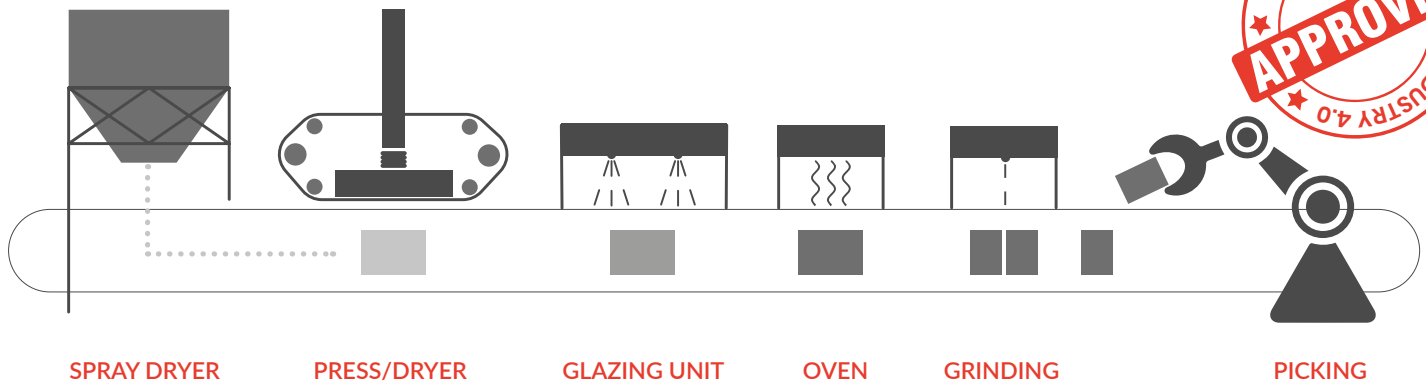


On·Plant/ MES

On.Plant/MES Ceramic is the web-based software developed by Onit to manage the production of the ceramic industry through the interconnection with manufacturing plants. The advantage consists in having a **real-time** tool which offers a complete view of the manufacturing equipment, and provides process monitoring and reporting for resource optimisation.



Factory operator panel

Features:

- Manufacturing progress update
- Monitoring of one or more stations
- Change-over management
- Real-time data logging (production report by pieces, boxes, square meters, gas consumption, etc.)
- Shift management

Downtime Management

Features:

- Automatic detection of downtime thanks to machine integration
- Stop reasons
- Filters (date, line, machine, idle unit, downtime)
- Reporting with downtime rating by frequency/duration

Equipment Set-Up Time Management

Features:

- Instructions for factory operators
- Definition of max set-up/change-over time
- Alerts if the allocated time is exceeded

Industrial cost accounting through integration with ERP

Data Exchange by Item:

- Code
- Description
- Conversion Coefficient pc. > m²

Data Exchange by Production Plan:

- Date of production
- Item code/line/work order
- Batch
- Production notes

KPIs - Manufacturing Performance

Real-time monitoring of:

- Actual output vs target output
- Actual speed vs target speed
- Actual set-up time vs target set-up time
- OEE (availability, performance, quality)
- Labour, line hours
- Energy-intensive systems consumption
- 1st grade % vs waste %
- Yields by grade