



Maintenance Management Module

The Maintenance Management module of the Operations Area of Softland ERP keeps record of the aspects related to equipment management: parts, modules, components and assemblies.

It allows sorting and grouping machinery or equipment parts according to the definition granted by the user. It handles maintenance work by means of orders and, in addition, it graphically displays the components and parts.

Features:

- Equipment management available for the productive process, including general identification characteristics, equipment type (depending on the system's pre-configured types), components (if applicable), maintenance data, associated cost centers, work orders, attributes and the possibility of associating external documents to each team.
- It offers the possibility of hierarchically displaying the component structure of teams consisting of several subunits.
- It allows the definition of specification measurements for each team with which key maintenance aspects are controlled when values or ranges of values are defined.
- Record and control of tools in use at the company, as well as a process to manage and control loans by means of an inventory (who has been given every tool and its cost, in case it is lost and the responsible employee must pay for it).
- It provides the possibility of establishing procedures, defined as a series of operations or activities, whether preventative or corrective, which can be applied to the maintenance of the company's computers.
- It allows scheduling of preventive maintenance of equipment through minimum and maximum ranges measurements.
- It provides the option of creating work requests that once approved generate work orders, and can be recorded and emailed to selected individuals.
- It allows the generation of work orders to track maintenance work, as well as to record details of the work or tasks performed.
- It records the consumption of materials used during maintenance, as well as the transactions loaded to the Inventory module. The process of consumption recording can be carried out by loading their own work orders or by loading a preformatted flat file.



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- It generates a work report detailing the tasks done by the company's employees.
- Posting maintenance costs by cost centers.
- Cost management in local and reporting currency.
- Maintenance costs management per order, employees, positions, items, parts and equipment.
- The query option allows the user to verify maintenance work planning and its historical.
- It shows a series of predefined reports to control the company's equipment maintenance from several perspectives, for example:
 - a) Work order reports, such as work and its details, inventory movements, equipment and procedures.
 - b) Maintenance report: per team and its costs, preventive, per cost centers and failure types.
- Softland ERP interface through the Microsoft Project® program gives the user the ability to see activities dates for outstanding work orders in a graphical way. It provides four applications:
 - a) Work orders distribution
 - b) Work planning
 - c) Maintenance per team
 - d) Weekly schedule
- It allows making the specification of the name associated with standard working hours, overtime and double overtime as well as its conversion. This is used to record the hours on the work reports on work orders.
- It supports the use of serial numbers in the material consumption processes that use this feature.
- The system allows sequential documents management, and even lets you specify a sequence of documents (as defined in the Inventory module) on the screen to generate materials consumption.
- Integration with the company's accounting in regards to the generation of accounting events for consumption, labor and indirect costs.