

## OPCENTER EXECUTION CORE

The modular foundation to digitalize and control every manufacturing process

Opcenter Execution Core is the heart of digital transformation in manufacturing: a flexible and scalable MES system that enables complete process control, intelligent automation, and real-time monitoring.

Integrated with ERP, PLM, and shopfloor systems, it ensures consistent quality, full traceability, efficient resource management, and immediate adaptability to product and process changes.

### Why choose Opcenter Execution Core?

#### Complete operational control, advanced traceability

Manages orders, materials, workflows, resources, and operators from a single platform. Tracks every process step with full genealogy and automatic audit trails to reduce risks and errors.

#### Modularity and flexibility for every industry

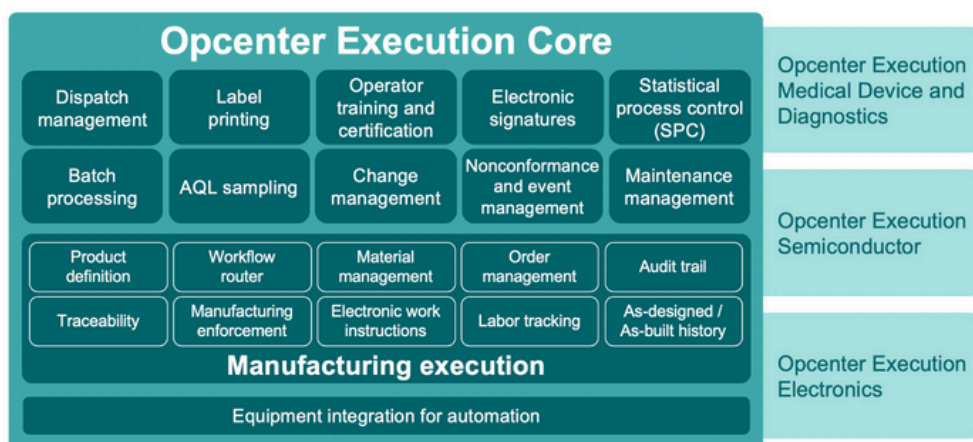
Adaptable to complex sectors such as electronics, medical devices, and semiconductors, thanks to a no-code configurable architecture and domain-specific suites.

#### Built-in quality and simplified compliance

Monitors quality in real time, enables electronic procedures, digital signatures, and nonconformance management. Compliance becomes a natural outcome of your production process.

#### Efficiency, mobility, and interoperability

Accessible from any device, Opcenter Execution Core enhances operator efficiency, integrates seamlessly with existing machines and software, and enables fast response to change.



The modular architecture of Opcenter Execution Core includes advanced capabilities for comprehensive management of production, quality, traceability, and equipment integration. It serves as a scalable foundation for vertical solutions like Opcenter Execution for Medical Device and Diagnostics, Semiconductor, and Electronics.

# The operational value of Opcenter Execution Core



## For production: real-time control and responsiveness

Opcenter Execution Core allows operators to work with intuitive interfaces and mobile devices, monitoring priorities, order status, and available resources. The system guides each step with digital procedures, prints labels, supports barcode scanning, and ensures a paperless, accurate, and controlled production environment.



## For quality: high standards, fewer defects, more compliance

With integrated quality control tools and SPC (Statistical Process Control) modules, anomalies are detected instantly. Features such as electronic signatures, digital production records, and nonconformance management streamline compliance (e.g., FDA 21 CFR Part 11) and enhance finished product reliability.



## Per la manutenzione e l'efficienza operativa

Opcenter Execution Core includes tools for managing preventive and corrective maintenance, automatically detecting critical conditions. Integration with automation systems and equipment control maximizes asset availability and reduces unplanned downtime.



## Per il management: governance e continuità industriale

With global dashboards, automatic audit trails, and complete traceability, management can monitor operational performance, optimize processes, and introduce new products quickly. The platform supports continuous improvement and enables lean and Six Sigma strategies with reliable, up-to-date data.