



INDUAVANT
VANGUARDIA Y SERVICIO

- **ADVANCED SERVICES FOR INDUSTRY**

INDUAVANT S.L.

VANGUARD & SERVICE

WHY US?

INDUAVANT: Ensuring the continuity of the process

We are an STARTUP inherited from a previous company (SUIGNERIS). Technical Service highly specialized in Advanced Services of integration of technological solutions for industry. Thanks to our experience of 25 years we are a guarantee of security, knowledge and ability to implement technological solutions of I4.0 with a specialization in OT-IT integration We are an avant-garde company in technology and thanks to this we solve innovation challenges with the implementation of projects for productive improvement with a focus on sustainability, the circular economy and energy saving.

INNOVATION

SERVICE

COMMITMENT

SUSTAINABILITY

EXCELLENCE

EQUITY



**Digital integration of all
the areas of the organization**

OUR TRAYECTORY

1998

Borns PQ Generation Energetics

Automation Engineering Company and SAT of Generating Sets

2015

3R TECHNICAL EXPERTS

Transformation and consolidation of automation projects and official SAT of various manufacturers

2017

Appearance of the new concepts of digital transformation, Industry 4.0 and IoT solutions

2018

New brand - SUIGÉNERIS – SMART-SUPPORT

Evolution to Predictive Maintenance Systems, specialization in cyber-physical systems and manufacturing of IoT devices.

2023

INDUAVANT

CREATION OF THE NEW STARTUP to offer advanced value-added services.



OUR AIMS

Solutions for current industry digitalisation problems



Disconnection from the OT and IT worlds

Solve the problems of generation and integration of information from physical devices into digital data



Improve digitization status

Accelerate the mechanisms to achieve a uniform digital transformation in the company.



Sustainability focus

Sustainable economic development, with a focus on the circular economy to reduce the environmental impact and carbon footprint and improve the quality of HR positions.



Enabling technologies

Responsible deployment of Artificial Intelligence



OUR ACTIVITIES

The main areas of intervention of INDUAVANT



INDUSTRY 4.0

Engineering solutions and digitization of cyber-physical systems. OT and IT integration



IoT DEVICES

Manufacture and sale of IoT devices and solutions.
Traceability and sensorization



PREDICTIVE MAINTENANCE

Services for Remote-Assistance, Remote-Supervision of critical processes and PREDICTIVE maintenance through Artificial Intelligence.



Solutions tailored to needs

The Know-How of INDUAVANT acquired during these years, makes us clearly understand the needs of our clients and offer the best solutions adapted to their needs.



ENSURING THE CONTINUITY OF ENERGY INTELLIGENT MAINTENANCE OF ENERGY PLANTS



S.A.T

Highly specialized technical assistance service. Preventive Maintenance
Corrective maintenance



ENGINEERING

Specialists in advanced control systems. Design and manufacture of automation panels and management maneuvers for generation plants



SRE- EXPERT REMOTE SUPPORT

Application of Industry 4.0 technologies, for remote support by specialists with streaming software with Augmented Reality



PREDICTIVE

Remote management of power plants, with machine learning tool for Predictive Maintenance.
-Guaranteeing the start-

UNITY IS STRENGTH

We close the circle of I4.0 technologies and we can deploy and integrate solutions from

OUR OFFICIAL PARTNERS



(Automation Hardware)

PHOENIX CONTACT

WISE

(MES software)



SIGNE BLOCK

(blockchain and supply-chain traceability)



(AI software)

TUPL

(HR-digital skills)

NORTEMPO



(AR-SRE software)

WIDEUM



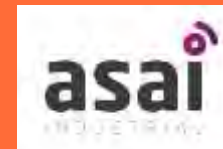
TST

(IoT-electronics)



ASAI

(Robotics & Artificial Vision)





SUCCESS STORIES

Most representative works in each area. Main clients



SEAT. Automotive

IoT, Geolocation, Embedded Intelligence, Big Data, Analytical Control.

System to improve productivity, with traceability of workpiece containers, by means of mobile IoT equipment, for geolocation, alerts and visualization, with information analytics



KOHLER-SDMO SAT

IoT, Wearables, Big Data, IT integration Augmented reality, analytical AI.

Digitization of the operator, through wearables and integration of the information with management software. Remote support with augmented reality.



NATURGY Energia

IoT, Big Data, Machine Learning, IT integration, Analytics, Big data

OPEX saving system through new IoT sensorization of machinery for remote management, predictive maintenance and integration with management systems.



CEL-CELIS Manufacturing

Robotization, IT integration, Analytics, digital platforms

Robotization of photovoltaic cell factory, improvement of production systems and customer information. > 5000 physical signals and OT and IT systems integration.



INDRA Airports

Integration system with AENA for information management of boarding gates with installation of touch HMI, information management plc Alert signal transmission system with Firefighters



AYTO MADRID – Telecommunications towers

Installation of PLC and sensors for control of equipment and network systems of telecommunications booths of the data transmission system of the city council, for remote management, centralized Scada and wireless communications 1300 signals



PSA – SOLAR PLANT PROYECTS

Automation Project, with sensorization, instrumentation, Control with decentralized periphery and redundant PLC's, Scada system and various communications protocols for control of Parabolic Cylinder Mirror Plant with gas circulation through concentrator tube. 2600 signals



T-SYSTEM cogeneration

Engineering Installation and automation of diesel generation plant, with power and control panels for synchronism between generators and the grid, general SCADA and PLC



RED ELECTRICA DE ESPAÑA- remote control

Generator automation and remote management system with 4G wireless communications centralized SCADA system for remote access to facilities, for asset management and analytics. 6000 signals

TEAM LEADERS



Ricardo Rodriguez
CEO

Business / CEO
Engineering Automation
Electromechanical
PLC engineer
AT/MN
Construction management
Project Management
Software Developer
Personal address



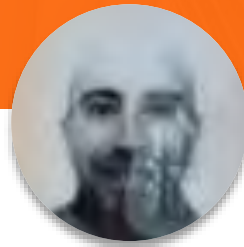
Fco. Javier Balbuena
CCO

SAT Coordination
Automation
Electromechanical
PLC programmer
AT/MN
Construction management
Project Management
Equipment management



Irene Martín
CTO

HD Industrial Engineer
Engineering Automation
Construction management
Project management
PLC engineer
Software Developer
AI developer



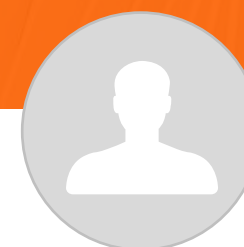
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