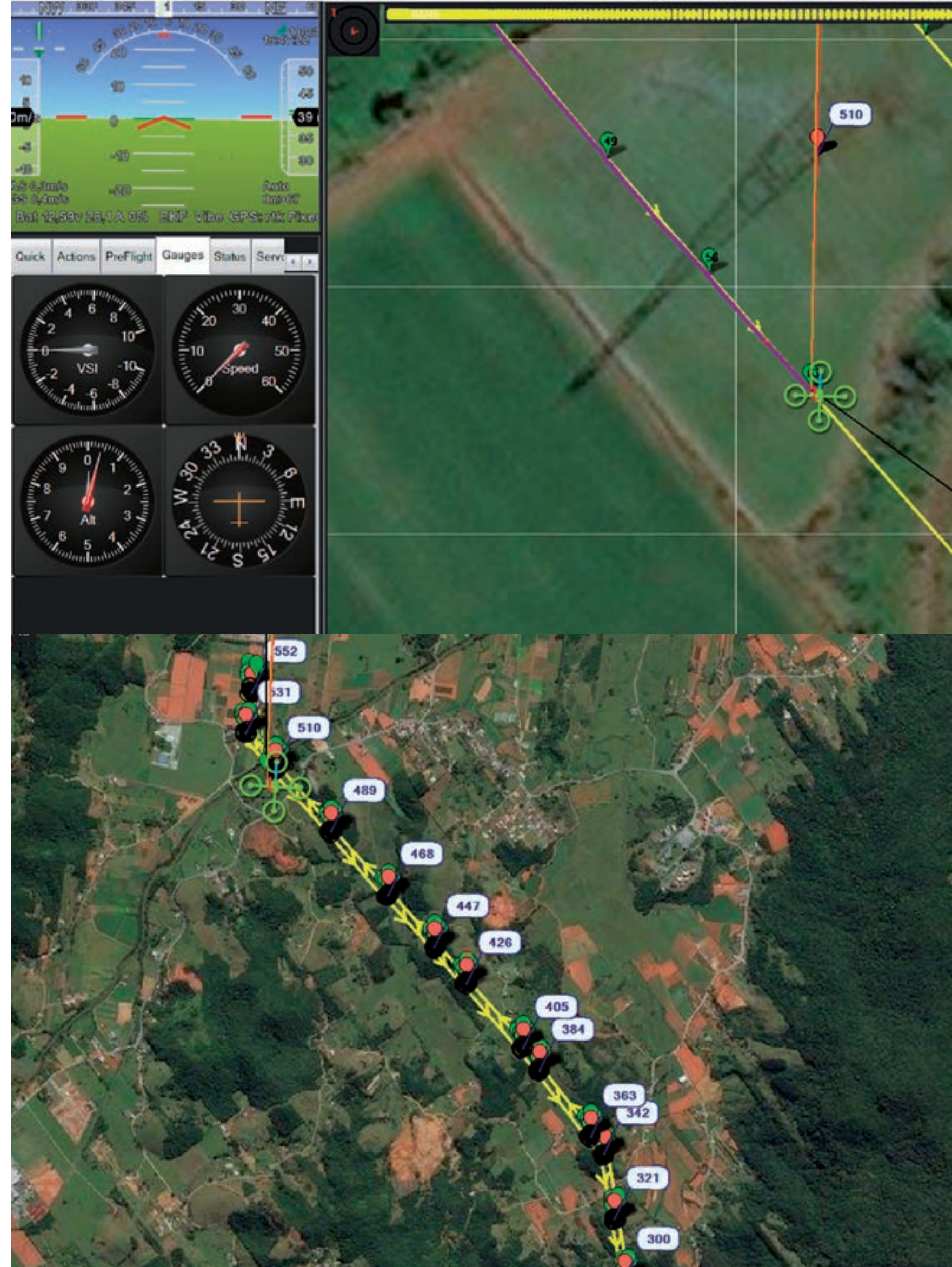
Rua Manoel de Oliveira Ramos, 205, Sala 602  
Florianópolis - SC - Brazil  
ZIP Code 88.075-120  
www.novarumsky.com

## TECHNOLOGY PARTNERSHIP INTEREST

Commercial and technological partnerships are welcome. Let us know if you are interested in replacing the use of the Helicopter with LiDAR for 3D mapping of power lines by another efficient and cheaper solution. We are also interested in knowing your needs and proposing a new solution.

## MAIN CONTACT

João Marcelo Corrêa  
CEO / Director  
joaomarclo.correa@novarumsky.com  
+55 48 98441-4696





## Octans Aircraft Industrial

### COMPANY DESCRIPTION

Octans Aircraft is a Brazilian company that own skills and a very talent team to develop, project, manufacture and provide maintenance services for small aircrafts. For the last 4 years we've been developing a Part 23, 5 seater airplane for general aviation market: Cygnus.

Cygnus is an all metal semi monocoque construction, tricycle landing gear, 300-400hp engine, cantilever high wing, modern avionics and ballistic recovering system. The aircraft is very adequate for short and unpaved runways and projected to attend agribusiness needs. The product can also has different potential configurations to attend mutimission proposals like liaison & observation, medevac, remote sensing, surveillance platform, amphibious, light cargo aircraft, search & rescue, alternatives fuels – ethanol, diesel, electric.

The final assembly of Cygnus first prototype was in December/19 and the first flight was in January/20. Now we are running flight tests to check the product performance.

### MAIN PRODUCTS & SERVICES

- Aircraft Development and Manufacturer

### INDUSTRIES THAT APPLIED

- Aircraft Development and Manufacturer

### TECHNOLOGY PARTNERSHIP INTEREST

Octans is a company that develop and manufacture small airplanes, so it's part of our strategic plan develop partnership with suppliers to produce all kinds of parts and services to assembly our product. The only way to have a product ready to attend expectations of our customers with high level of safety and quality is having a strong supply chain and develop jointly parts like engine, propeller, brakes and services like machining, stamping, coating.

### ADDRESS

R Antonio Marmo de Souza, SN | Hangar 9  
Jardim Recanto  
São João da Boa Vista - SP - Brazil  
ZIP Code 13879-899  
[www.octansaircraft.com.br](http://www.octansaircraft.com.br)

### MAIN CONTACT

Jorge Kawachi  
Project and Quality Manager  
[Jorge.kawachi@octansaircraft.com](mailto:Jorge.kawachi@octansaircraft.com)  
+55 11-996599318



[www.octansaircraft.com.br](http://www.octansaircraft.com.br)





## Osorio e Osorio Engenharia Ltda ME

### COMPANY DESCRIPTION

Founded in the middle of year 2018 and based in São José dos Campos, state of São Paulo, OSORIO E OSORIO Engenharia operates excellent levels of quality in the field of Advanced Composites and Nanomaterials, being supported by highly qualified professionals with extensive background on the Aerospace Industry, to perform a very large assortment of activities, including: Composite Design Excellence Centre (CDEC);

### MAIN PRODUCTS & SERVICES

- Structures
- Certification
- Composite
- Consulting
- Documentation
- Engineering Services
- Integrations Services
- Interior, Interior Design
- Research and Development
- Technical Support
- Testing and Certification
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense
- Services

### ADDRESS

Rua Irmã Maria Demétria Kfuri, 517  
Jardim Esplanada  
São José dos Campos - SP - Brazil  
ZIP Code 12242-500 • [www.osorioeng.com](http://www.osorioeng.com)

### TECHNOLOGY PARTNERSHIP INTEREST

- Innovation projects and/or development of aircraft and UAV components made of advanced composites
- Development of aviation biofuel
- Improvement of lightning protection for composite aircrafts
- Development of primary/assembly tooling new concepts
- Improvement of ballistic protection systems for defense vehicles and equipments
- Development of graphene applications to improve structural, electrical and thermal performance and reduce weight of systems and equipments, including: polymers, composites, tires, paints/coatings, additive manufacturing, break devices, batteries, lubricants

### MAIN CONTACT

Silvio Luiz Francisco Osório  
General Director  
[osorio@osorioeng.com](mailto:osorio@osorioeng.com)  
+55 12 99797-5573





## Panasonic do Brasil Limitada - Avionics

### COMPANY DESCRIPTION

Panasonic Technical Services (PTS) helps drive strategic outcomes for airlines by creating optimal flight experiences for passengers and creating efficient operations. Our primary objective is to offer customized maintenance solutions, giving you greater peace of mind by ensuring guaranteed performance and cost.

Our proactive maintenance approach keeps your fleet operating at top performance levels. By using performance tools on and off-wing, and scheduling cabin checks to detect any system anomalies, our team finds and corrects most defects that have gone unreported.

PTS GRU Station is part of a global network of line maintenance stations and parts repair stations which supports airlines worldwide.

### MAIN PRODUCTS & SERVICES

- Communication Systems
- Devices, Aircraft parts
- Electrical Hardware Supplies, Cabling Harness
- Maintenance, Repair and Overhaul
- Original Equipment Manufacturer

- Technical Support
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport

### ADDRESS

Avenida Monteiro Lobato, 4550 ASA 02 Salas 10/11  
Guarulhos - SP - Brazil  
ZIP Code 07012-010  
www.panasonic.aero

### MAIN CONTACT

Fernando Kazuo Imayuki  
Base Manager  
fernando.imayuki@panasonic.aero  
+55 11 9820-84605





# Pan-Metal Indústria Metalúrgica Ltda

## COMPANY DESCRIPTION

Pan Metal is a Company that breaks barriers and overtake expectations since 1977. We invite you all to know our history where determination, competence and enterprising spirit always guided us.

PAN-METAL 42 years dedicated to provide products and technical services to Aerospace industry and the Second brazilian company to be granted a nbr 15100:2010 certification.

Pan-Metal's work is marked by criativity, quality and punctuality, always following market tendencies. Since our inauguration in April 12th, 1977, we worked to have a lasting relation with our customers and in order to gain it's fidelity, we are always alert to his necessities. Our main objective is to offer innovative solutions by doing partnerships hapening in a trustfull, cooperational and respectfull atmosphere.

We have a modern structure and never hesitated to invest in new technologies, being ready to attend the miscellaneous market tendencies, targeting to offer a full service and high quality products to our customers. Our industrial park is equipped with high quality machines, like: CNC lathe, machinning centers of 3, 4 and 5 axis with capacity to until 8 meters.

Pan-Metal intends to continue overtaking market's expectative, innovating in search and development, seeking to be a solution to your customers and developing yourself to the future.

## MAIN PRODUCTS & SERVICES

- Commercial and Executive Primary Parts Machinning
- Structures
- Assembly
- Devices, Aircraft parts
- Engineering Services
- Industrial Metrology
- Landing Gear System and Equipment
- Machining
- Special Process
- Tooling
- Maintenance, product support and spares, transport - Spares parts; Machining of highly complex parts in Aluminum and Hard Metal of different dimensions (Max 8 meters); Mechanical Assembly (Spherical plain bearings, bearings, bushings and inserts); Assembly of Low and High Complexity Aeronautical Subassembly Structures;

## INDUSTRIES THAT APPLIED

- Militar Defense - Primary Parts Machinning

## TECHNOLOGY PARTNERSHIP INTEREST

Pan-Metal expectation is to be perceived by customers as a worldwide reference in machining products and assembling subsets in aerospace segment through the most advanced practices in high technologies, systems and industrial processes.

## ADDRESS

Av. Eurico Ambrogi Santos N. 1300  
Taubaté - SP - Brazil  
ZIP Code 12042-010  
www.panmetal.com.br

## MAIN CONTACT

Gabriel Almeida de Faria  
Commercial Analyst  
gabriel.faria@panmetal.com.br  
+55 11 3627-0000





## PBA Aviation

### COMPANY DESCRIPTION

We hereby present the company PBA AVIATION Ltda., Commerce and representations. PBA has been in the aviation market for 25 years, working with the purchase and sale of new and used, agricultural and business aircraft and their parts, parts and consumable items in aviation, such as oils and fuels.

We always look for new representations and new companies to make commercial partnerships in the aviation.

We are certified by ANAC No. 620161, CREA No. 183,292, OAB No. 34,862, CRECI No. 42,382 and MAPA No. 13304-3. Therefore, we are available to your company to form a commercial partnership and / or represent your company in the areas of interest.

### MAIN PRODUCTS & SERVICES

- Devices, Aircraft parts
- Engine Systems and Equipment
- Tooling
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Aerial/UAV - We work with parts sales for airplanes and sales of agricultural planes, executives and helicopters.

### ADDRESS

Rua General Camara 982, Sala 401  
Cachoeira do Sul - RS - Brazil  
ZIP Code 96508-096  
[www.pbaaviation.com.br/wwt/](http://www.pbaaviation.com.br/wwt/)

### MAIN CONTACT

Roberta Viecili Bonamigo Bernardi  
Director  
[vendas@aviacaoagricola.com.br](mailto:vendas@aviacaoagricola.com.br)  
+55 51 3724-4002





## PION – PION Labs Engenharia Ltda

### COMPANY DESCRIPTION

PION is a Brazilian aerospace startup company that was created to make space accessible for everyone. We are changing how to motivate students and universities on space development through an innovative newspace business model. We are committed to develop experiences reducing distance between society and space activities through educational tools, STEAM events and, of course, reliable sounding rockets, operational training rockets and smallsat platforms.

### MAIN PRODUCTS & SERVICES

- Engineering Services
- Missiles and Weapons
- Space Systems and Equipment
- Miscellaneous/Others

### ADDRESS

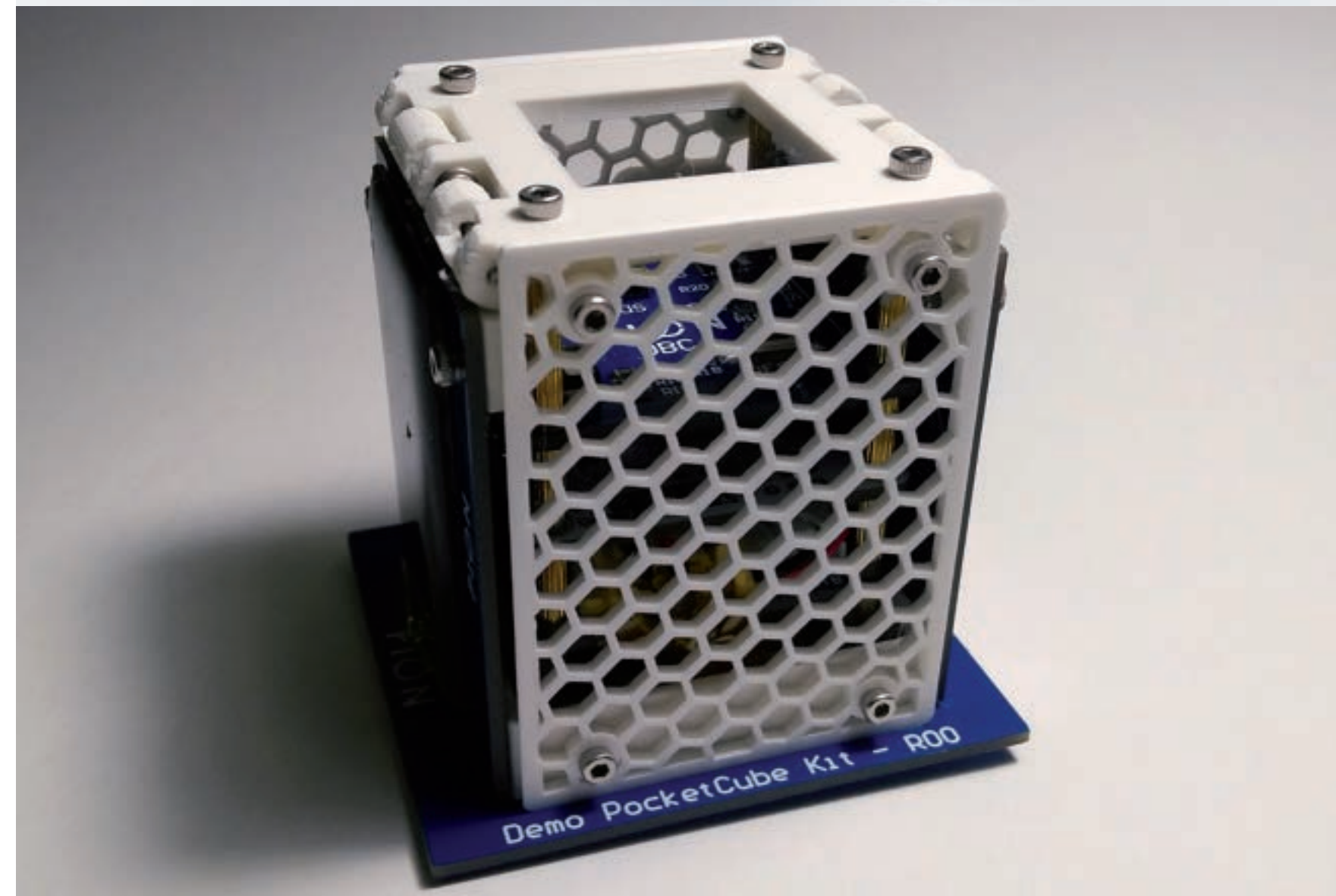
Rua Marechal Malet, 451  
São Paulo - SP - Brazil  
ZIP Code 03140-020  
www.pionlabs.com.br

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications
- Militar Defense
- Services

### MAIN CONTACT

Calvin Souto Trubiene  
Cofounder  
calvin@pionlabs.com.br  
+55 11 9983-53244





# PLANIFER

## COMPANY DESCRIPTION

30 years of expertise on machining/tooling market; 80 employees; Main Client: Embraer; Segments: Aerospace, medical, automotive and oil & gas; 10,000m2 total area (5,000m2 built area); Next to the local airport and main highways; High tech industrial park and high qualified staff

## MAIN PRODUCTS & SERVICES

- Assembly
- Machining
- Tooling

## INDUSTRIES THAT APPLIED

- Aerial/UAV - Machining/Tooling
- Militar Defense

## ADDRESS

Baptist Pagotto ST, #71  
Campinas - SP - Brazil  
ZIP Code 13069-470  
www.planifer.com.br

## TECHNOLOGY PARTNERSHIP INTEREST

Machining company, tooling and special process assembly

Industrial park: 3, 4 and 5 axis; CNC boring machines; Turning centers and CNC lathes; Grinding; EDM; Assembly using laser tracker; Special process (Bushing using cryogenic process, Thredead inserts, Sealing flange nuts and steaking bearings); Measurement using coordinate measure machine (CMM).

## MAIN CONTACT

Gustavo Degrecci Lopes Loureiro  
Manager  
gustavo.loureiro@planifer.com.br  
+55 19 99635-9535





## PLASTEAM Ind. Com Plásticos e Metais LTDA

### COMPANY DESCRIPTION

Plasteam is a 23 years old company specialized in the manufacture of plastic parts produced by injection moulding and machining processes and product design and development for the aeronautical, aerospace and defense sectors.

Our company entered the airspace market in 1998, providing to Avibras, one of its key clients until today and in 2003 as a provider to Embraer, which demands over 300 items. Since 2.014 our products are directly exported to companies in France, Czech Republic, United States and Argentina.

We are a verticalized company that can offer a complete solution:

- Injection moulding and/or machining of engineering plastics and composite materials: PA6.6, PA6.6+20%PTFE, PA6.6+30%CF, PA6.6+50%GF, PA11, POM, POM+20%PTFE, PC, PSU, PTFE, PEEK, PVDF, UHMWPE and many more
- Engineering: product design and development, reverse engineering, raw material specification and design of injection moulding tools
- In-house tooling facility: Fabrication and maintenance of injection moulding tools

### MAIN PRODUCTS & SERVICES

- Plastic parts
- Injection moulding
- Machining
- Components
- Spare parts
- Product design and development
- Raw material specification
- Reverse engineering
- Injection moulding tools

### INDUSTRIES THAT APPLIED

- General and military aviation
- OEM and Tier 1
- MRO

### TECHNOLOGY PARTNERSHIP INTEREST

Technology transfer from a foreign company. We intend to co-produce for national and foreign clients.

### MAIN CERTIFICATIONS



### ADDRESS

R. Monte Azul, 280  
São José dos Campos - SP- Brazil  
ZIP CODE: 12238-350  
www.plasteam.com.br

### MAIN CONTACT

Mr. Daniel Milani  
Technical & Commercial Director  
daniel.milani@plasteam.com.br  
+55 12 3934-1559 • +55 12 99643-4614





## PROQUALI Indústria e Comercio de Máquinas e Equipamentos Ltda

### COMPANY DESCRIPTION

Pró-Quali has a history of more than 20 years providing special services in maintenance - avionics, pneumatic, electric and GSE - machining and ground solutions for Brazilian Air Force, Navy, Army, INPE and Embraer.

### MAIN PRODUCTS & SERVICES

- Airport Services
- Avionics
- Advanced Defense Systems
- Communication Systems
- Devices, Aircraft parts
- Engineering Services
- Engine Systems and Equipment
- Electrical Hardware Supplies, Cabling Harness
- Electronic Systems
- Flight Simulators, Trainers
- Ground Support Equipment
- Integrations Services
- Interior, Interior Design

- Machining
- Maintenance, Repair and Overhaul
- Missiles and Weapons
- Research and Development
- Special Process
- Technical Support
- Tooling

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport

### TECHNOLOGY PARTNERSHIP INTEREST

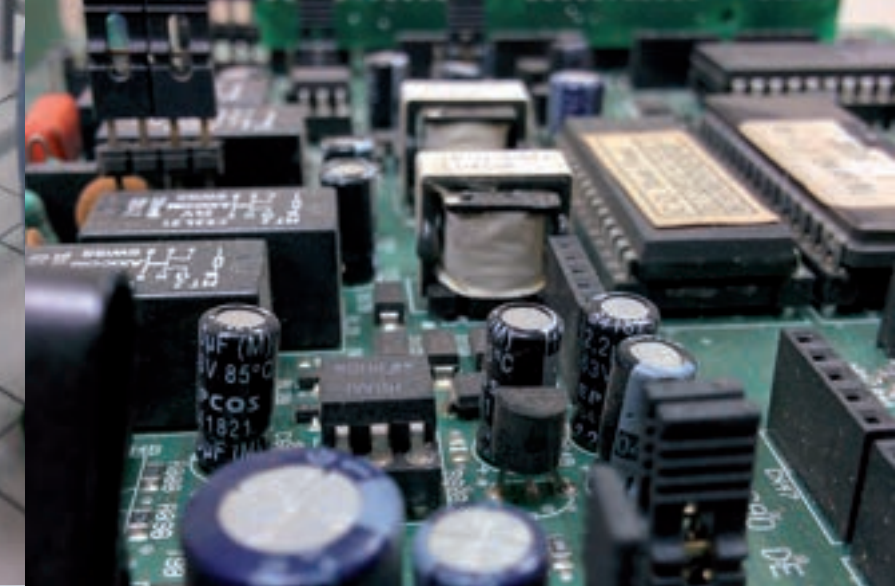
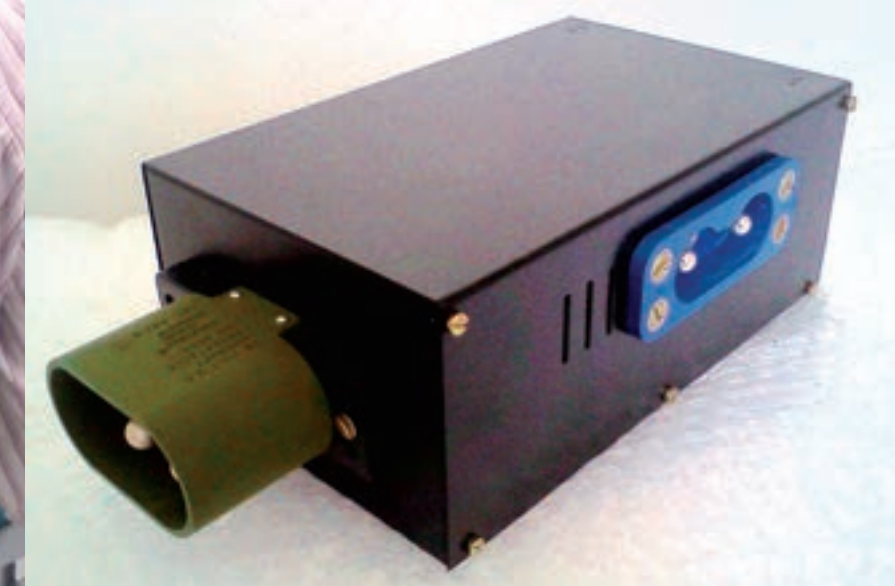
We expect a partnership that can provide and develop our capacity to offer services in a high grade to Brazil and all South America.

### ADDRESS

R: Durvalino Marciano Leite 240 Jd. Aeroporto  
São José dos Campos - SP - Brazil  
ZIP Code 12.227-830  
www.proquali.eng.br

### MAIN CONTACT

João Claudio Faria Machado  
Pró-Quali Ind. e Com. de Máquinas e Componentes Ltda  
comercial@proquali.eng.br  
+55 12 3923-6832





## PRUDEMPLAST Quimica Industrial Ltda

### COMPANY DESCRIPTION

Founded in 1982, PRUDEMPLAST is a Brazilian company that develops and manufactures solutions in chemical products for the aviation segment.

### MAIN PRODUCTS & SERVICES

- Development and Manufacture of Chemical Products

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport - Supply of chemical products for cleaning, sanitizing and main taining aircraft

### ADDRESS

Av. José Moisés Ferreira 800  
Presidente Prudente - SP - Brazil  
ZIP Code 19043-120  
[www.prudemplast.com.br](http://www.prudemplast.com.br)

### MAIN CONTACT

Jessika Cuba Dionisio  
Sales Manager  
[commercial@prudemplast.com.br](mailto:commercial@prudemplast.com.br)  
+55 18 2101-8989





## Rosenberg Domex Telecom Ltda

### COMPANY DESCRIPTION

Rosenberger offers a wide product range with RF connectors and cable assemblies for communication engineering, miniaturized contacts for cable-to-board or board-to-board connections on and between PCBs, and innovative fiber-optic products and hybrid solutions.

Rosenberger, a family owned company, is one of the world's leading manufacturers of impedance-controlled connectivity solutions in high-frequency, high-voltage and fiberoptic technology. Renowned companies in high-tech industries trust the precision and quality of Rosenberger products, e.g. mobile communication networks, data centers, test & measurement industries, automotive electronics, industrial and medical electronics, or aerospace engineering.

Worldwide, the Rosenberger group operates a global network of R&D, manufacturing and assembly locations as well as Rosenberger sales offices in Europe, Asia and North and South America where more than 11,300 employees develop, produce and sell our products.

### MAIN PRODUCTS & SERVICES

- Communication Systems
- Electrical Hardware Supplies, Cabling Harness

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications - For spaceflight applications Rosenberger offers a wide range of RF connectivity products. The SMA, SMA 2.92, TNC and SMP connector

families have been successfully qualified by ESA for space projects and are already successfully applied in different space missions like Galileo, Iridium, or Globalstar. Cable assemblies and customized product solutions are also part of the wide Rosenberger spaceflight products portfolio

- Militar Defense - Rosenberger designs and manufactures connectors and cable assemblies for defense applications in accordance with DIN EN 9100 – renowned customers in the defense industries trust in our high-quality products.

### ADDRESS

Av. Cabletech, 601  
CAÇAPAVA - SP - Brazil  
ZIP Code 12.295-230  
www.rosenberger.com.br

### MAIN CONTACT

Alan Cepinho  
Key Account Manager A&D  
alan.cepinho@rdt.com.br  
+55 12 99167-6228





# SAAB

## COMPANY DESCRIPTION

For nearly 70 years, Saab, a Swedish Defence and security company established in 1937, has maintained relations with Brazil, and since 2009, the company has maintained its own operations in the country.

Saab works with clients to support the region's Defence and Security market. In this market area, Saab delivers advanced products, services and solutions, including fighter aircrafts, airborne early warning systems, training and simulation, C4I, ground-based air defence, and air and maritime traffic management. Using our innovative, collaborative and pragmatic thinking, Saab is the regional partner of choice for both military defence and civil security in Brazil.

The joint development partnership, including the delivery of 36 Gripen fighters, is the largest export contract in Sweden's history, and the technology transfer program is one of the most significant globally. Saab is present in Brazil in several locations including São Paulo, São Bernardo do Campo, Gavião Peixoto, Brasilia and Rio de Janeiro.

## MAIN PRODUCTS & SERVICES

- Air Traffic Management
- Aerostructures
- Avionics
- Assembly
- Communication Systems
- Composite
- Devices, Aircraft parts
- Flight Simulators, Trainers
- Industrial Metrology
- Logistics
- Maintenance, Repair and Overhaul
- Missiles and Weapons
- Original Equipment Manufacturer
- Surveillance
- Testing and Certification
- Training

## INDUSTRIES THAT APPLIED

- Aeronautics
- Advanced Weapon Systems
- Command and Control
- Sensors
- Underwater systems
- Support and Services

## ADDRESS

Rua Joaquim Floriano, 466, cj. 903  
Ed. Corporate - Itaim Bibi - São Paulo /SP  
CEP: 04534-002

## MAIN CONTACT

Marianna Silva  
Country Manager  
brazil.office@saabgroup.com • +55 (61) 33279100





# Santos Lab Participações Comércio e Indústria Aeroespacial S/A

## COMPANY DESCRIPTION

SANTOS LAB PARTICIPAÇÕES COMÉRCIO E INDÚSTRIA AEROESPACIAL S / A, founded in 2006 in Rio de Janeiro, is classified by the Brazilian Ministry of Defense as a Strategic Defense Company. The company has been working in the development of intelligent autonomous aerial systems for 14 years. Santos Lab operates in the areas of Development, Defense and Security, Precision Agriculture and Technological Innovation, all with the use of unmanned aerial vehicles. In the area of Defense and Security, the company develops military UAVs. In the field of precision agriculture, Santos Lab covers from data collection from the field (from drones, satellites, sensors, apps, etc) up to post-processing images, providing reports to help improve the performance of agribusiness. In the area of technological innovation, Santos Lab develop and integrates solutions, sensors, UAVs, software, etc. and seeks partnerships with technology companies, research centers and universities to further improve its solutions.

## MAIN PRODUCTS & SERVICES

- Consulting
- Environmental services and low-carbon agriculture
- Geoprocessing, Remote Sensing
- In-Flight Data Acquisition and Analysis
- Research and Development
- Software Development
- Services agronomic consultancy, UAV in precision agriculture and environmental services

## TECHNOLOGY PARTNERSHIP INTEREST

Santos Lab is looking for technological partners that could help complement their offer.

## INDUSTRIES THAT APPLIED

- Aerial/UAV development, manufacture and maintenance
- Militar Defense - development of military UAV

The solutions range from UAV components and accessories, such as gimbals, optical and laser sensors and other types of UAV payloads, RTK-GPS, up to field sensors such as weather stations and other IoT devices.

## ADDRESS

Av das Américas 500, BL 3, room 122  
Rio de Janeiro - RJ - Brazil  
ZIP CODE: 22640-904  
www.santoslab.com

## MAIN CONTACT

Bruno Teixeira  
Chief Strategy Officer  
bruno@santoslab.com  
+55 (61) 3547-8500





## SECO Tools Industria e Comercio Ltda.

### COMPANY DESCRIPTION

Seco tools is one of the world's largest providers of comprehensive metal cutting solutions for milling, stationary tools, holmaking and tooling systems. For over 80 years, we have been more than just a cutting tool provider. We develop and supply the technologies, processes and supports that manufacturers depend on to maximize productivity and profitability.

Our Consultancy team also offers production know-how, with a range of physical and digital solutions to help our customers navigate safely into the future of industry 4.0.

Headquartered in Fagersta - Sweden, Seco is present in more than 75 countries via nearly 4,100 team members. All Seco employees across the globe share a family spirit, along with a passion for our customers and personal commitment to ensuring their success.

Seco employees take a practical approach to applying high levels of metal cutting competence to overcoming customers' challenges. Relationships built on trust and respect are vital to our success. We work closely with customers to understand their needs. We undertake cooperative ventures with universities and industry associations to monitor trends and develop solutions that meet the needs of unique segments. We partner closely with providers of complementary technologies to ensure manufacturers have access to comprehensively optimized solutions.

### MAIN PRODUCTS & SERVICES

- Engineering Services
- Machining
- Training
- Tooling

### INDUSTRIES THAT APPLIED

Seco works closely with aerospace manufacturers to create and provide solutions that increase productivity and bolster profitability. With 5,000 team members in over 75 countries, we offer a globally networked resource dedicated to solving your challenges and supporting your operations.

Through cooperative partnerships with aerospace manufacturers and entities around the world, we monitor trends, identify challenges and develop solutions that overcome the industry's most demanding applications.

When you work with Seco, you experience a true partnership based on trust, respect and communication. Our solutions exceed milling, holmaking, turning and tool holding products, as we work closely with your team to address and improve every aspect of production. For over 80 years, Seco has developed the

tools, processes and services that leading manufacturers turn to for maximum performance. Whatever challenges you encounter, our team is always nearby to help you overcome them through extensive expertise and high quality products.

Others examples of segment that we have been working closely are Automotive, Trucks, Oil & Gas, Power Generation, Agriculture, Medical Manufacturing, always providing winning solutions.

### A MUTUALLY BENEFICIAL AGREEMENT

The Partnership Program is a mutually-beneficial agreement that exists between selected customers and Seco. The agreement should outline the commitments from both parties and be a working guide on how to manage and measure the partnership. From our experience, these documented agreements ensure success. At the heart of the program is our obligation to the customer to identify areas within their business where Seco can bring greater value.

Following the Seco Way vision, we closely engage with our customer. As a part of this commitment, we have created a program to address the needs of and offer greater value for our partnership customers.

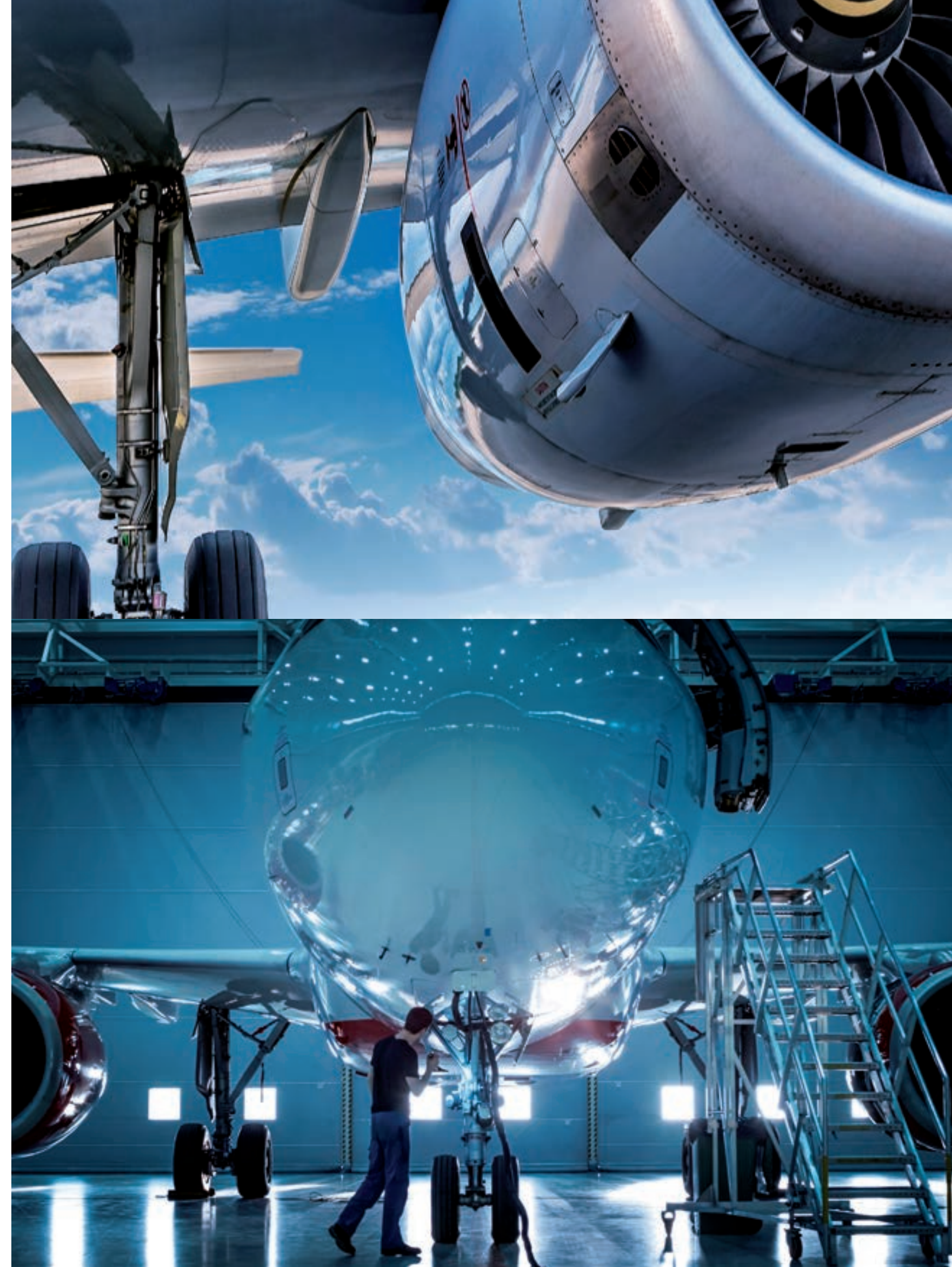
The goal of this program is to enhance our position with the customer as a 'preferred' supplier, and to develop a strong win-win relationship for us and our customer.

### ADDRESS

AV. Johnn Boyd Dunlop - 1500  
Sorocaba - SP - Brazil  
ZIP CODE: 18-087-155  
www.secotools.com

### MAIN CONTACT

Antonio Fernando Pereira  
Managing Director  
fernando.pereira@secotools.com  
Phone: +55 (15) 2101.8600





## SERCO Unidade Fabril

### COMPANY DESCRIPTION

SERCO Manufacturing Unit a member of SERCO GROUP, has been serving its customers for more than 15 years. Today strategically located in Sao Jose dos Campos-SP, a city recognized worldwide as the aerospace technology center in Brazil. (approximately 6 kilometers from Embraer head office).

SERCO has extensive experience in manufacturing of furniture, floors, parts, and accessories for aircraft interiors and specialized painting services for the aerospace sector.

Certified and approved by authority to assemble, core trimming, paint, and produce products and parts. SERCO is certified with AS 9100 and ISO 9001. It is also accredited for the process of painting of aeronautical parts. (NADCAP).

SERCO SPECIAL PROCESS UNIT provides complete solution for Heat treatment, Stress Relieving and NDT.

### MAIN PRODUCTS & SERVICES

- Assembly
- Composite
- Interior, Interior Design
- Painting
- Special Process

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications - Painting, Heat Treatment, Stress Relieving, NDT
- Militar Defense - Painting, Interior Parts.
- Maintenance, product support and spares, transport - Painting, Interior Parts.

### ADDRESS

Rua 21 Abril, nº 1.100 – Eugenio de Melo  
São José dos Campos - SP - Brazil  
ZIP CODE: 12.247-100  
www.serco.com.br

### MAIN CONTACT

Marcelo Moreira de Assis  
CEO  
marcelo@serco.com.br  
Phone: +55 (12) 3908-6702





## SIATT – Engenharia, Indústria e Comércio Ltda.

### COMPANY DESCRIPTION

SIATT is a Brazilian company that has expertise in integration of high tech systems, providing solutions for the defense and aerospace markets. The Company works with:

- Intelligent Weapons such as missiles and guided bombs;
- Integration of intelligent weapons to platforms such aircrafts, tanks, ships, land vehicles, etc.;
- Radars, Sensors and Avionics equipment;
- C5ISR and Mission Systems; and
- Subsystems and equipment for Satellite Launchers Vehicles.

SIATT has a highly qualified technical team, composed of more than 70 employees, mainly engineers with wide experience (30 years plus) and expertise in the sector.

The main products are:

- MANSUP - Brazilian Antiship Surface-to-Surface Missile, for Brazilian Navy. SIATT is in charge of Guidance, Navigation and Control Subsystem and Telemetry Subsystem;
- MSS 1.2 AC - Brazilian Antitank Surface-to-Surface Missile, for Brazilian Army and Brazilian Navy Mariners.

### MAIN PRODUCTS & SERVICES

- Advanced Defense Systems
- Assembly
- Engineering Services
- Electrical Hardware Supplies, Cabling Harness
- Electronic Systems
- Flight Simulators, Trainers
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Integrations Services
- Maintenance, Repair and Overhaul
- Mechanical Hardware
- Missiles and Weapons
- Navigation Systems and Equipment
- Research and Development
- Original Equipment Manufacturer
- Software Development
- Technical Support
- Testing and Certification
- Training

### ADDRESS

Parque Tecnológico de São José dos Campos  
Estrada Dr. Altino Bondensan, 500 - Centro Empresarial I  
Sala 206 - Distrito de Eugênio de Melo  
Rio de Janeiro - RJ - Brazil  
ZIP CODE: 22640-904 • www.siatt.com.br

### INDUSTRIES THAT APPLIED

- Militar Defense - All products and services described above

### TECHNOLOGY PARTNERSHIP INTEREST

Development, manufacturing and/or technical support activities to be applied to:

- Intelligent weapons, mainly Guidance, Navigation and Control subsystems;
- Integration of intelligent weapons to platforms;
- Radar systems;
- Mission systems;
- Subsystems and equipment for Satellite Launcher Vehicles (example: power supply, telemetry, telecommand, etc.).

### MAIN CONTACT

Rogério Salvador  
Commercial Director  
salvador@siatt.com.br  
+55 12 2012-0070





## Siemens Insfraestrutura e Indústria Ltda

### COMPANY DESCRIPTION

Digital Enterprise – Realize your digital transformation

With the Digital Enterprise portfolio, Siemens is driving the digital transformation of the industry – the seamless integration of automation, software and cutting-edge technologies will take the industry to the next level of efficiency. Discover how you can benefit from merging the virtual and the real world and the possibilities provided by the Digital Twins of product, machine, plant, and the entire production. In order to facilitate the start and implementation of digitalization, we offer comprehensive consulting and to develop a digitalization strategy and roadmap together with you. Discover the possibilities for your company.

### MAIN PRODUCTS & SERVICES

- Automation products: Simatic PLC; Sinumerik CNC; Sinamics Converters, servomotors, motors, RFID sensors, HMI, IIoT, Edge Computing,
- Software products: NX CAD; CAE; NX CAM; Teamcenter PLM; Simcenter Simulation; MES;
- Machine Technologies: Control Hardware; 5 axis Milling; Turning-Milling; Grinding; Machining of gears, Riveting, Tape laying /Fiber Placement; Structure Assembly; Non-Destructive Testing; Laser Beam and Water Jet Cutting; Robotic; Titanium Machining; Spindle Solutions; Volumetric compensation system; IT Security and further.
- Automation: Final Assembly; Autoclaves; Tilt and Turn Units; Production of Cabin Interior; Paint Shop automation; Cranes; Flexible tooling systems
- Logistics: Automated Guided Vehicles(AGV); Tracking & Tracing
- PCM / CAX Solutions: Product Life Cycle Management (PLM); Digital Manufacturing; CAD; CAM Software; PLM to Shopfloor; Post Processors; Adaptive Machining and Further.

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense
- Satellite, Spacecraft, satellite telecommunications
- Pilot & nav aids and onboard equipment systems
- Maintenance, product support and spares, transport
- Services

### ADDRESS

Av. Mutinga nº 3800  
São Paulo - SP - Brazil  
ZIP CODE: 05110-902  
www.siemens.com

### MAIN CONTACT

Mayron Rodrigues da Silva  
Business Development  
mayron.rodrigues@siemens.com  
+55 11 97507 2765





## SkyDrones Tecnologia Aviônica S.A.

### COMPANY DESCRIPTION

SkyDrones is a leading company in developing, manufacturing and operating imaging and inspection RPAs, as well as spraying drones.

SkyDrones began flying to history in 2008, when its associates realized the great potential in the future of small unmanned aerial vehicles (UAVs), now known as remotely piloted aircrafts (RPAs) for imaging and specific or hard-to-reach spots data gathering.

Nowadays we have strategic alliances with companies from Germany, South Korea, USA, Switzerland and China, ensuring a constant exchange of technology and update of both our hardware and software.

Being acknowledged by the Brazilian agency of commercial aviation (ANAC) as the only local company to contribute for the development and regulation of the industry, design awards for our products and the trust of the Brazilian Agricultural Research Corporation (Embrapa) and dozens of other clients in the agriculture, mining, energy, construction and mapping.

### MAIN PRODUCTS & SERVICES

- Assembly
- Communication Systems
- Composite
- Devices, Aircraft parts
- Electronic Systems
- Environmental Systems
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis

### ADDRESS

Rua Marquês do Alegrete, 103  
Porto Alegre - RS - Brazil  
ZIP CODE: 91020-030  
www.skydrones.com.br

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Design, development, software, hardware, firmware

### TECHNOLOGY PARTNERSHIP INTEREST

We are interested in visual collision avoidance technology, automatic recharging systems and automatic visual navigation systems for complex environments.

### MAIN CONTACT

Ulf Bogdawa  
CEO  
ulf@skydrones.com.br  
+55 11 981111 0550





## Sol Sports Industria e Comercio Ltda

### COMPANY DESCRIPTION

Sol Sports is a paraglider, paramotor wings, trike wings, harnesses and rescue parachutes for paragliding and small ultralight manufacturer.

### MAIN PRODUCTS & SERVICES

- Parachutes • Paraglides • Pramotor Wings  
Paratrike Wings • Harnesses Rescue  
Parachutes Technical Textiles.

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense

### ADDRESS

Walter Marquardt, 1180  
Jaraguá do Sul - RS - Brazil  
ZIP CODE: 89.259-565 • [www.solsports.com.br](http://www.solsports.com.br)

### TECHNOLOGY PARTNERSHIP INTEREST

We are interested in visual collision avoidance technology, automatic recharging systems and automatic visual navigation systems for complex environments.

### MAIN CONTACT

Ary Carlos Pradi  
Manager  
[ary@solsports.com.br](mailto:ary@solsports.com.br) • +55 47 99973 3429





## Spectra Tecnologia Industria Comercio e Servicos de Informatica Ltda

### COMPANY DESCRIPTION

Spectra is a 100% Brazilian company established in 1988 and based in Sao Paulo, Brazil. It develops technological products for Automotive and Defense markets.

In Automotive market Spectra develop and produces Automotive Electronic Control Systems and provide Durability Test Services.

In Defense Market Spectra provides Full Flight Simulators, FTDs (Flight Training Devices) and Light Weapons Training Simulators.

Spectra high-qualified technical team provides the knowledge for Research and Development of new products in its main areas with the most up-to-date technologies

### MAIN PRODUCTS & SERVICES

- Electronic Systems
- Flight Simulators, Trainers
- Research and Development
- Testing and Certification

### INDUSTRIES THAT APPLIED

- Militar Defense - Training Devices
- Services - Durability Tests

### TECHNOLOGY PARTNERSHIP INTEREST

Embedded aerospace data acquisition and control systems

### ADDRESS

Rua Dr Silva Leme 10 - Belenzinho  
São Paulo - SP - Brazil  
ZIP CODE: 03047-020  
www.spectratecnologia.com.br

### MAIN CONTACT

Joao Carlos Costa e Sousa de Ayala Boaventura  
Director  
joao@spectratecnologia.com.br  
+55 11 99248.1719





## Spectrum Line Prestação de Serviços Eletro-Eletrônicos Ltda

### COMPANY DESCRIPTION

Since 2004, The ESPECTRO Ltd. has been a company specialized in turnkey projects and consulting for several market segments, as telecommunications, automation, microwave, antennas, IoT, and training. The ESPECTRO Ltd. development team is involved in hardware, software, and digital signal processing design, looking for a continuous technical capacitation and new trends.

ESPECTRO LTD. technical capacity includes the whole project cycle for a product or equipment. The company has all the knowledge required for develop schematics, PCB layout and manufacturing supervision, purchase of materials, development of functions for programmable logical devices in VHDL and Verilog, hardware and firmware integration, troubleshooting and bug fixes, and development of embedded software for microcontrollers.

Concerning to hardware development, ESPECTRO LTD. works with cutting-edge CAE softwares, enabling electromagnetic simulation, PCB oriented to EMI/EMC, high-speed interconnection and high-density population, including development of PCB with components as complex and fine-pitch BGA, tracks length equalization and controlled impedance.

### MAIN PRODUCTS & SERVICES

- Consulting
- Engine Systems and Equipment
- Electronic Systems
- Navigation Systems and Equipment
- Research and Development
- Space Systems and Equipment
- Training
- Satellite, Spacecraft, satellite telecommunications - Printed Antennas and Arrays (planar or conformal)
- Militar Defense - High Dynamic GNSS Receiver; Printed Conformal Antennas and Arrays
- Pilot & nav aids and onboard equipment systems - High Dynamic GNSS Receiver
- Services - Embedded Electronics Projects; Consulting; Training

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Antenna; Printed Antenna and Arrays (planar or conformal)

### ADDRESS

Avenida Santa Isabel, 752  
Campinas - SP- Brasil  
ZIP CODE: 13.084-012  
www.espectro-eng.com.br

### MAIN CONTACT

Cynthia Cristina Martins Junqueira  
R&D Director  
cyjunqueira@espectro-eng.com.br  
+55 19 3201 0794





## Stella Tecnologia Industria e Comércio Aeroespacial Ltda

### COMPANY DESCRIPTION

Stella Tecnologia is a company classified by the Brazilian Ministry of Defense as EED (Strategic Defense Company). Founded in 2015 by Eudes de Orleans e Bragança and Gilberto Buffara Junior with the purpose of developing critical and unprecedented technologies for the country, in the field of Unmanned Aerial Systems.

The company's manufacturing plant is located in the city of Duque de Caxias, at Rio de Janeiro state, having an actual production capacity of four UAV's per year. Our labs are capable of various types of material tests, fundamental resources for the development of high tech composite aeronautical products.

### MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Composite
- Devices, Aircraft parts
- Integrations Services

### INDUSTRIES THAT APPLIED

- Militar Defense - Training Devices
- Services - Durability Tests

### ADDRESS

Rod. Washington Luiz, 2070, Bloco2/12  
Duque de Caxias- RJ - Brazil  
ZIP CODE: 25085-009  
www.stellatecnologia.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

Stella Tecnologia is interested in technological partnership with companies developing UAV sub systems such as gimbals, radars, datalinks, antennae, image exploitation, engines and actuators.

### MAIN CONTACT

Gilberto André Buffara Junior  
Executive Director  
gilberto@stellatecnologia.com.br  
+55 21 3900-9941





# Telespazio Brasil S.A.

## COMPANY DESCRIPTION

Telespazio, a joint venture between Leonardo (67%) and Thales (33%), has set its footprint in Brazil since 1997 through Telespazio Brasil, the leading provider of satellite services in the Brazilian market. Headquartered in Rio de Janeiro where it operates its Satellite Service Centers and counts on its widespread presence throughout the country. Telespazio Brasil offers innovative and customized solutions across three main line of business: Satellite Communications, Geoinformation and Satellite Systems & Operations. Fueled by more than 50 years of experience, offers the most complete portfolio of solutions combining all the expertise underlying its exclusive partnerships with e-GEOS (a Telespazio/ASI company) and the Telespazio group. In Geoinformation, Telespazio offers worldwide footprint through a wide range of optical and radar earth observation satellites. In Satellite Systems and Operations, Telespazio provides services from ground infrastructures all the way up to integrated logistics and operations (LEOP and OOC). Lately, Telespazio Brasil worked alongside Thales Alenia Space in the installation and commissioning of COPE-P and COPE-S ground control centers, supported Telebras / MoD in the early-orbit space and ground segment operations of the SGDC-1 satellite.

## MAIN PRODUCTS & SERVICES

- Communication Systems
- Geoprocessing, Remote Sensing
- Integrations Services
- Provider of satellite service

- Installation service and maintenance of equipment on site

## TECHNOLOGY PARTNERSHIP INTEREST

We do not have a specific target in terms of technology partnership, but we are open to evaluate any technology partnership that fall into our range of activities and would enhance our capabilities

## INDUSTRIES THAT APPLIED

- Satellite communications, Optical and Radar Earth Observation and Satellite Systems Operations

## ADDRESS

Av. Rio Branco, 1/1808 • Centro • Rio de Janeiro  
 Rio de Janeiro/RJ - Brazil  
 ZIP CODE: 20090-003  
[www.telespazio.com/brasil](http://www.telespazio.com/brasil)

## MAIN CONTACT

Marzio Laurenti  
 CEO  
[tpz.br.comercial@telespazio.com](mailto:tpz.br.comercial@telespazio.com)  
 +55 21 98152-5320 / 21 2141-3133





## Thyssenkrupp Automata

### COMPANY DESCRIPTION

Combining CNC programming, structural assemblies and 5-axis machining thyssenkrupp Aerospace is a true "one stop" solution for your high precision aerospace component needs.

### MAIN PRODUCTS & SERVICES

- Assembly
- Devices, Aircraft parts
- Engineering Services
- Machining
- Raw Material Supplies
- Stamping
- Transparencies

### ADDRESS

Avenida Eurico Ambrogi Santos 1715  
Taubaté- SP - Brazil  
ZIP CODE: 12042-010  
www.thyssenkrupp-aerospace.com

### INDUSTRIES THAT APPLIED

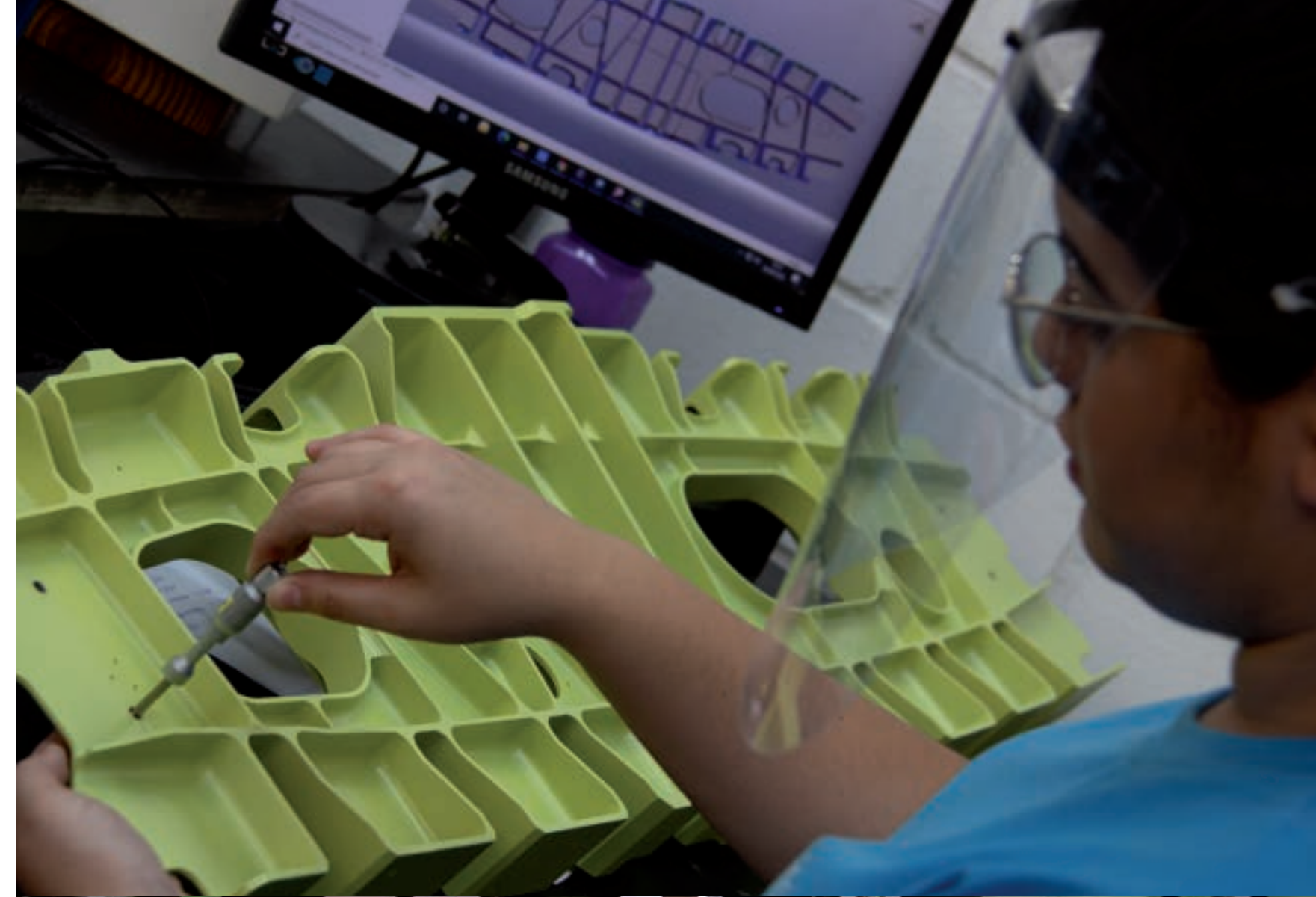
- Militar Defense

### TECHNOLOGY PARTNERSHIP INTEREST

Win-win relationship based on long term commitment to cost management, knowledge sharing and continuous quality improvement

### MAIN CONTACT

Fabio Cruz  
Sales & Marketing Manager  
fabio.cruz@thyssenkrupp.com  
+55 12 99121 8091





## TROYA Indústria de Máquina e Engenharia LTDA

### COMPANY DESCRIPTION

TROYA is capable of meeting the most variety of industries needs, providing excellence solutions, leading-edge technology, and also counts with a staff of highly qualified engineers.

TROYA was created and initially developed in "IncubAero" (Business Incubator), a Business startup company incubator which is located at ITA -Technological Institute of Aeronautics, in the city of Sao Jose dos Campos - SP, under the name of OTF, in July 2005. Its main activities have been to be part of the Supply Chain Tooling of the aeronautical and aerospace industries, working with the main companies of this field, such as EMBRAER, BOEING, AIRBUS, BOMBARDIER, SAAB, and also aircraft suppliers, such as Alestis, Latecoere, Aernnova, Sobraer, among others.

TROYA also provides Process and Device Solutions for other areas such as Automotive, Defense, Oil & Gas, Wind Energy, Agricultural and Logistics. In order to meet these complex and competitive markets demands, TROYA counts with a group of technicians and engineers from the Technological Institute of Aeronautics (ITA) to carry out projects that are being developed, as well as processes, structural calculations, technical specifications, dimensional measurements with the use of high precision equipment and also performs many different Business roles.

### MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Devices, Aircraft parts
- Engineering Services
- Ground Support Equipment
- Industrial Metrology
- Machining
- Research and Development
- Tooling

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense
- Maintenance, product support and spares, transport

### ADDRESS

AV. Cesare Monsueto Giulio Lattes, 501, Platô 1,  
BLOCO A02  
São José dos Campos- SP - Brazil  
ZIP CODE: 12247-014 • www.troya.ind.br

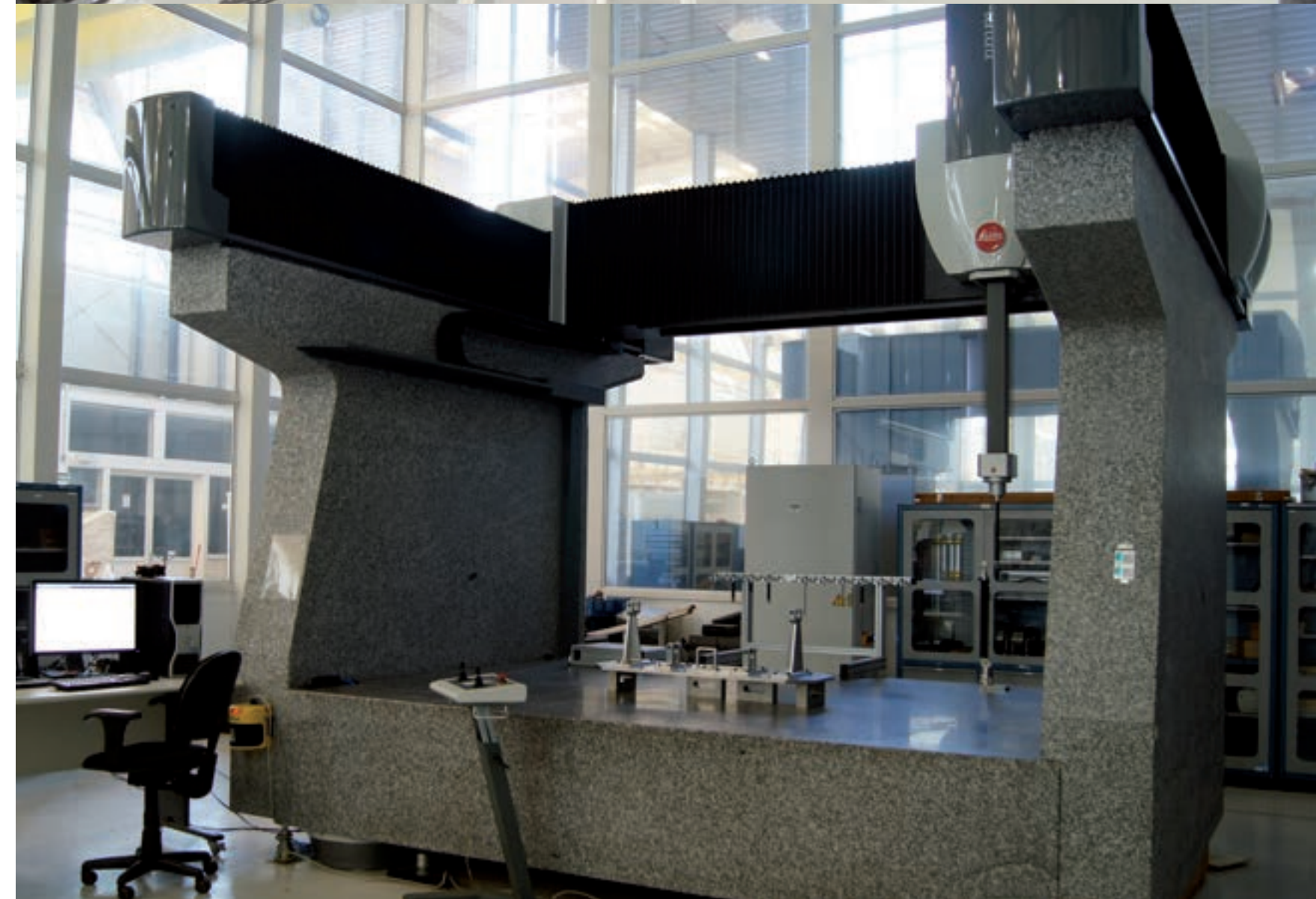
### TECHNOLOGY PARTNERSHIP INTEREST

Aircraft: construction, assembly and sub-assemblies

- Airport equipment and services
- Maintenance, product support
- Production equipment
- Aircraft modernization, modification and revitalization
- Tooling development and manufacturing
- Subcontracting - Electrical, electronic, mechanical engineering and metal working

### MAIN CONTACT

Francilio Graciano  
Executive Director  
francilio@troya.ind.br  
+55 12 3935-4100





## TurboMachine Veículos e Motores Ltda

### COMPANY DESCRIPTION

Turbomachine is a Brazilian engineering company with more than 15 years of experience in gas turbine technologies.

The company is located in Jacareí, 10 km from São José dos Campos – most important aerospace cluster in South America - and counts on an experienced team of engineers and technicians.

Since its foundation, Turbomachine has been developing and manufacturing different types of turbine engines.

Turbomachine's main activities are research, innovation and development of products, mainly in the fields of Gas Turbine Engines and Plasma Assisted Combustion.

From research and development to innovation and business, Turbomachine paved the way to offer our clients gas turbine technology bearing in mind modern engineering methodologies.

Its family of products aims to meet the market need for compact high performance engines, typically used in cruise missiles, drones, air targets and small aircraft. Our products can be developed and customized to meet the individual needs of each client.

### MAIN PRODUCTS & SERVICES

- Engineering Services
- Engine Systems and Equipment
- Electronic Systems
- Missiles and Weapons
- Research and Development
- Training

- Militar Defense - Design and development of propulsion engines for UAV application. (Turbojet, turbofan, e-ducted fan, turboprop).
- Services - Training and improvement of the technical team about Gas Turbine and components

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Design and development of propulsion engines for UAV application. (Turbojet, turbofan, e-ducted fan, turboprop).

### TECHNOLOGY PARTNERSHIP INTEREST

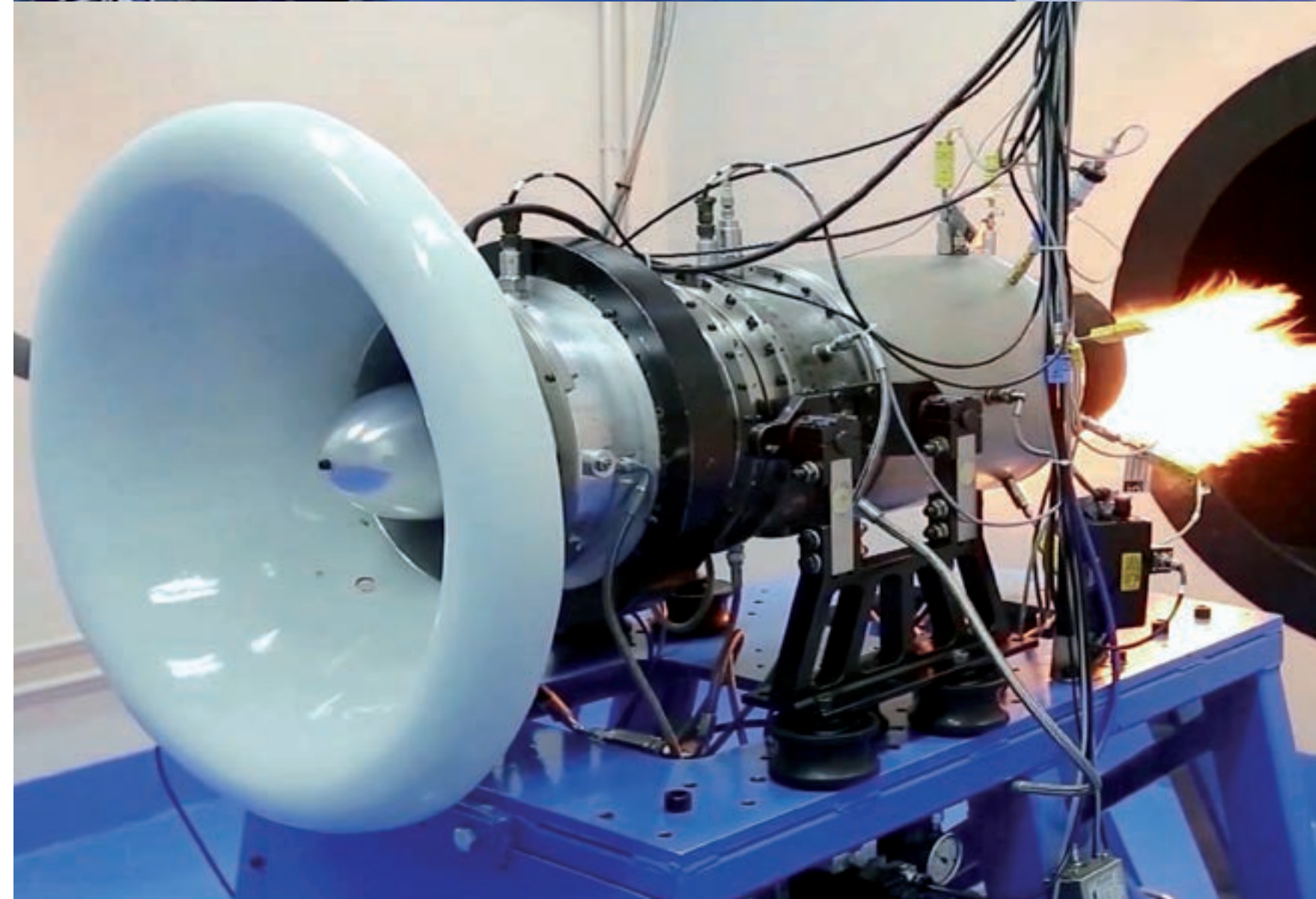
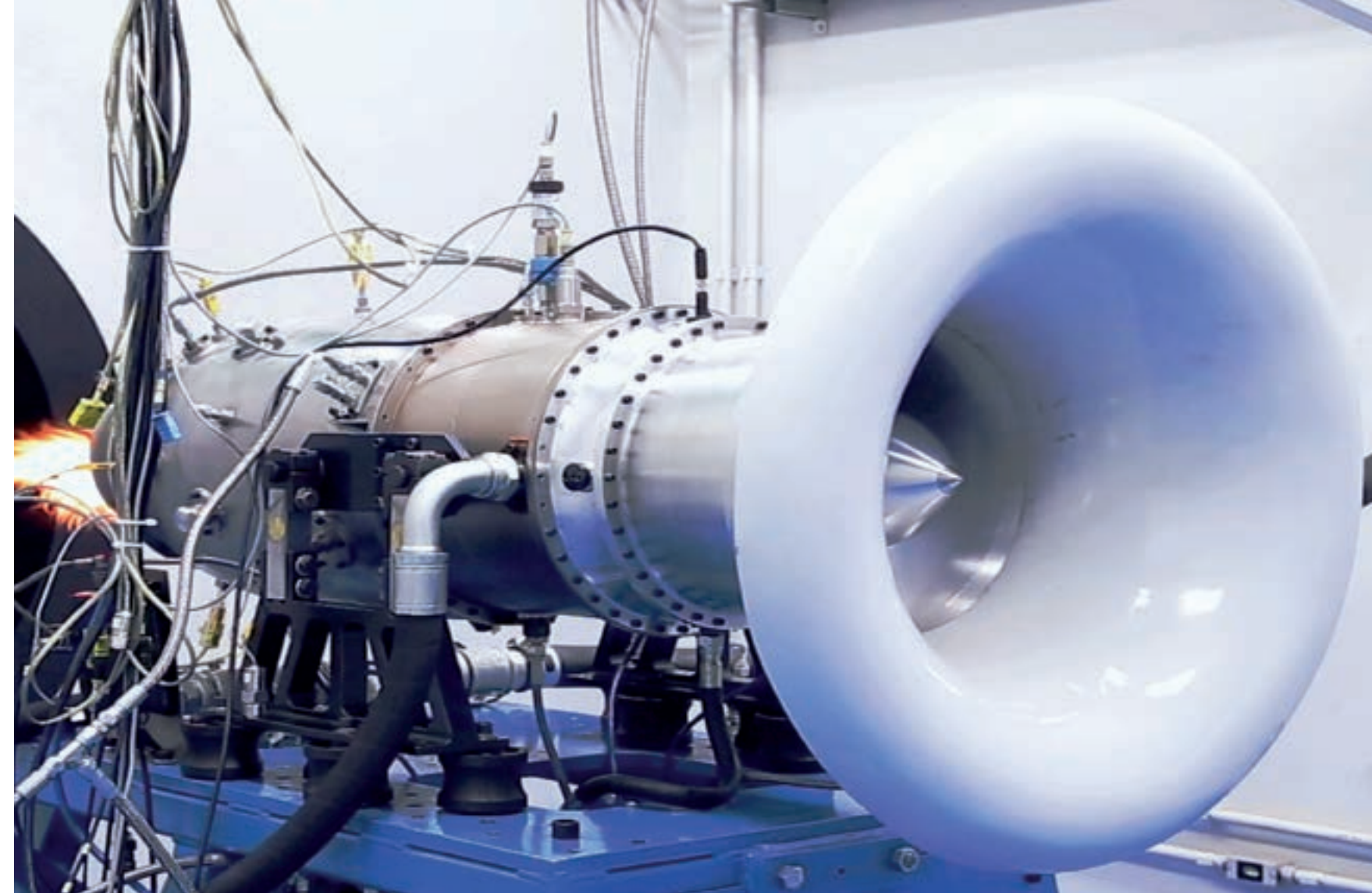
Turbomachine is seeking partnership for the development of new gas turbine engines, electronic systems aiming to attend marketing demand, negotiation of existing technology or development of new products using existing engines, or customization of existing products for attending specific customer requirements.

### ADDRESS

Geraldo Scavone 2300, Building 29 / 50  
Jacareí- SP - Brazil  
ZIP CODE: 12.305-490  
www.turbomachine.com.br

### MAIN CONTACT

Mairum Medici  
Director  
mairum@turbomachine.com.br  
+55 12 3958-6613





## UFT do Brasil Indústria Mecânica Ltda

### COMPANY DESCRIPTION

UFT is a machining and tooling company specialized in precision machining of complex geometry parts, in aluminum alloys, titanium, carbon steel, stainless steel and inconel. We are also specialized in the design and manufacture of automation, machining and inspection devices. Currently, our factory has 44 machining centers with 3, 4 and 5 axis machining, multi-task machines, EDM wire and penetration, and several conventional milling machines. At the end of 2020, an automatic line of 5-axis machining centers - FMS was installed.

### MAIN PRODUCTS & SERVICES

- Machining
- Tooling

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Satellite, Spacecraft, satellite telecommunications
- Militar Defense

### ADDRESS

Av. Marginal do Rio Jundiá, 440, Setor Industrial  
Várzea Paulista- SP - Brazil  
ZIP CODE: 13221-800  
www.uftnet.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

We are interested in developing a partnership for the manufacture of parts or products, using new technologies not yet used at UFT.

### MAIN CONTACT

Eduardo Tonini  
Diretor Administrativo  
edutonini@uftnet.com.br  
+55 11 4596-9172





## Usimaza Industria Ltda

### COMPANY DESCRIPTION

Brazilian company dedicated to the field of high precision mechanical machining and small and medium-sized parts. Specialized in machining development for products using various manufacturing software such as: AutoCAD; CATIA; CATIA Composer; Edgecam. Besides manufacturing parts made of various materials, like: Titanium; Aluminum; Beryllium copper alloy; Aluminum-bronze alloy; Stainless Steel; Carbon and low alloy Steel. Its primary focus is the aeronautical Market, but it supplies defense and security componentes, as well. Usimaza has as customers Embraer, ELEB, Latecoere, PDB do Brasil, Sonaca/Pesola, Aero Falcon and Issartel

### MAIN PRODUCTS & SERVICES

- Assembly
- Machining

### INDUSTRIES THAT APPLIED

- Propulsion development, satellite telecommunications system development, remote sensing, data treatment
- Militar Defense
- Services

### ADDRESS

Travessa Quirino Custódio da Silva, 51 - Santana  
São José dos Campos - SP - Brazil  
ZIP CODE: 12.211-181  
www.usimaza.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

CNC Lathe: Machining of flat pins, thread pins, plan and flanged bushings with dimensional accuracy; parts with small milling operations, such as drilling, indentations, tears and contours. Performs turning machining of bushings with: High precision tolerances - 5 millimeters for external diameter and 8 millimeters for internal diameter. Rugosity from 0.8 to 1.6 Ra (average) Bushings with or without Internal and external diameter with lubrication groove.

Machining Center: Flexibility for drilling operations, milling and threading on medium and low complexity parts.

### MAIN CONTACT

Sandro Vitor Araujo da Conceição  
Commercial  
comercial@usimaza.com.br  
+55 12 3500-1999





## Villares Metals S.A.

### COMPANY DESCRIPTION

For over 40 years, Villares Metals has been producing Special Steel and Nickel Alloys for components used in: aircrafts, artillery, missiles and rockets, ships and submarines, nuclear equipment, aerospace, light and heavy weapons and ammunition, ballistic protection, armored vehicles. The company also supplies parts for engines and power generation (hydroelectric, wind, thermoelectric, nuclear), components for oil and gas, consumer goods, tooling for manufacturing components and other segments on request.

### MAIN PRODUCTS & SERVICES

- Carbon steels, low alloy steels and engineering steels.
- High strength alloy steels.
- Austenitics, martensitics, ferritics, duplex/superduplex and precipitation hardenable stainless steels.
- High-speed steels, Tool steels for hot and cold work, plastic molds, industrial knives and others.
- Maraging steels with ultrahigh strength.
- Ni based alloys and superalloys with high mechanical strength, high temperature and corrosion resistance.
- Suppling conditions:
  - Hot rolled and forged Bars.
- Open die forgings machined and heat-treated.
- Wire rod.
- Welding wire in Ni alloys.
- Services:
  - Machining (turning, peeling, milling, trepanning, etc.).
  - Heat Treatment (annealing, Normalizing, quenching, tempering, Solution treatment aging, casehardening, plasma nitriding, etc).
  - Technical assistance supported by a highly specialized and professional team with large market experience.

### INDUSTRIES THAT APPLIED

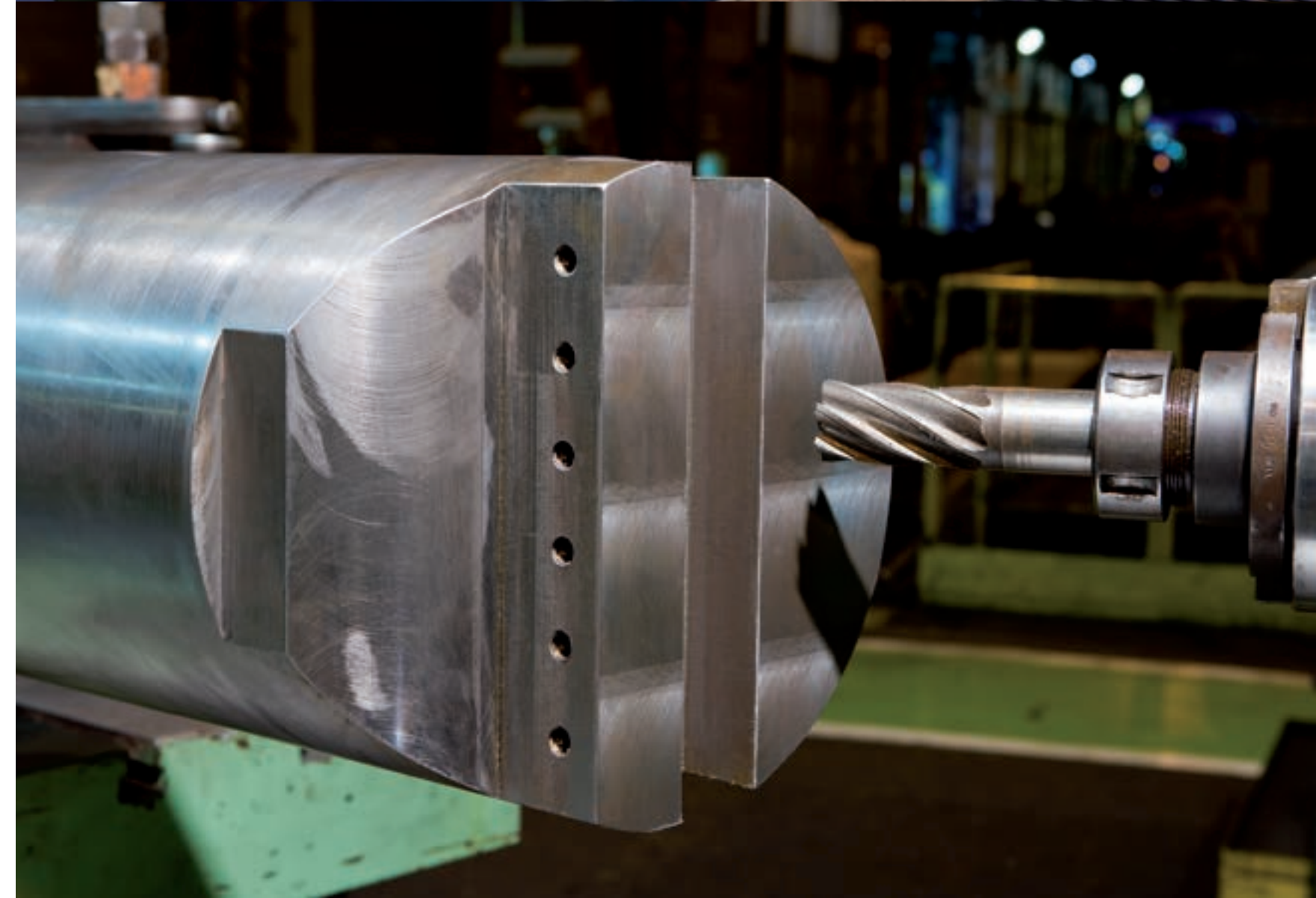
- Militar Defense

### ADDRESS

Rua Alfredo Dumont Villares, 155, Jardim Santa Carolina  
 Sumaré – SP – Brazil  
 ZIP CODE: 13178-902  
 www.villaresmetals.com.br

### MAIN CONTACT

Mr. Fábio Rodrigo Ramos  
 Sales Account Manager  
 fabio.ramos@villaresmetals.com  
 +55 114606-2398





## Visiona Tecnologia Espacial S.A.

### COMPANY DESCRIPTION

Joint venture between Embraer Defense & Security and Telebras, Visiona offers for the market a complete portfolio of products and services related to integration of satellite systems, remote sensing images and satellite telecommunications. Accredited as a Strategic Defense Company, it has six (6) Strategic Defense Products related to the space systems solutions.

### MAIN PRODUCTS & SERVICES

- Communication Systems
- Engineering Services
- Geoprocessing, Remote Sensing
- Integrations Services
- Research and Development
- Software Development
- Space Systems and Equipment
- Technical Support
- Training

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications
  - Space Systems Integration;
  - Training and Specialized Technical Support;
  - Research and Development of subsystems of satellites.

### ADDRESS

Estrada Dr. Altino Bondensan, 500,  
Distrito de Eugênio de Melo  
São José dos Campos - SP - Brazil  
ZIP CODE: 12247-016  
www.visionaespacial.com.br

### Services

- Supply of telemetry, optical and SAR images collected by Earth Observation satellites;
- Supply of Signal Intelligence services (SIGINT) through a low orbit satellite constellation;
- Supply of products and services derived from airborne Synthetic Aperture Radar – SAR imagens collected in the X & P Bands;
- Supply of satellite communication services (SATCOM) in broadband and narrowband.

### TECHNOLOGY PARTNERSHIP INTEREST

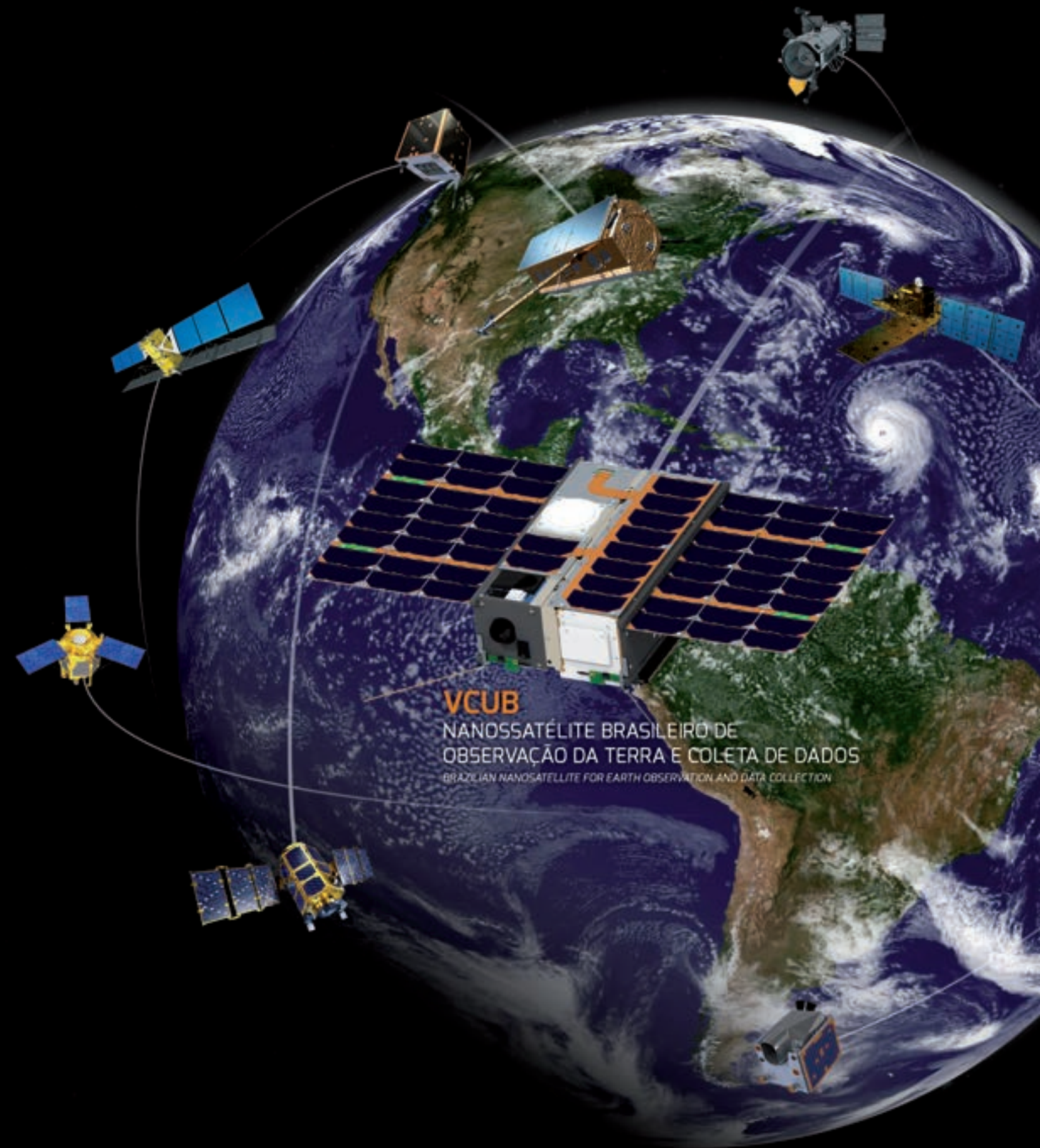
Visiona is interested in partnerships that can bring innovative knowledge in the space field to Brazil. Such partnerships can be in the areas: Satellite Segment, Ground Segment, SATCOM, GEOINT and Artificial Intelligence for remote sensing applications.

### MAIN CONTACT

João Paulo Rodrigues Campos  
CEO  
joao.campos@visionaespacial.com.br  
+55 12 2138-5801



A INTEGRADORA BRASILEIRA  
DE SISTEMAS ESPACIAIS  
THE BRAZILIAN SPACE SYSTEMS INTEGRATOR



DISTRIBUIDOR OFICIAL  
OFFICIAL DISTRIBUTOR





## VOA Tecnologia e Participações Ltda

### COMPANY DESCRIPTION

VOA's solution seeks to sustainably protect crops from pests and diseases, by deploying a fully-integrated drone service.

### MAIN PRODUCTS & SERVICES

- Drone Technology for Crop Protection and Nutrition

### INDUSTRIES THAT APPLIED

- Drone Technology
- Crop Protection and Nutrition

### ADDRESS

Rua Benedito da Silva Ramos, 20,  
Edifício Net Offices  
São José dos Campos - SP - Brazil  
ZIP CODE: 12242-650 • [www.voaline.com/en/](http://www.voaline.com/en/)

### MAIN CONTACT

Nei Brasil  
CEO  
[nei.brasil@voaline.com](mailto:nei.brasil@voaline.com)  
+55 12 99719-6654





## Voludi Usinagem LTDA

### COMPANY DESCRIPTION

In the market for 23 years, with its own headquarters and an industrial park in an area of 24,000m<sup>2</sup>, three sheds of 1,000m<sup>2</sup> each, the Voludi Usinagem develops solutions for the Aerospace, Automotive, oil and gas and infrastructure sectors.

With highly qualified labor, we have complete internal technology to meet all needs in:

- Turn Key process management;
- Engineering and Design;
- Catia V5-6R2017 Licensed Software;
- Integrated development of new products;
- Modification and modernization of platforms and tooling;
- CNC precision machining;
- Assembly, sandblasting and industrial painting;
- Industrial maintenance;

### MAIN PRODUCTS & SERVICES

- Adhesives and Coatings
- Structures
- Assembly
- Certification
- Engineering Services
- Engine Systems and Equipment
- Industrial Metrology
- Integrations Services
- Machining
- Maintenance, Repair and Overhaul
- Painting
- Raw Material Supplies
- Research and Development
- Special Process
- Stamping

### ADDRESS

Rodovia João do Amaral Gurgel, 4800,  
Parque Residencial Maria Elmira  
Caçapava - SP - Brasil  
ZIP CODE: 12.285-020 • www.voludi.com.br

- Tooling
- Transparencies

### INDUSTRIES THAT APPLIED

- Aerial/UAV
- Militar Defense
- Maintenance, product support and spares, transport
- Educational projects, consulting, modeling in 2D and 3D

### TECHNOLOGY PARTNERSHIP INTEREST

Voludi Usinagem expects new technological partnerships to leverage the names of both parties, in order to optimize and develop new processes, products and become more competitive in the market\*

### MAIN CONTACT

Diego Volpini  
Quality Coordinator  
diego@voludi.eng.br  
+55 12 99751-7673





## WEG Tintas Paumar S.A - Indústria e Comércio

### COMPANY DESCRIPTION

WEG started its activities in 1961, in the city of Jaraguá do Sul, Santa Catarina, manufacturing electric motors. Over time it adopted the name "WEG", joining the initials of its three founders: Werner Ricardo Voigt, Eggon João da Silva and Geraldo Werninghaus.

In 1983, WEG entered the paint market with the creation of WEG Coatings. It started with the production of liquid industrial coatings, expanding in 1984 its portfolio with the production of resins and in 1987 with that of clear coats. Ten years after its creation, in 1993, it produced its first batches of powder coatings. In 2012, WEG Coatings entered a new business segment, automotive refinishing, in addition to its production of industrial coatings. It currently has 4 manufacturing plants, two in Brazil, one in Argentina and one in Mexico, which employ more than 800 employees

### MAIN PRODUCTS & SERVICES

- Air Traffic
- Painting

### INDUSTRIES THAT APPLIED

- Maintenance, product support and spares, transport - Coatings

### TECHNOLOGY PARTNERSHIP INTEREST

- Paumar has a continuous innovation process, with investments in research, delivering products with high technology and quality to different markets.

- High performance anti-corrosion finish paints and coatings;
- Use of nanoparticles to enhance specific characteristics;
- Composite materials with mechanical reinforcement;
- Enamels and clear coats for electrical insulation.

### ADDRESS

Rodovia BR 280 Km 50 n° 6.918 – Bloco A  
Guaramirim - SC - Brazil  
ZIP Code 89270-000  
www.weg.net

### MAIN CONTACT

Sandro de Oliveira  
Head of Marketing  
soliveira@weg.net  
+55 47 3276-5602





## WF Estruturas e Sistemas LTDA

### COMPANY DESCRIPTION

The company offers services, complete and integrated solutions, from the manufacture of primary parts to the final assembly of assemblies and sub-assemblies, always seeking continuous improvement and excellence in manufacturing and assembly, guaranteeing the best service and flexibility to its customers. aerospace and defense, automotive and white goods industries.

The parts, produced in steel, stainless steel, aluminum and titanium, of the most varied sizes and types, are made with all industrial excellence. Following the norms and standards established by ISO 9001 and AS9100 and high quality standards of civil aviation, WF Estruturas e Sistemas uses modern equipment in its manufacturing pole.

### MAIN PRODUCTS & SERVICES

- Structures
- Assembly
- Machining
- Stamping

### INDUSTRIES THAT APPLIED

- Militar Defense - Parts Manufacturing and assembly.
- Maintenance, product support and spares, transport - Ground support manufacturing and assembly.
- Services - Machining.

### ADDRESS

R. Isaura Fernandes dos Santos, n. 61, Domingos Lopes  
Botucatu - SP - Brazil  
ZIP CODE: 18.608-850  
www.wfestruturas.ind.br

### TECHNOLOGY PARTNERSHIP INTEREST

Relationships are fundamental resources for companies and as such they must be managed in the most efficient and transparent way. The construction of a partnership is also guided by the levels of commitment that permeate the agreements signed.

We seek technological partnerships to add to the company's portfolio and both grow in their business by sharing knowledge and thus, be more competitive in the market delivering complete solutions to the needs of the market and customers.

Satisfying the customer is no longer enough, but an obligation. Enchanting him is much more than that, it is overcoming. This is exactly the main objective for the results to be positive for the business and for the relationships to be effectively lasting.

### MAIN CONTACT

Patricia Dias  
Owner / CEO  
patricia@wfestruturas.ind.br  
+55 12 98849-7959





## Winnstal, Indústria e Comércio Ltda

### COMPANY DESCRIPTION

Highly qualified company with experienced employees and state-of-the-art equipment, able to execute manufacturing processes at varying levels of complexity.

### MAIN PRODUCTS & SERVICES

- Assembly
- Devices, Aircraft parts
- Machining
- Painting
- Special Process
- Stamping

### INDUSTRIES THAT APPLIED

- Press Shop, Machining, Assembly, Special processes

### ADDRESS

Rua Miracema, 370, Chacaras Reunidas  
Caçapava - SP - Brazil  
ZIP CODE: 12238-360  
www.winnstal.com.br

### TECHNOLOGY PARTNERSHIP INTEREST

Having a highly trained staff with an efficient technical staff and a mix of professionals with extensive experience and young people trained in renowned technical schools in the region, WINNSTAL has demonstrated great skill and creativity to face the technological challenges of the market and overcome difficulties, being always ready to incorporate and execute new technologies. We highlight the wide use of 3D design software, solid models and integrated management and the industrial infrastructure available.

### MAIN CONTACT

Sergio Borges  
Coordenador de Processo  
sergiobor@terra.com.br  
+55 12 98117-4882





## WWT Worldwide Trading, LLC

### COMPANY DESCRIPTION

**MISSION:** To serve our customers from all over the world with our parts and aircraft sales services in the best possible way, working for them to have commercial success with our partnership.

**VISION:** To be the best provider of aircraft, parts and aeronautical products in the world.

### MAIN PRODUCTS & SERVICES

- Devices, Aircraft parts
- Engine Systems and Equipment
- Tooling
- Miscellaneous/Others

### ADDRESS

4010 Galt Ocean Drive unit # 1215  
Fort Lauderdale - FL- USA  
ZIP CODE: 33308  
[www.pbaaviation.com.br/wwt/](http://www.pbaaviation.com.br/wwt/)

### INDUSTRIES THAT APPLIED

- Aerial/UAV - We work with parts sales for airplanes and sales of agricultural planes, executives

### MAIN CONTACT

Roberta Viecili Bonamigo Bernardi  
Director  
[wwt.pba@gmail.com](mailto:wwt.pba@gmail.com)  
+1 954 278 0939 / +1 954 999 9120





## ZENIT AEROSPACE - Aerospace Engineering Junior Enterprise University of Brasilia (UnB)

### COMPANY DESCRIPTION

Founded in 2014, we are a junior company formed by students from the University of Brasilia, composed of students from the Aerospace Engineering course. For this reason, Zenit is a non-profit organization governed by law 13.267 / 2016. Committed to the diffusion of technology and knowledge related to the housed troposphere immensity above, we are a company dedicated to market innovation through the provision of services of excellence and outstanding importance in the aerospace industry. In addition, we aim at the professional growth of our members, with a view to training aimed at entering the job market. Thus, students are responsible for the operation of the company and have autonomy in their management, having at their disposal a council formed by the faculty of UnB.

### MAIN PRODUCTS & SERVICES

- Devices, Aircraft parts
- Engine Systems and Equipment
- Tooling
- Miscellaneous/Others

### INDUSTRIES THAT APPLIED

- Aerial/UAV - Drone piloting course
- Educational projects, modeling in 2D and 3D
- Business consulting
- Project design (2D and 3D modeling)

### ADDRESS

Area de Indústria Projeção A UNB, Setor Leste  
Gama - DF- Brazil  
ZIP CODE: 72.444-240  
www.zenitaerospace.com

### TECHNOLOGY PARTNERSHIP INTEREST

The Zenit Aerospace company hopes to consolidate several partnerships in addition to those that already exist. Cooperation in the technological field is essential in view of the company's performance and should bring benefits to both partners. An example of our partnerships is the realization of the plasma simulation code for an electric propeller Hall effect in conjunction with the Plasma and Electric Propulsion Simulation Laboratory.

### MAIN CONTACT

Eduarda Rodrigues Tavares  
President  
eduardatavares@zenitaerospace.com  
+55 61 9915-67204







BRAZILIAN AEROSPACE  
INDUSTRY CATALOGUE

SUPPORTING ORGANIZATIONS



## Aerospace Industries Association of Brazil – AIAB

### COMPANY DESCRIPTION

The Aerospace Industries Association of Brazil – AIAB is the National Trade Association that represents the Brazilian Aerospace Industries, promoting, supporting and networking their common interests and objectives in Brazil and abroad.

AIAB currently represents more than 30 aerospace companies that generate more than 22,000 highly qualified jobs in Brazil.

Established in 1993, AIAB is headquartered in the city of São José dos Campos, state of São Paulo, where the majority of the aerospace companies are located.

Our Members are involved in every stage of aeronautic, space and defense sectors, including the design, development, testing, manufacturing, sales, customer support and MRO (Maintenance, Repair and Overhaul) services.

AIAB coordinates the joint action of its member companies in the advocacy of interests with the Brazilian Government, including the executive and legislative branches of the Federal, State and Local government levels, as well as Brazilian and international public and private organizations.

AIAB is member of ICCAIA - International Coordinating Council of Aerospace Industries Associations, together with Aerospace Associations from USA, Europe, Canada, Russia and Japan, which represents the world aerospace manufacturers at ICAO – International Civil Aviation Organization, the United Nations specialized agency for Civil Aviation.

### ADDRESS

Praça Chui nº 35 - Ground Floor Hall Vila Ema - XX  
São José dos Campos - SP- Brazil  
ZIP CODE: 12.243-380  
<http://www.aiab.org.br/>

### MAIN CONTACT

Julio Hideo Shidara  
President  
[presidencia@aiab.org.br](mailto:presidencia@aiab.org.br) • +55 (12) 99792-5372





## Alcantara Launch Center

### COMPANY DESCRIPTION

The Alcantara Launch Center (Centro de Lançamento de Alcântara - CLA) is an Air Force Command organization which mission is to launch and track rockets and payloads related to the national politics of aerospace development. Besides that, CLA can also rescue payloads and store and process rocket's payload data.

The CLA is divided in five main sectors, three operational and two logistical. The operational system of CLA includes the Command and Control Sector (SCC), the Preparation and Launch Sector (SPL) and Raposa Site (Sitio da Raposa), which is located on Raposa City and houses the Atlas radar. The logistical sector includes the CLA support area located 5 km from the SCC, which houses a 2.600m runway, a security guard company, a medical center, houses and hotels for visitors and employees. The logistical sector also includes the São Luis office, which contains a hangar at Cunha Machado International Airport, a hotel, a hospital and a small military town.

Since 1983, CLA is an active launch center that has launched more than 490 suborbital rockets some of them with partnership with United States of America and Germany.

### MAIN PRODUCTS & SERVICES

- Space Systems and Equipment
- Provides launching and tracking services to suborbital and orbital rockets

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications - Provides launching and tracking services to suborbital and orbital rockets

### ADDRESS

Rod. MA 106, km 7  
Alcantara- MA - Brazil  
ZIP CODE: 65.250-000  
www2.fab.mil.br/cla

### TECHNOLOGY PARTNERSHIP INTEREST

Government and commercial aerospace companies.

### MAIN CONTACT

Lieutenant Andreza Christinne Rodrigues Aarão  
Public Relations Manager  
scs.cla@fab.mil.br • +55 (98) 3311-9284/3311-9286





## Brazilian Aerospace & Defense Cluster

### COMPANY DESCRIPTION

The Brazilian Aerospace Cluster was established in 2006 to consolidate Brazilian aerospace and defense supply chain. By gathering many companies into one network of collaboration and synergy, the cluster foster competitiveness locally and in global market, strengthening businesses. The Cluster is a pioneer in Brazil and recognized one of the most important of its kind in Latin America. It gathers over 100 companies totaling over 15,000 jobs. The Embraer, the third largest aircraft manufacturer in the world, is its anchor-company. The companies in the Cluster operate in engineering, avionics, tooling, logistics, industry and manufacture, defense, security, and space. To achieve its purpose, the Brazilian Aerospace Cluster engages in various activities dedicated to training and qualification, internationalization, fund raising and support to technological innovation. It also promotes business rounds, as well as national and international trade missions, conducted on its own initiative or through agreements with public and private institutions.

### INDUSTRIES THAT APPLIED

- Clusters Managing Office

### TECHNOLOGY PARTNERSHIP INTEREST

We believe good partnerships move business forward and because of that we are looking for International Clusters, Government Institutions and

Sectorial Associations to exchange knowledge and business opportunities among our associated companies.

We also look for Companies interested in the Brazilian Aerospace industry looking for business partners, R&D and Joint Research and commercial/ industrial partnership.

### ADDRESS

Altino Bondesan Avenue, 500  
Sao Jose dos Campos - SP - Brazil  
ZIP CODE: 12247-016  
<https://pqtec.org.br/cluster-aero/>

### MAIN CONTACT

Marcelo Nunes  
Coordinator  
[aerospacecluster@pqtec.org.br](mailto:aerospacecluster@pqtec.org.br)  
+55 (12) 3876 7733





## Brazilian Space Agency - AEB

### COMPANY DESCRIPTION

Brazilian Space Agency has the competence to coordinate the space sector in Brazil. Currently, the main objective of Brazilian Space Agency is to change the mindset of the sector in Brazil. AEB is trying to bring the New Space's behavior and environment to our industry. The focus is not anymore on the government procurement, but it is in how the private sector can actively participate in this sector. The space activities should not be restricted to a region or country. It is a global value chain and the national's companies could be a partner of this international supply chain.

Also, AEB are making efforts to build a friendly regulatory and commercial's environment that could attract companies to do business and to install their facilities in Brazil. The Brazilian Space Act will regulate all the commercial operations and provide the legal certainty that the companies needed to operate here. This document will be sent to Congress this year.

AEB and The Brazilian Air Force are working to prepare the Alcantara Space Center (CEA) for commercial uses. It is important to distinguish the terms CEA and CLA. The Alcantara Launching Center (CLA) is a military organization that provide the infrastructure and some of the required services from the CEA.

The CEA is a virtual or fantasy name to operate the commercial activities from CLA. This Center is formed by a set of infrastructure and services used to launch space vehicles from CLA and by the radars from the Barreira do Inferno Launching Center (CLBI), located in Natal, Rio Grande do Norte. The CEA will start to operate at 2021.

The insurance of the Space Activity Operator License is a legal assignment of the AEB like the authorization issued by the FAA in the USA. Also, AEB is responsible for the safety regulations and licensing process for space activities.

### ADDRESS

Setor Policial Area 5 Quadra 3 – Bloco A – Sala 110  
 Brasília - DF - Brazil  
 ZIP CODE: 70610-200  
 www.aeb.gov.br

### MAIN CONTACT

Michele Cristina Silva Melo  
 Advisor of Strategic Intelligence and New Business  
 michele.melo@aeb.gov.br  
 +55 61 2033 4064





## Barreira do Inferno Launch Center (CLBI)

### COMPANY DESCRIPTION

Barreira do Inferno Launch Center (CLBI) is the Brazilian Air Force facility dedicated to sub-orbital flights, high-performance unmanned aerial systems and, potentially, nanosatellites launching. The Center provides several resources and competitive characteristics for space operations, for instance: excellent logistics, geographic location close to the Equator line, two rocket launch pads, research facilities and world-class telemetry and tracking equipment. Also features great availability for launches during the year, due to tropical climate, which presents well defined wet and dry seasons with minimal duration of rainy periods; and the wind, which presents mostly adequate speeds and blows predominantly from southeast. This Center has accumulated five decades of experience in assembly, launch and tracking of sub-orbital vehicles; and in tracking services for the European Space Agency vehicles launched from French Guiana, such as Ariane, Vega and Soyuz rockets.

### MAIN PRODUCTS & SERVICES

- In-Flight Data Acquisition and Analysis
- Testing and Certification
- Assembly, launch and tracking of space devices for sub-orbital flights, high-performance unmanned aerial systems and defense systems; tracking of space devices launched by other space centers.
- and tracking of sub-orbital vehicles; and Spacecraft tracking and telemetry reception. (It is also potentially evaluated launching nanosatellite).
- **Military Defense** - Military systems operations with launch, tracking, telemetry reception and other tests.
- **Services** - Launch, tracking, telemetry reception for aerial and space systems.

### INDUSTRIES THAT APPLIED

- **Aerial/UAV** - UAV systems launch and tracking; Long-distance communication system development; and Operations with military jet fighters training systems.
- **Satellite, Spacecraft, satellite telecommunications** - Assembly, launch

### ADDRESS

RN-063, km 11  
Parnamirim- RN - Brazil  
ZIP CODE: 59140-970  
www.clbi.cta.br

### TECHNOLOGY PARTNERSHIP INTEREST

The CLBI is open to provide launch and tracking services to external users, like universities and aerospace industry, both national and international.

### MAIN CONTACT

Philippe Freire de Araújo Patricio  
Captain Engineer  
patriciopfap@fab.mil.br  
+55 (84) 3216-1470





## Brazilian Development Bank - BNDES

### COMPANY DESCRIPTION

BNDES – the Brazilian Development Bank – is wholly owned by the Brazilian Government. The Bank is the main provider of long term financing for investment projects. It provides various instruments – grants, venture capital funds, corporate credit – to support research development and innovation, manufacturing capacity, and acquisition of Brazilian aerospace equipments in the domestic and international markets.

The involvement of BNDES with the aerospace sector became more prominent after Embraer was privatized in 1994. The Bank played an important role financing the final stage of the development of the Embraer Regional Jet (ERJ-145) as well as offering competitive export credit for regional airline companies which were interested in buying it. Since then, BNDES is considered one of the main export credit agencies in the world, having financed over USD 23 billion supporting exports of Brazilian manufactured aircraft.

Besides its strategic importance for national defense and security, the aerospace sector is an important diffuser of innovation across various economic sectors and requires an over qualified labour which is an important asset for the country. Given those features, BNDES is permanently assessing innovation and productive investment opportunities in the Brazilian aerospace sector.

### ADDRESS

Avenida República do Chile, 100 - Centro  
Rio de Janeiro - RJ - Brazil  
ZIP CODE: 20031-917  
[www.bndes.gov.br](http://www.bndes.gov.br)

### MAIN CONTACT

Ricardo Rivera  
Chefe de Departamento das Indústrias  
Intensivas em Tecnologia e Conectividade  
[rivera@bndes.br](mailto:rivera@bndes.br) • +55 (21) 2052-6665 / 96868-0685





## Centro de Pesquisa e Inovação Sueco-Brasileiro (CISB)

### COMPANY DESCRIPTION

CISB's mission is search for solutions of complex global and societal challenges that cannot be solved by individual organizations and that need to be addressed by open innovation and multi-institutional innovation network arenas. The Centre aims to attract ideas, facilitate and create projects of research, development and innovation through the link between the Swedish and Brazilian actors.

### MAIN PRODUCTS & SERVICES

- Mobility program, corporate venture program, data report, conference, workshop, etc.

### INDUSTRIES THAT APPLIED

- Services - Mapping key actors in several technological areas, facilitate the connection between actors, organization of events, mobility programs, etc.

### ADDRESS

Oscar Freire St, 379, 12th floor – room 122  
São Paulo - SP - Brazil  
ZIP CODE: 01426-001  
www.cisb.org.br

### MAIN CONTACT

Alessandra Holmo  
Managing Director  
alessandra.holmo@cisb.org.br  
+55 (11) 2157-031





## Fundação Ezute

### COMPANY DESCRIPTION

Fundação Ezute is a private, non-profit organization that provides innovative solutions in technology and management domains to the challenges and problems confronted by Brazilian institutions.

Ezute collaborates with Brazilian organizations' transformation and effectiveness improvement, in particular with Public Sector Agencies. To this end, it can contribute to projects involving: Absorption, Management and Transfer of Technology; Application of Systems Engineering; Research, Development & Innovation (R, D & I); Complex Project Management; and Education and Training. It also supports the socioeconomic development, sovereignty and technological autonomy of Brazil.

The Brazilian Government recognizes Ezute as a Strategic Defense Organization (EED) and as an Institution of Science and Technology (ICT).

Launched in 1997, Ezute has developed many major programs, generating important impact for the Brazilian government and society. Ezute works in different domains such as Air Traffic Control and Management, Space and Defense, Public Security, Public Health, Environment Protection, Transportation and Public Management.

### MAIN PRODUCTS & SERVICES

- Air Traffic
- Advanced Defense Systems
- Consulting
- Engineering Services
- Environmental Systems
- Integrations Services
- Missiles and Weapons
- Research and Development
- Software Development
- Space Systems and Equipment
- Technical studies (e.g. feasibility, business plans, analysis of alternatives, surveys, assessment, etc) considering Brazilian policy and national aspects related to the space sector.
- **Satellite, Spacecraft, satellite telecommunications** - System Conception, Specification and Design, Program Management
- **Militar Defense** - System Conception, Specification, Design, Development, Integration, Deployment and Management
- **Services** - R&D, Program Management

### TECHNOLOGY PARTNERSHIP INTEREST

Ezute expectations range from mission definition and solutions, specification, integration, qualification and operation, including ground segment to support launchings from Brazil. Ezute can plan, conduct and participate in the development of solutions to explore and operate space products and businesses. Ezute expectations also consider Transfer of Knowledge and Technology initiatives

### INDUSTRIES THAT APPLIED

- **Aerial/UAV** - System Conception, Specification, Design, Development, Integration, Deployment and Management

### ADDRESS

Rua do Rocio, 313 – 11º Andar  
São Paulo - SP - Brazil  
ZIP CODE: 04552-904  
www.ezute.org.br

### MAIN CONTACT

Carlos Eduardo de Almeida Barbosa Junior  
Business Development Manager  
ceduardojr@ezute.org.br  
+55 (11) 3040-7355





## Instituto de Aeronáutica e Espaço - IAE

### COMPANY DESCRIPTION

The Institute of Aeronautics and Space (IAE), subordinated to the Department of Aerospace Science and Technology, is a Research & Development (R&D) Institution that belongs to the Brazilian Air Force.

The IAE aims to provide solutions to strengthen the Brazilian Aerospace Power by means of R&D and technological services in Aeronautical, Space Access and Defense systems and aeronautical projects. It has an active Space Program that includes the development of suborbital and micro satellite launching vehicles.

IAE has 50 laboratories and may provide services for institutions. The laboratories description and services relation is available at the address <<http://www.iae.cta.br/index.php/laboratorios>>

### MAIN PRODUCTS & SERVICES

- Dimensional Control Laboratory (CDI)
- Non Destructive Inspection Laboratory (IND)
- Identification, Navigation, Control and Simulation Laboratory (LICS)
- Subsonic Wind Tunnel TA-2 (TA-2)
- Subsonic Wind Tunnel TA-2 (TA-3)
- Pilot Transonic Wind Tunnel (TTP)
- Electrical and Electronic Equipment Assembly Laboratory (LMEE)
- Electronics Equipment Testing Laboratory (LTBF)
- Radio Frequency Test Laboratory (LTAF)
- Electromagnetic Compatibility Test Laboratory (LCEM)
- Mechanical Testing Laboratory (LEME)
- Physical Chemistry Laboratory (LCFQ)
- X-Ray Diffraction and Fluorescence Laboratory (LFDR)
- Chemical Analysis Laboratory (LQCM)
- Materialographic Laboratory (LMAT)
- Scanning Electron Microscope Laboratory (LMEV)
- Polymer Material Processing Laboratory (LMPO)
- Powder Processing Laboratory (LPPO)
- Sinterization Laboratory (LSIM)
- Melting and Refining Laboratory (LFRE)
- Heat Treatment Laboratory (LTTE)
- Gas Turbine Test Laboratory (LETG)
- Piston Engines Test Lab (LEMP)
- Propulsion Laboratory (LEPR)
- Instrumental Analysis Laboratory (LAAI)
- Chemical Analysis Laboratory (LAAQ)
- Synthesis Laboratory (LASI)
- Rubbers Laboratory (LABO)
- Ablation and Interfaces Laboratory
- Combustion Laboratory (LACO)

- Energetic Material Laboratory (LAME)
- Propellants Laboratory (LAPR)
- Mechanical Properties Laboratory (LAPM)
- Pyrotechnics Laboratory (LPIR)
- Acoustics Testing Laboratory (LEAC)
- Climatic Testing Laboratory (LECL)
- Vibration Testing Laboratory (LEVI)
- Mass Properties Laboratory (LPMA)
- Acceleration Tests Laboratory (LEAL)
- Test Stand Instrumentation Laboratory (LIBP)
- Preparation and Integration Laboratory (LPIN)
- Image Capture Laboratory (LRIM)
- Ballistic Tunnel Tests Laboratory (LETB)
- Aeronautical Accident Investigation Laboratory (LIAA)
- Calibration Laboratory (LCAL)
- Air Filter Laboratory (LAFA)
- Bird Strike Laboratory (LEIM)
- Structural Test Laboratory (LEES)
- Landing Gear and Component Laboratory Test (LETP)
- Hydraulic Test Laboratory (LEHI)

### INDUSTRIES THAT APPLIED

- Aeronautics
- Space
- Defense

### TECHNOLOGY PARTNERSHIP INTEREST

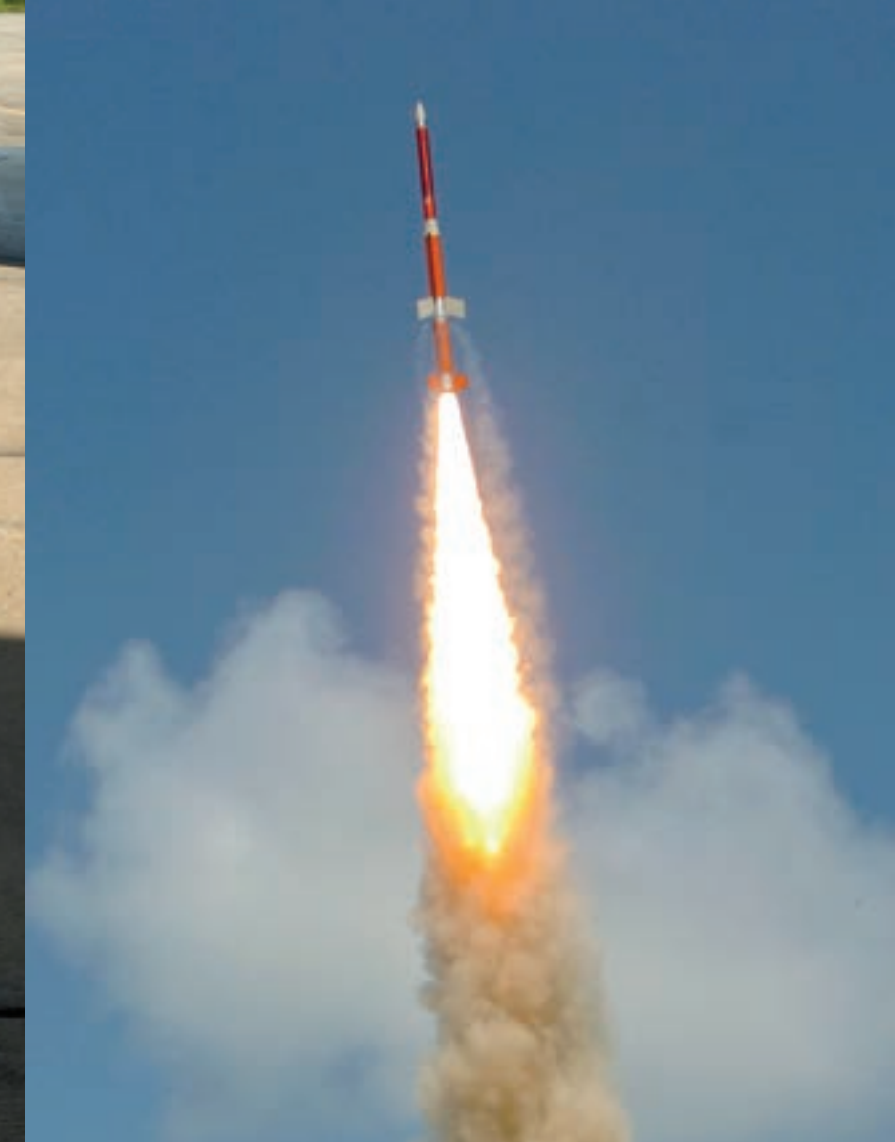
The IAE aims to provide solutions to strengthen the Brazilian Aerospace Power by means of R&D and technological services in Aeronautical, Space Access and Defense systems and aeronautical projects. It has an active Space Program that includes the development of suborbital and micro satellite launching vehicles. Within this context, IAE is constantly embracing cooperation with other Institutions to conduct research and development and qualify new suppliers of materials and subsystems to its projects.

### MAIN CONTACT

Diogo Câmara Pereira  
Coronel Eng.  
[diogodcp@fab.mil.br](mailto:diogodcp@fab.mil.br)  
+55 (12) 3947-5196

### ADDRESS

Praça Marechal Eduardo Gomes, 50  
São José dos Campos - SP - Brazil  
ZIP CODE: 12228-940  
[www.iae.cta.br](http://www.iae.cta.br)





## Instituto Nacional de Pesquisas Espaciais (MCTI/INPE)

### COMPANY DESCRIPTION

With 59 years of existence, a history of successful international cooperation and thirteen satellites already developed and launched for environmental data collecting, remote sensing and scientific missions, INPE is the Brazilian institution with the most experience in the development of space systems.

Since its first satellite, the SCD-1 (launched in 1993 and still operational), the Institute has been working to promote the competence of the Brazilian space industry in equipment and subsystems development, as well as in services and applications based on data generated from space.

INPE carries out the whole life cycle of space missions, covering analysis, design, development, AIT, tracking, operations, data reception and, in some cases, the final product or services to the final users.

INPE also provides services to companies in many areas, including aerospace, through the resources of its Integration and Testing Laboratory (LIT) and promotes training for qualified labor through its postgraduate courses.

### MAIN PRODUCTS & SERVICES

- Assembly
- Certification
- Consulting
- Documentation
- Engineering Services
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Industrial Metrology
- Integrations Services
- Research and Development
- Space Systems and Equipment
- Testing and Certification
- Training

### ADDRESS

Avenida dos Astronautas, 1758  
São José dos Campos - SP - Brazil  
ZIP CODE: 12227-010  
www.inpe.br

### INDUSTRIES THAT APPLIED

- Satellites and space subsystems development, assembly,
- Environmental tests (thermal, vacuum, mechanical, EMI/EMC), metrology, antennas, satellites tracking and operation, data handling and others.

### TECHNOLOGY PARTNERSHIP INTEREST

We are seeking technology partners to further specialize the services and products that Itakar offers and to be able to reach international markets.

### MAIN CONTACT

Geilson Loureiro  
General Coordinator for Space Engineering,  
Technology and Science  
geilson.loureiro@inpe.br • +55 (12) 3208-6268





## Institute SENAI for Innovation in Advanced Manufacturing and Microfabrication (ISI-MAMF)

### COMPANY DESCRIPTION

The Institute SENAI for Innovation in Advanced Manufacturing and Microfabrication (ISI-MAMF) has been operating since 2012 in the research and development of components and microcomponents for various sectors such as aerospace, oil and gas, agricultural, chemical, medical and dental, among others. ISI-MAMF has a technical team of 20 employees, coordinated by masters and doctors, specialists in design and mechanical microfabrication, surface modification, corrosion and metrology areas.

The ISI-MAMF laboratories have a total of more than 600 m<sup>2</sup> of built area and have approximately 40 manufacturing and analysis equipments, including 3D printer, 5-axis CNC machining center, wire EDM, laser texturizer, scanning electron microscope, confocal microscope, atomic force microscope, profilometer and tomography. Its facilities are INMETRO certified and registered at the National Petroleum Agency (ANP).

The ISI-MAMF team has already been included in more than 10 innovation projects. The institute also has partnerships with several research institutions and universities.

### MAIN PRODUCTS & SERVICES

- Certification
- Engineering Services
- Industrial Metrology
- Research and Development
- Original Equipment Manufacturer
- Testing and Certification
- Microfabrication
- Advanced Manufacturing

### ADDRESS

Rua Bento Branco de Andrade Filho, 379  
São Paulo - SP - Brazil  
ZIP CODE: 04757-000  
suicobrasileira.sp.senai.br

### TECHNOLOGY PARTNERSHIP INTEREST

The technological partnership aims at the collaboration between companies and national/international institutions. This partnership is important to the development and application of new knowledge and technologies that will be established and/or strengthened through the new absorbed competences.

### MAIN CONTACT

Luis Umbelino dos Santos  
Manager  
luis.santos@sp.senai.br  
+55 (11) 5642-3421





## Institute SENAI of Innovation in Polymers Engineering

### COMPANY DESCRIPTION

The Institute SENAI of Innovation for Polymers Engineering was founded in 1992 and has since then expanded to 70 employees, working on research and industry projects, and focusing on technology transfer and applied science in close collaboration with its partners. The Institute covers a very broad range of materials and processes within plastic, elastomer, paint, adhesive and composite fields and is active along the whole product development and value-added chain.

The Institute has qualified professionals, infrastructure and modern equipment, capable of meeting the most diverse technological demands and acting as an inducer of innovation in the Brazilian industry.

It is a unit accredited by EMBRAPPII (Brazilian Company for Industrial Research and Innovation) to develop research, development and innovation projects

### MAIN PRODUCTS & SERVICES

- Research, Development and Innovation (RD&I): structured project ranging from 12 to 24 months.
- Consultancy: quick projects (usually less than 6 months) in a variety of purposes.
- Technological Services: Laboratory tests, following standards or customized client requirements.
- Oil & Gas – Composite pressure vessels for ultra-deep water electronic enclosures.
- Executive Aviation – Fast cure & High quality finishing wood varnish for aircraft interiors.
- Lab Services - Flammability testing of aircraft materials according to CFR part25, appendix.

### INDUSTRIES THAT APPLIED

- Aviation - Lightweight structural composite parts for airplanes.
- Militar Defense - Optronic reflex sight in composite material – product development and tested according to Mil-STD-810G.

### ADDRESS

Av. Presidente João Goulart, 682  
São Leopoldo - RS - Brazil  
Zip Code: 93030-090  
<https://www.senairs.org.br/institutos/engenharia-de-polimeros>

### TECHNOLOGY PARTNERSHIP INTEREST

We can have partnerships either with other research centers, universities or companies (private or public). We can work with partners in the very same competencies we have or complementary ones. We are able to work in any TRL level, but often we work between TRL 3 to 6.

### MAIN CONTACT

Viviane Meyer Hammel Lovison  
Director  
[viviane.lovison@senairs.org.br](mailto:viviane.lovison@senairs.org.br)  
+55 (51) 3904 2700





## INVOZ – Associação para a promoção integrada da cultura da educação e do empreendedorismo

### COMPANY DESCRIPTION

INVOZ is a non-profit civil association of a private nature, with administrative and financial autonomy, which is governed by its Bylaws and the applicable legal provisions, with the following main purposes:

- Preserve, disseminate, defend and conserve cultural, historical and artistic Brazilian Aerospace heritage;
- Conduct studies, research and execute projects, planning and actions, in order to integrate the areas of education, culture and entrepreneurship, to contribute to the economic and social development of the country, based on the values and culture developed by notable people and institutions in the Brazilian Aerospace Sector;
- Promote the development of education at all levels, preserve culture, especially the Brazilian Aerospace Legacy and support the development of Industry, in particular the Brazilian Aerospace Industry;
- Promote volunteering; and
- Conduct studies and research, develop alternative technologies, produce and disseminate technical and scientific information and knowledge.

### MAIN PRODUCTS & SERVICES

- Consulting
- Training

### INDUSTRIES THAT APPLIED

- Association for the Integrated Promotion of Culture, Education and Entrepreneurship for Brazilian Aerospace Sector.

### TECHNOLOGY PARTNERSHIP INTEREST

INVOZ seeks technological partnerships to develop and sustain the following actions:

- Preserve, disseminate, defend and conserve cultural, historical and artistic Brazilian Aerospace heritage;

- Conduct studies, research and execute projects, planning and actions, in order to integrate the areas of education, culture and entrepreneurship, to contribute to the economic and social development of the country, based on the values and culture developed by notable people and institutions in the Brazilian Aerospace Sector;
- Promote the development of education at all levels, preserve culture, especially the Brazilian Aerospace Legacy and support the development of Industry, in particular the Brazilian Aerospace Industry;
- Promote volunteering; and
- Conduct studies and research, develop alternative technologies, produce and disseminate technical and scientific information and knowledge.

### ADDRESS

Avenida Salmão, nº 663, sala 53 – Edifício Sun Tower  
São José dos Campos - SP - Brazil  
ZIP CODE: 12246-260  
www.invoz.org

### MAIN CONTACT

Neide Pereira Pinto  
Chief Executive Officer,  
presidencia@invoz.org  
+55 (12) 3921-9717





## Reference Centers of Innovative Technologies CERTI Foundation

### COMPANY DESCRIPTION

The CERTI Foundation is a private, independent not for profit organization. Since 1984 it has worked in applied research, product development and innovative processes, entrepreneurship and technological services in Brazil and abroad.

CERTI has state-of-the-art laboratory infrastructure such as the electronics manufacturing laboratory ([www.labfaber.org.br](http://www.labfaber.org.br)) and specialized and multidisciplinary capacity for vastly complex RD&I projects for aerospace covering the technology readiness level TRL 3 to TRL 7.

The projects can start with technical and economic feasibility studies and strategic business analysis or a product and process development. From an experimental proof of concept to a system prototype demonstration in operational environment, it includes prototyping and manufacturing processes, supply chain development, laboratory and field tests, quality systems as well as the certification of the product and or process until its release in the market. E.g. this qualification can go as far as the product development and certification of real-time operating systems (RTOS).

### MAIN PRODUCTS & SERVICES

- Avionics
- Communication Systems
- Consulting
- Engineering Services
- Electronic Systems
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Mechanical Hardware
- Research and Development
- Original Equipment Manufacturer
- Software Development
- Special Process
- Testing and Certification

electronic design, mechanics and thermal management, embedded software and RTOS, algorithms and digital signal processing, HW acceleration and programmable logic (DSP, FPGA, SDR), control application up to the final production, DfX and reliability aspects. The design activities are conducted according to System Engineering and Agile practices, including certification, qualification and V&V and on premises testing.

- **Services** - Our metrology laboratories offer a wide infrastructure to carry out measurements and calibrations in the dimensional and geometric area. Its versatile configuration presents conditions for the most diverse measurements, from micro geometries, free and complex surfaces, non-contact measurements, all with low uncertainty and the ability to measure in the field.

### INDUSTRIES THAT APPLIED

- **Aerial/UAV** - CERTI is qualified to develop civil aeronautical electronic systems according to ANAC approved guidelines (ARP-4754A, DO-254, DO-178C) and its associated test rigs and ground support equipment. For high end application we develop computer vision systems for automatic object recognition for UAV's.
- **Pilot & nav aids and onboard equipment systems** - CERTI develops embedded safety-critical systems from conceptual design, system requirements,

### TECHNOLOGY PARTNERSHIP INTEREST

CERTI is offering research and development services for technological cooperation and/or specialized services. That includes development of new technologies, products and electronic manufacturing for small series. We can cooperate with aeronautical embedded systems, RTOS and software, technologies for data fusion, mechanical design, dimensional engineering, intelligent instrumentation, QA/Reliability and Industry 4.0.

### ADDRESS

University of Santa Catarina - Sector "C" - Bairro Pantanal  
Florianópolis - SC - Brazil  
ZIP CODE: 88040-970  
[www.certi.org.br](http://www.certi.org.br)

### MAIN CONTACT

Laercio Aniceto Silva  
Business Vice-President  
[las@certi.org.br](mailto:las@certi.org.br)  
+55 48 3239-2010





## Santa Catarina's Center of Convergence for Aerospace Technologies SC2C.Aero

### COMPANY DESCRIPTION

SC2C.Aero aims to attract public and private investments from Aerospace Sector to the State of Santa Catarina through collaborative work as a technology convergence center. Its main services are the management of national and international agreements; customer and partner relationship management; support for implementation of development processes for the aeronautical sector; encourage business with cooperation between innovative companies, demanding technological solutions, and RD+I Institutions, providing qualified offer; international matchmaking events and educational programs.

The members of SC2C.Aero are laboratories with facilities to conduct research and innovation in the aeronautical and space segment. In 2020, 12 laboratories are associated with SC2C.Aero, covering areas as metrology, instrumentation, productive processes, hydraulics, pneumatics, cubesats, combustion, thermal management, robotics, mechatronics, and embedded systems

### MAIN PRODUCTS & SERVICES

- Research and Development

- **Services:** Innovative solution in the development of manufacturing unit. Vibration analysis and control. Complex Mechanism Design

### INDUSTRIES THAT APPLIED

- **Aerial/UAV:** Software and Firmware Development. Embedded Systems. Wireless Sensor Networks
- **Satellite, Spacecraft, satellite telecommunications:** Software and Firmware Development. Embedded Systems; Integrated system design of nanosatellites
- **Pilot & nav aids and onboard equipment systems:** Methods for the design of hydraulic and pneumatic mechatronic systems. Heat pipe and thermosyphon technologies.

### TECHNOLOGY PARTNERSHIP INTEREST

As a convergence center, we expect to collaborate with industry in their technological challenges. Our members are laboratories of research and innovation with knowledge and facilities to assess, test and assist in the development of strategic technologies and concepts, especially in low to middle TRL levels.

### ADDRESS

R. Eng. Agrônomo Andrei Cristian Ferreira,  
s/n - Trindade  
Florianópolis - SC - Brazil  
ZIP CODE: 88040-900  
www.sc2c.ufsc.br

### MAIN CONTACT

Victor Juliano De Negri  
Coordinator of SC2C.Aero  
victor.de.negri@ufsc.br  
+55 48 3721 4607





## SENAI Innovation Institute for Embedded Systems

### COMPANY DESCRIPTION

The SENAI Innovation institute for Embedded Systems is a reference in research and development to make industrial processes and products more intelligent and efficient. Based in Florianópolis, Santa Catarina, the unit works in partnership with companies to create solutions that involve the development of software, hardware and data science (such as Artificial Intelligence), generating new products that cover Digital Transformation, IoT (Internet of Things), Industry 4.0 and intelligent machinery and equipment. With qualified professionals and high technology, the Institute offers cutting-edge applied research for the industry.

### MAIN PRODUCTS & SERVICES

- Avionics
- Advanced Defense Systems
- Communication Systems
- Devices, Aircraft parts
- Documentation
- Engineering Services
- Electronic Systems
- Environmental Systems
- Geoprocessing, Remote Sensing
- Ground Support Equipment
- In-Flight Data Acquisition and Analysis
- Integrations Services
- Logistics
- Maintenance, Repair and Overhaul
- Navigation Systems and Equipment
- Research and Development
- Software Development
- Space Systems and Equipment
- Testing and Certification

### INDUSTRIES THAT APPLIED

- **Aerial/UAV** - Development of innovative solutions (smart systems with AI and Computer vision solutions)

- **Satellite, Spacecraft, satellite** - Develop subsystems for aerospace segment; telecommunications Develop subsystems for aerospace segment; Conduct nanosatellite integration using cots and/or developed subsystems; Design, Simulate and Test EMI/EMC subsystem (applying golden rules Design and Construct Ground Support Equipment for satellite or payload system tests Implement IoT Solutions Develop Hardware (VHDL, PCB Design), Firmware and Software (Based on RTOS)
- **Militar Defense** - Development of innovative solutions
- **Maintenance, product support and spares, transport** - Predictive maintenance systems, IT systems

### TECHNOLOGY PARTNERSHIP INTEREST

Through this partnership it is expected to develop applied R&D aiming to achieve new embedded technologies of high quality and efficiency in accordance with the aerospace industry needs. That includes development of new technologies, products and processes evolving customized electronics, embedded software, smart instrumentation, artificial intelligence and computer vision. Also become a Brazilian reference on embedded systems for aerospace industry.

### ADDRESS

Avenida Luiz Boiteux Piazza, 574  
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<https://sc.senai.br/institutos-senai-de-inovacao/sistemas-embarcados>

### MAIN CONTACT

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## SENAI CETIQT/SENAI Innovation Institute for biosynthetic and Fibers

### COMPANY DESCRIPTION

The SENAI Innovation Institute for Biosynthetic and Fibers operates in a transversal way in themes identified as doors to the future for the chemical and textile segments chains, and supports companies in the design of strategies using the concept of high integration with industry and academia. It has a team formed by renowned specialists in the areas of biotechnology, chemical synthesis, process engineering and fibers.

Created in January 2016, the Institute is part of the Technology Center for the Chemical and Textile Industries - SENAI CETIQT. Located in the Science Park of the Federal University of Rio de Janeiro (UFRJ), it has about 3,500 m<sup>2</sup> of laboratories, the Institute is a national reference in innovation and is structured on technological platforms linked to applied research and competitive intelligence, enabling the identification and construction of opportunities for industry through analysis and development of new chemical, biochemical and textile products and processes.

### MAIN PRODUCTS & SERVICES

- R&D&I – Applied Research Center

### INDUSTRIES THAT APPLIED

- **Militar Defense** - Development of light weight ballistic textiles, development of functionalized fibers and fabrics, development of plasma surface modification, development of self-powered, sensorized and communicable garments and vests, and evaluation of military grade textiles.

### ADDRESS

Rua Fernando de Souza Barros, 120  
Cidade Universitária – UFRJ  
Rio de Janeiro- RJ - Brazil  
ZIP CODE: 21941-857  
<https://senaicetiqt.com/innovation/>

### TECHNOLOGY PARTNERSHIP INTEREST

It is expected from this partnership the development of applied R&D to create new products with high impact on aerospace and defense industries. It is important to highlight that our IP policy considers that the IP belongs to the partner/company that will finance the project.

### MAIN CONTACT

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## SENAI Innovation Institute of Manufacturing System and Laser Processing

### COMPANY DESCRIPTION

The SENAI Innovation Institute in Manufacturing Systems and Laser Processing, located at Joinville-SC, is a non-profit private research and technology organization (RTO), developing applied research projects (TRL 3-7; functional demonstrators or operational and stabilized processes) and specialized technological services in the field of advanced robotics, manufacturing systems and laser materials processing for the Brazilian industrial sectors, such as oil & gas, metal mechanics, automotive, aerospace, biomedical, and energy. The SENAI Innovation Institute houses one of the most complete and advanced Laser Materials Processing Centers in Latin America. Cutting-edge developments in additive, subtractive, and transformative manufacturing, as well as a laboratorial infrastructure for materials characterization, allow the Institute to actively work on the development of advanced manufacturing, in particular, on laser-based additive manufacturing, going from market demands to concept, design, component fabrication, and qualification by addressing very specific industrial demands.

### MAIN PRODUCTS & SERVICES

- Assembly
- Engineering Services
- Industrial Metrology
- Machining
- Maintenance, Repair and Overhaul
- Mechanical Hardware
- Painting
- Research and Development
- Special Process
- Testing and Certification
- Training
- Laser Metal Additive Manufacturing, Laser Surface Treatment, Laser Welding & Hybrid Welding

### INDUSTRIES THAT APPLIED

- Satellite, Spacecraft, satellite telecommunications
- Militar Defense
- Maintenance, product support and spares, transport

### TECHNOLOGY PARTNERSHIP INTEREST

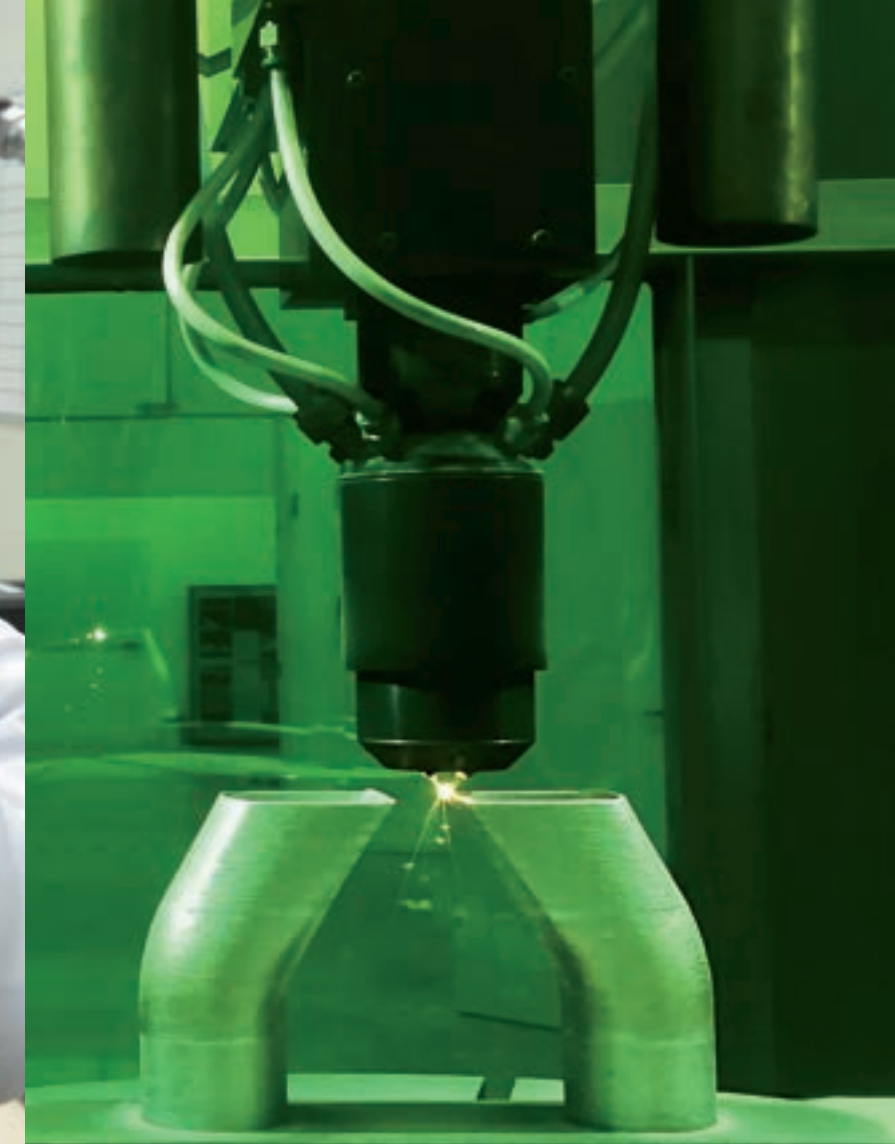
To share innovation processes towards the industrial sector, mainly related to laser materials processing, such as laser additive manufacturing, laser subtractive manufacturing and laser transformative manufacturing.

### ADDRESS

Rua Arno Waldemar Döhler, 308  
Joinville- SC - Brazil  
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sc.senai.br/pt-br/institutos-senai-de-inovacao/  
processamento-a-laser

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