



Let your **DATA** SPEAK
to improve **PRODUCTIVITY**

HUBSERVE

Observe, analyze and understand

WHAT IS OEE?

OEE, or Overall Equipment Effectiveness, is a key performance indicator used in manufacturing to assess the effectiveness of production equipment.

It measures how closely a machine or production line operates to its full potential, primarily by considering equipment availability and performance, as well as the quality of the products it makes.

Proactively managing OEE helps your machines reach their full potential, reducing the costs associated with downtime and production defects.

Although OEE is the best-known metric, two other calculation modes or indicators are also available: TRE and TRS.

OEE includes unplanned downtime to provide a realistic view of utilization. TRE assesses economic efficiency in terms of costs, while TRS measures the overall effectiveness of equipment in production.

WHY CHOOSE JRT?

Our role and expertise as a systems integrator allow us to access all your data, wherever it resides.

We go well beyond software development. We offer complete automation solutions to optimize your processes and support your business as it grows and evolves.

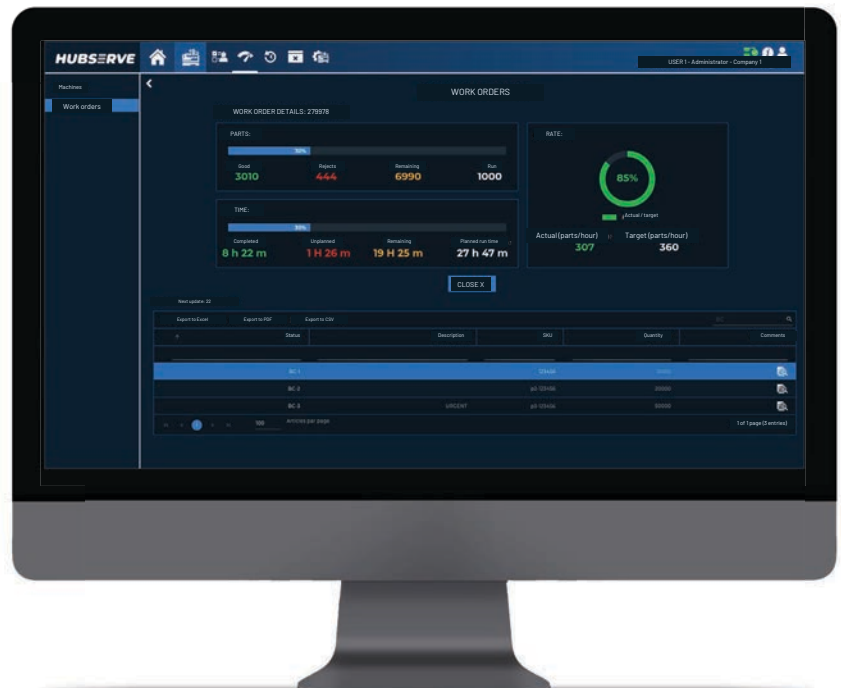
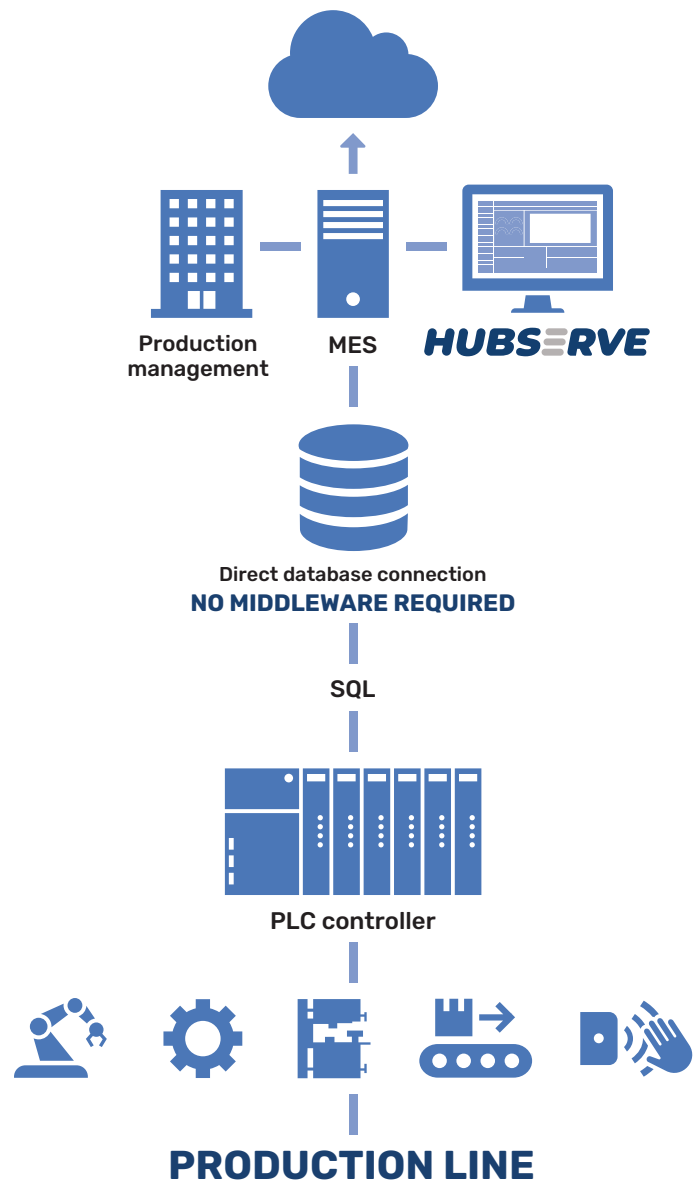
HUBSERVE FEATURES

- Connect to your production equipment through communication protocols or inputs/outputs (I/O)
- API integration to transfer data from your ERP
- Virtually unlimited data storage
- Customized, interactive diagrams
- Complete event history, with a replay feature to revisit past events
- Easy, intuitive user account management with multiple levels of access control



HUBSERVE CAPABILITIES

- Overall Equipment Effectiveness (OEE) analysis
- Selectable OEE, TRS or TRE calculation modes
- Performance indicators
- Real-time tracking of work orders and order progress
- Real-time visualization of data and machine status
- Customizable downtime and reject reasons
- Statistical reports covering all data
- Alarm management with an escalation call system for maintenance personnel
- Remote status monitoring and control
- Service call feature

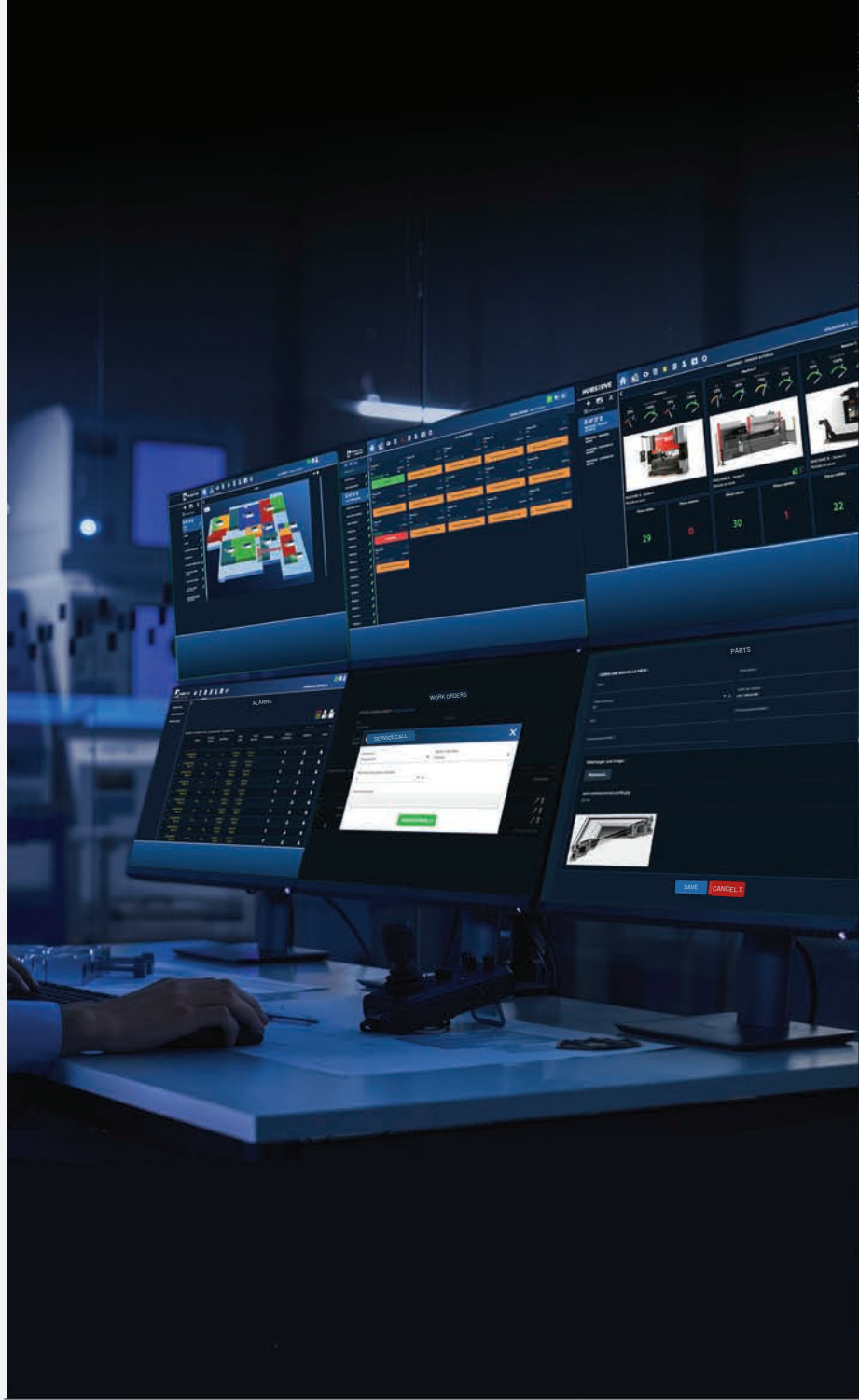


GET MORE FROM YOUR OEE SOFTWARE

Choosing Hubserve automatically gives you access to the Multiplisof suite, our manufacturing remote management software.

The software monitors and controls your industrial processes, with features including:

- **Data acquisition:** Collect real-time data from a range of sensors and devices.
- **Remote management:** Fully web-based software for monitoring and controlling processes at any time.
- **Alarms:** An escalation call system enables immediate action in response to failures, alerts or support requests.
- **Reports and statistics:** Generate standard and customized reports on statistics and event histories.
- **Preventive maintenance:** A maintenance module to prevent failures and optimize operations.



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