



# GEN3SIS SOLUTIONS

## Edge Computing, IoT & OT Technologies

## EdgeG360

### What is EdgeG360?

**EdgeG360** is Gen3sis' solution that integrates industrial operating environments (OT) with IT and Cloud platforms, enabling edge data processing, near real-time analytics, and secure connectivity between the plant, sensors, and the cloud.

It enables **critical processes to be operated with low latency, high availability, and OT security**, under an Industry 5.0 approach, where technology amplifies human decision-making capabilities and protects operational continuity.

### The problem it solves

Many industrial organizations operate with OT systems disconnected from IT, **creating information silos, low operational visibility, and slow responses to critical incidents.**

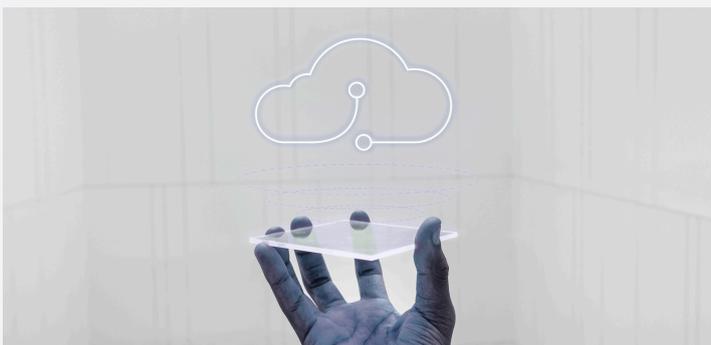
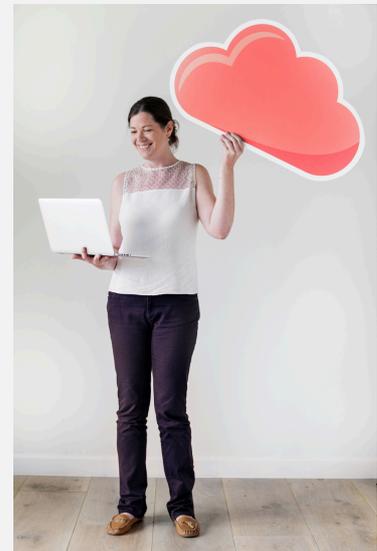
High dependence on the cloud and lack of OT-IT integration increase latency, raise operational risk, and expose industrial infrastructures to cybersecurity threats, affecting safety, productivity, and **regulatory compliance.**

### What does the solution include?

- Edge-to-Cloud architecture for industrial environments
- Integration of sensors, PLCs, and SCADA systems
- Industrial gateways and IoT platforms at the edge
- On-site data processing and analytics (Edge Analytics)
- Secure OT-IT integration (ERP, MES, ITSM, cloud platforms)
- OT security with network segmentation (ISA/IEC 62443)
- Near real-time operational monitoring and visibility

### Key benefits

- Real-time operational visibility
- Reduced latency in critical processes
- Increased security for industrial assets
- Operational continuity even with limited connectivity
- Elimination of silos between OT and IT
- Better decision-making at plant and corporate level



### Next step

Is your operation ready to integrate on-premises and cloud with security, visibility, and real-time control? Let's talk and design an Edge-to-Cloud strategy together with **EdgeG360.**