

EQUIPMENT MAINTENANCE

Equipment Maintenance Management ERP Software

Special attention to asset management
Maintenance control tool for infrastructure, equipment
or components



Definition of maintenance plan



Registration of preventive and corrective maintenance

Launch maintenance orders

Crosscheck maintenance order with production scheduling

Main features

Hierarchical structure of the asset portfolio
Equipment tree: prepare maintenance plans for sub-equipment, component or entire equipment



Preventive maintenance

- Proactively identify potential failures
- Evaluate the need for preventive action
- Definition of maintenance plans/inspections
- Plans can have a configurable periodicity
- Sending alerts to email

Corrective maintenance

Generate a request for corrective maintenance after an incident or non-conformity

Collect information regarding the occurrence

Keep information regarding the actions subsequent to an incident and non-conformity

Record the results of corrective action

Record incidences and interventions

Record incidences, breakdowns and maintenance requests

Permanently monitor maintenance

Measure material used during the intervention

Gather information through a tablet or barcode

Collection interface adapted to smartphones and tablets





Maintenance orders

Define information related with maintenance order:

Equipment data

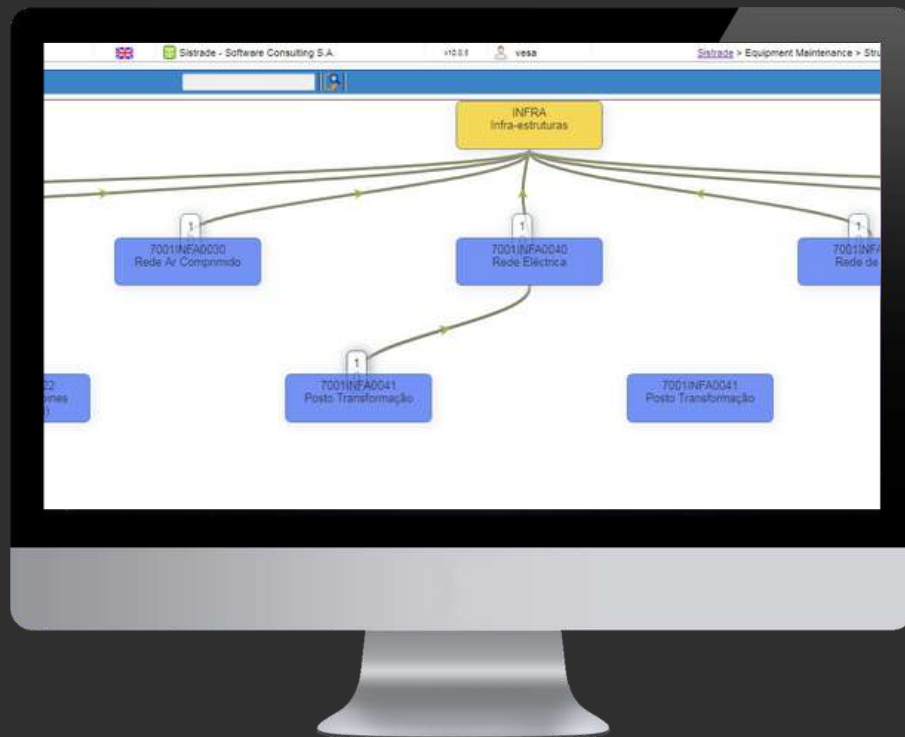
Material required for the intervention

Event description

Information about the maintenance

Employees involved

Stocks and Spares Management



Set a tree of components/parts
Manage inputs and outputs of spares
warehouse



Integration with scheduling

Facilitate the scheduling of all tasks involved in
maintenance using GANTT diagram



Analysis

- Duration and no. of interventions and their nature (preventive/corrective)
- Breakdown rate
- MTTR - Mean Time to Recovery
- MWT - Mean Waiting Time
- MTBF - Mean Time Between Failures
- History of interventions of an asset
- Daily indication and time of interventions by employee/asset and asset/employee
- Response time to intervention
- Maintenance forecasts, costs and registers



SmartStatistics

- Maintenance hours by machine
- Maintenance to machines
- Occurrences per section
- Real/predicted maintenance



A photograph of industrial machinery, likely a water treatment plant, featuring large blue pipes and several prominent yellow handwheels for valves. The scene is brightly lit, and the floor is highly reflective, mirroring the equipment above. The overall color palette is dominated by blue and yellow.

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