A passionate technology partnership

AEDI

AVIOGELT ed IPSES

where the idea meets innovation

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About

We strongly believe that collaboration is the key ingredient to make new technologies and new products possible.

For this we created Aedi, a technology strategic joint venture betwen Aviogelt and IPSES, working closely to turn great ideas into reality.

Combing our talents, expertise and enthusiasm, we design and build solutions in a broad spectrum of sectors, including aerospace & defence, transport and energy.

Values

Our values are the way we work with our clients and with each other. Through passion, integrity, responsibility and respect We created a passionate technology partnership.

Innovation and imagination are the driving forces behind our expertise.
The highest quality level combined with a focus on client core business.

Mission

We work alongside our clients on joint projects to determine the best technologies and methods, starting with a structured requirement analysis, documenting all the processes from conception to development and delivery.

Our solutions cover a wide range of applications:

Testing systems: RF Test Equipment, Fixturing & Support Tools, Vision, Boundary scan, modular hardware and software test platforms

Software development with NI LabVIEW, LabVIEW real time, LabVIEW FPGA, TestStand, LabWindos/CVI, C++, C#, VHDL

Hardware devolpment: FPGAs, PCBs, high-speed signals, embedded processor

RF technologies: Radar, GNSS, WiFi and WiMAX

NI VST, VSA, VNA, FlexRIO, USRP, PXI, CAN, DAQ, ARINC 429, MIL-STD-1553 , ARINC Ethernet, STANAG 3910

Timing and frequency generation solutions: OCXO, DOCXO or Rubidium oscillators

Expertise

Our professional staff consists of highly competent individuals with many years of specific experience in the field of innovative hardware, firmware and software. Due to constant updating of our technical expertise, we can deliver innovative, consistent and reliable leading-edge technologies, combining design flexibility with quality and reliability.

If you are looking for products and services meeting the highest standards in quality, innovation and lifetime performance Aedi is the solution.

Services

Long-term support and maintenance

Installation and configuration on site

Periodic calibration

Extended warranty even with fast replacement

Migration and re-engineering

Obsolescence elimination

Applications

Air, naval and ground navigation systems

Satellite telemetry and data link

Synchronization and Positioning

Landing systems and beacon

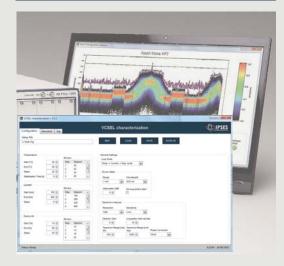Radar test and simulations

Electronic warfare (ECM)

Avionic tracking (IFF transponder)

Scenery generation

Communication buses, simulation and management

Vision systems for mechanics inspection and optoelectronics including dynamic vision test
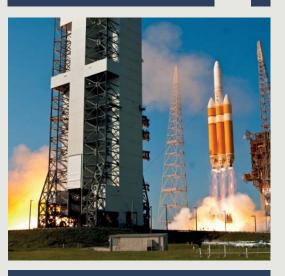
Non-regression test

We commit to deliver excellence in our products and services, exceeding expectations in terms of quality and value, managing large scale multi-level projects that require a high degree of control and maintenance

Quality

AQAP-13,
AQAP-150
ISO 9100
ISO 9001
DOD-STD-2167A,
MIL-STD-498
IEEE/EIA 12207

AEDI
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Certifications

Developers Certified as:

LabVIEW Architects

LabVIEW Embedded developers

LabWindows/CVI developers

TestStand Architects

Rome

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