The Industry 4.0 solution for manufacturing optimisation

On.Plant/MES is the web-based software developed by Onit Group for the complete management of the processes and manufacturing equipment of an interconnected and smart factory perfectly in line with the Industry 4.0 trend. The software ensures an efficient and high-quality stream across all the operational phases, with the following benefits:

- Increased productivity through reduced manufacturing lead time
- Reduced errors and waste
- On-time orders fulfilment
- Optimised resources

On.Plant/MES supervises the production activities of the company supply chain:

- Plans and schedules the production and management of BOMs (recipes)
- Controls all the product manufacturing phases and logs machinery downtime
- Coordinates quality controls in compliance with UNI-ISO and HACCP standards
- Monitors products tracking and tracing in real time
- Provides KPIs to assess manufacturing performance

On.Plant/MES has the following features:

- Integration with factory devices (e.g. PLCs, line control panels, SCADA, etc.)
- Interface with Databases and ERP Management Systems
- Direct data collection from machinery and equipment
- Status information and alerts from line devices
- Native drivers for the most popular communication protocols

AREAS OF APPLICATION:

- Food & Beverage
- Ceramics
- Chemicals and Pharmaceuticals
- Plastics
- Machinery and Equipment
- Textile and Fashion
- Wood and Furnishing
- Mechanics and Components
- etc.

Higher productivity

- Reduced waste
- Downtime management
- Performance monitoring
- Proactive set-up instructions on the lines

Lower costs

- Paper-less processes
- Reduced stocks
- Optimised procurement
- Optimised planning of labour and resources

Total control

- Real-time monitoring of manufacturing progress
- Quality controls and non-compliance management (QMS)
- Upstream and downstream product/process traceability
- Activity KPIs and statistical analyses
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**ARCHITECTURE**

**TOP 10 REASONS FOR CHOOSING ON.PLANT**

1. Connection and direct data dialogue between automation, machinery, and software
2. Real-time visibility of the work plan and its progress
3. Timely management of alerts and critical issues (faults, set-up activities, etc.)
4. Swift compliance with the quality procedures set forth in ISO 22000 and HACCP
5. Efficient management of BOMs and related production setpoints
6. Real-time data alignment on the management system
7. Full product traceability and constant monitoring of production lines
8. Reduction of order processing time (lead time) and purchase optimisation
9. Modular web-based software available as cloud software
10. Compliance with Industry 4.0 projects to access applicable tax benefits

**OUR CUSTOMERS INCLUDE:**