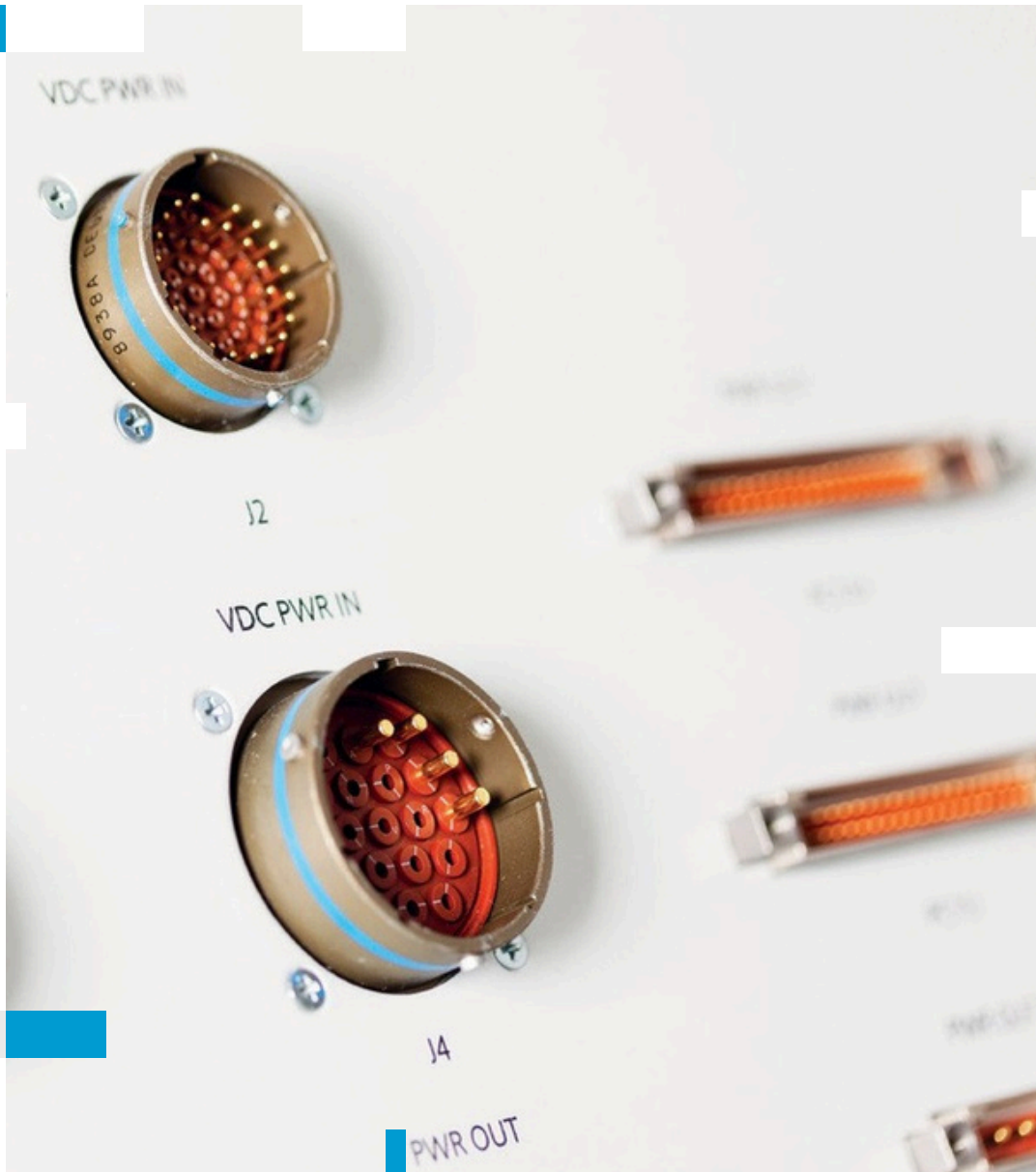


# AEROSPACE & DEFENSE

RF & SATELLITE, TESTING, INTEGRATION & SUPPORT





**EIIT - A Controlar company is a leading engineering company, with more than 40 years of experience designing, manufacturing and commissioning test equipment for all industry fields, providing customers with innovative and technologically advanced turnkey solutions. EIIT - a Controlar company strives to surpass the expectations of its customers, based on a highly motivated and skilled engineering team and flexible project management to ensure on-time delivery.**

**With strong expertise in aerospace and defense, EIIT delivers end-to-end solutions including RF and satellite systems, test benches, system integration, certification, and global support, covering the full lifecycle from design to deployment.**

Activities in the aeronautical sector began in 2000. Since then, EIIT has continuously leveraged and transferred its expertise in automatic test systems to deliver high-value solutions for the industry.

Today, EIIT – A Controlar company is a trusted and established supplier to Airbus and its key divisions, recognized for its reliability, technical excellence, and long-term partnership approach.

#### **Test Benches Development**

- ▶ Software Test Benches
- ▶ Integration RIGS
- ▶ Trainer Facilities

#### **Complete Detailed Mechanical and Electrical Design**

- ▶ Signal and Power Electrical Design
- ▶ Mechanical and Ergonomic Design

#### **High Standards Documentation Development and Presentation**

- ▶ Quality Certification
- ▶ High Standards of Materials and Quality Validation
- ▶ High Levels of Project Management

#### **Assembly Services and Know-how**

- ▶ Subsystems and Cabinets Assembly
- ▶ Harness Manufacture
- ▶ Continuity and Isolation Testing

#### **On Field Installation**

- ▶ Final Configuration in Customer Facilities
- ▶ High availability Technical Support
- ▶ Worldwide Installation and Support

## **References**

**AIRBUS**

with mpe  
**UpNext**

**CRISA**

**indra**



**oesia**  
grupo

 **RHEINMETALL**

**ThalesAlenia**  
Thales / Leonardo company **Space**

**ALTER**

**MADES**

**em&e**  
group

**CLEMESSY**

 **SAFRAN**

**Raytheon**  
**Missile Systems**

## AIRBUS A400M



**Interface test system for FAL (Final Assembly Line)**  
Interconnection racks to connect the test systems with the aircraft.



**Interface test system for FAL (Final Assembly Line)**  
These 39 equipments test different Aircraft's Electronics Subsystems.



**Interface test system for FAL (Final Assembly Line)**  
Distribution of test systems in the FAL.

## NH90 HELICOPTER



**Support Center for NH90**  
Power racks to control the distribution of 115VAC/400Hz and 28VDC.



**Support Center for Spanish NH90**  
Facilities for the Software support and maintenance for the NH90.



**Ground Simulation Cockpit**  
Facilities for the Software support and maintenance for the NH90.

## LOCKHEED P-3 ORION



**P3 Crew Trainer**  
Pilot support station for the trainer.

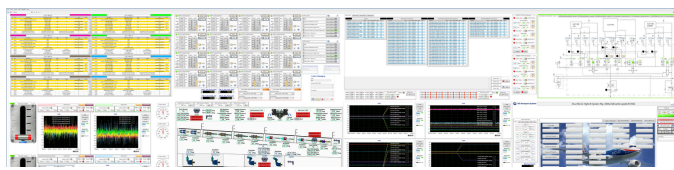


**P3 Crew Trainer**  
Trainer crew consoles.



**Integration RIG for P3-ORION**  
Detailed view of the racks containing the mission equipments.

## IRKUT MC-21



### Actuator Test RIG and Actuation Systems for the IRKUT MC-21

Work on the Primary Flight Control (PFC) actuators: rudder, ailerons, elevators, spoilers...  
Actuation Systems HLS (High Lift System): Flap and Slat.  
Development of signal conditioning tests, including acquisition, simulation, emulation control, and automation, as well as RIG testing for validation, acceptance, software regression, and ground simulation of the HLS and Primary Flight Control (PFC).



## CASSIDIAN UAV NEURON



**Ground control station**  
Outer view of the shelter.



**Ground control station**  
Equipment racks inside the shelter.



**Ground control station**  
UAV command console.

## CASA CN-235



**Integration rig for maritime patrol mission**  
Console simulators.



**Integration rig for maritime patrol mission**  
LRU (Line Replacement Units) racks.



**Integration rig for maritime patrol mission**  
General view.

## METEOSAT 3rd GENERATION



### Data streaming and high-speed digital communications in space

Validation system for the high speed communication bus. PXI based system. I/F electronic design for 1,5Gbit/s HS bus. Acquisition of data up to 3 Terabytes. 6 test benches for DPU(data processing unit) and VCU (video control unit).



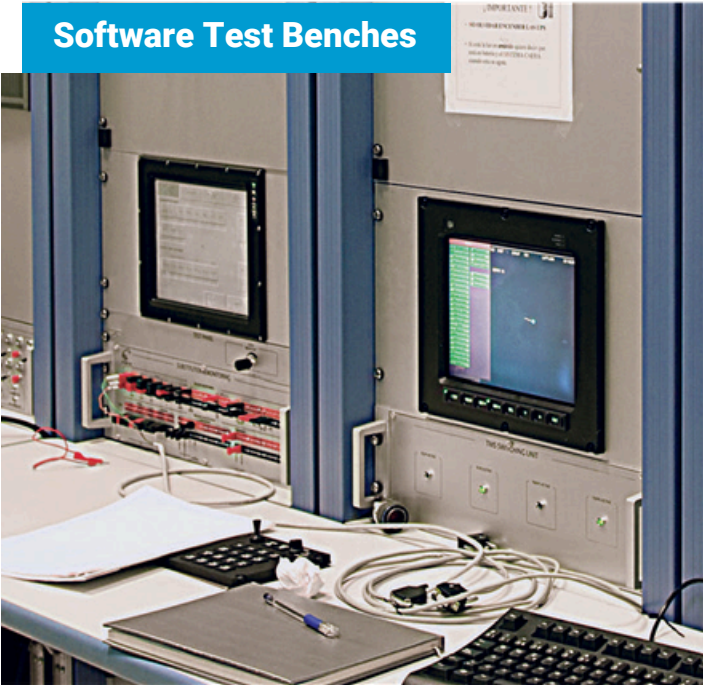
**Integration Rigs**



**Maritime Patrol Missions**



**Software Test Benches**



**Support Centers**



**Production Support**



**Trainer Facilities**



**Ground Control Station**



# Innovation, Quality and **Passion for Engineering.**



01 SPAIN | 02 PORTUGAL | 03 MEXICO | 04 GERMANY | 05 INDIA | 06 MALAYSIA | 07 CHINA | 08 USA



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Aeronautics 

Special Test Equipment 

Automation Systems 

Solutions Equipment & Partnership 

