SisTrade®

Sistrade Software

Equipment Maintenance

Get to know SISTRADE

SISTRADE – Software Consulting, S.A. is an information systems company with know-how in software development and consulting services for different areas, including industrial companies. SISTRADE main goal is to offer the market the best information systems tools, in order to help its customers to improve their performance in all the critical business processes.

Sistrade software is a configurable solution and the modules can be adapted to specific needs of each company, avoiding the implementation of a package which is too generic and will not be used at 100% of its capacity.

We focus all our activity on quality and improvement, cultivating research and innovation in every action and we are committed to the best information security practices. Our Management System demonstrates our involvement and commitment, in addition to being certified by the normative references NP EN ISO 9001:2015, NP4457:2007 and ISO 27001.

Thousands of Users	+ 15 Languages	Industry 5.0	Paperless
Total Integration	Process Automation	Complete Traceability	Continuous Improvement
Productivity Improvement	Cost Reduction	Waste Reduction	

MAINTENANCE MANAGEMENT

- Equipment Tree
- Subcontracting Management
- Preventive and Corrective Maintenance
- Maintenance Orders
- Incident Log
- Intervention Log

RESOURCE MANAGEMENT & PLANNING

- Efficient Team Management
- Integration with Planning
- Stock and Spare Parts Management
- Skills Management

DASHBOARDS

- Maintenance Hours
- Equipment Identification
- Incidents
- Actual/Planned Maintenance
- Maintenance Cost
- Technical Dashboard
- Equipment Register
- List of Requirements
- Breakdown Reports

Sistrade Software - Equipment Maintenance

Effective asset management is essential for organizations, as significant investments in resources mean that equipment downtime can lead to substantial financial losses.
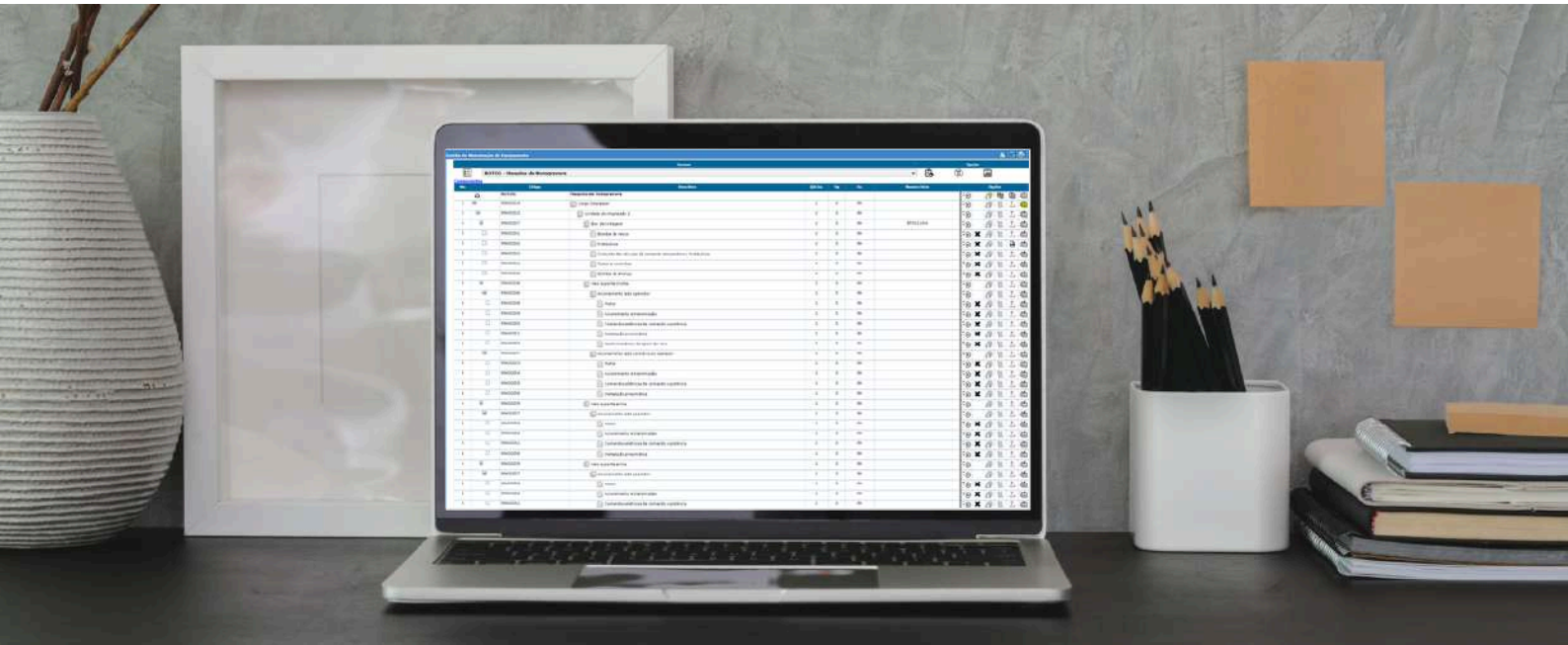
Sistrade's Equipment Maintenance Management software provides a comprehensive solution for maintenance control—covering infrastructure, equipment, and components. It supports the entire process, from defining maintenance plans and recording preventive and corrective actions to issuing maintenance orders.

Main Features

- Bill of Components/Equipment tree
- Preventive and corrective Maintenance
- Incidents and breakdowns Registration
- Automatic request Maintenances
- Integration with Scheduling
- Subcontracting
- Traceability of action times
- Traceability of consumables
- Maintenance analysis
- Possibility of multiple alerts
- (e.g. alerts for response times)
- Competences Management

Equipment Tree

Inherent to the increasing complexity of productive equipment, it is more and more crucial that maintenance becomes almost surgical, thus increasing the effectiveness of human resources associated to maintenance. With this module it is possible to move from maintenance planning as a block, to a number of selected components, according to the needs of each of these "sub-equipments" or components.

In response to this requirement, SISTRADE developed its software based on an equipment tree/bill of components, where the user can easily access the whole structure of each resource and can elaborate maintenance plans, directed to each component or to the equipment in its entirety.

The integration of the Stocks and Purchasing, Planning and Quality Control modules allows the management of the company's assets on a single

Subcontracting

The outsourcing of an activity can present an impact on the management of the company's assets, so the company must assess the risks associated with the outsourcing of activities. To meet this need, the Sistrade software allows the control of subcontracted processes and activities.
When defining the intervention request, the supplier that will perform the tasks involved is indicated, allowing the organization to control the subcontracted maintenance.
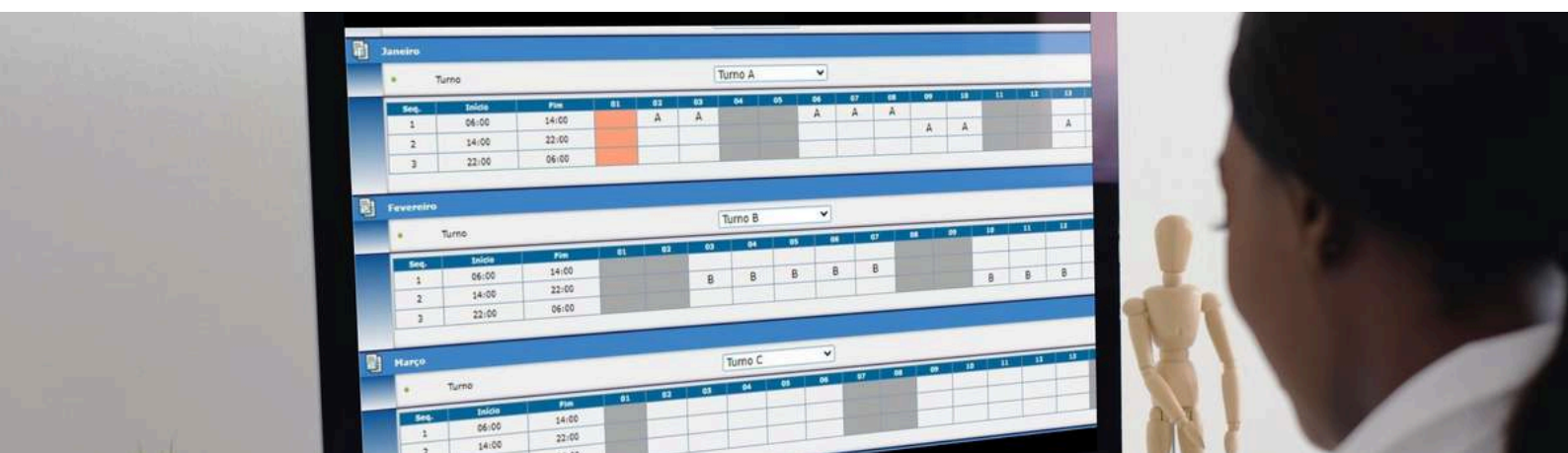
Sistrade Software - Equipment Maintenance

Preventive Maintenance

The organization should establish processes and actions to prevent possible malfunctions and decrease failures in the performance of its assets, allowing the assessment of the need for preventive action.

In this sense, the Sistrade software allows maintenance and inspection plans to be defined, with configurable intervals (by periods, kilometres covered, number of hours of use, among others) and may have associated alerts that are sent, for example, to an e-mail address:

- Predicted times and components for the maintenance of an equipment
- Group Maintenance
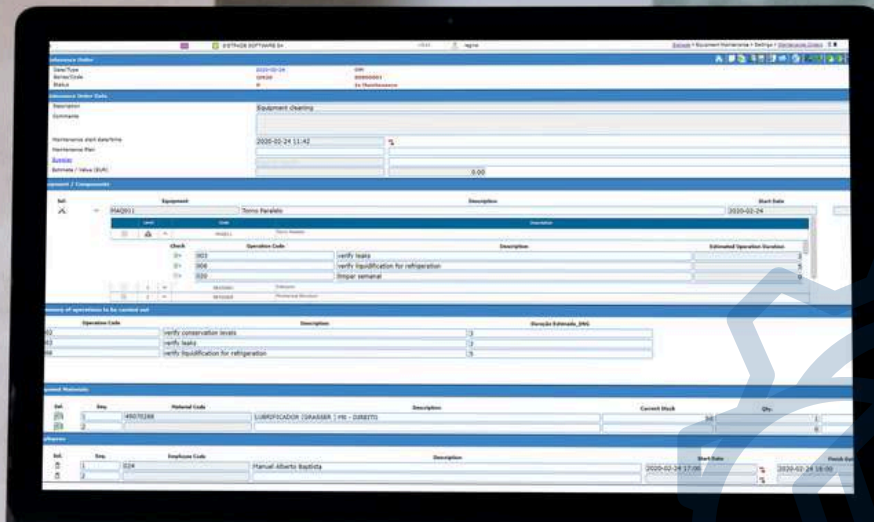- Types of associated operations

Corrective Maintenance

In the event of a nonconformity or incident in the asset portfolio, these must be entered into the software, generating a corrective maintenance request. All the information gathered about the occurrence is attached to each intervention request, thus facilitating the resolution of the problem.

The organization shall retain documented information as evidence of:

- Nature of the nonconformities or incident and any subsequent actions taken
- Results of any corrective action
- Periods of associated actions: request response time, analysis time, intervention time and validation time
- Components of stock used
- Equipment Maintenance Historic

The Sistrade software allows incidents, breakdowns and maintenance requests to be recorded in a simple way, through interfaces adapted to any device, such as Smartphones and Tablets

Maintenance Orders

Preventive maintenance plans and corrective maintenance requests, after being processed and validated by a user, generate a maintenance order.

When preparing a maintenance order, the Sistrade software allows all the information associated with its execution to be defined. This information includes data regarding the equipment, material needed for the intervention, description of the occurrence, documentation about the maintenance to be carried out, employees involved, among others.

Integration with the Scheduling functionality automatically gives a time slot for maintenance orders to be executed
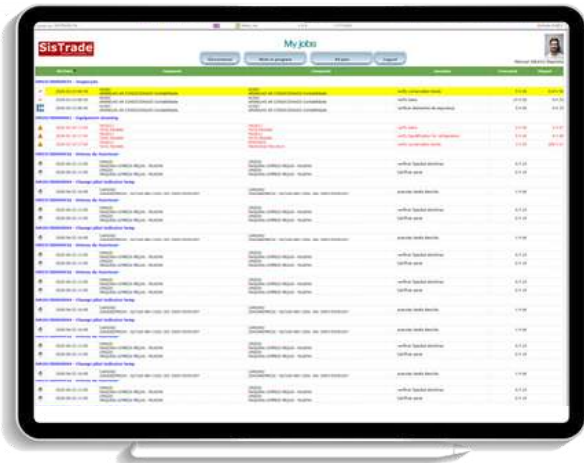

Register of Occurrences

Through the Shop Floor Control, the system allows the creation of breakdowns and incidents in a pre-parameterised and simple way, where the employee will leave the relevant information for the maintenance team to act on.

This occurrence generation screen is available to the employees assigned to the equipment, or to the maintenance team if it needs to generate a new one.

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Register of Interventions

Through the Shop Floor Control, the system permanently monitors maintenance.

To do so, when the employee starts on a maintenance order, aggregating the information using, for example, a tablet or a barcode reader. In the same way, all the materials spent on the intervention can also be accounted for.

The system allows cross-sectional information to be obtained on the status of ongoing maintenance

Efficient Team Management

Equipment Maintenance by Sistrade software allows the allocation of human resources to tasks. This way the system gives the possibility of distributing the team according to the maintenance defined for that period.

However, elements of the team assigned to corrective maintenance, which in case of there isn't any, it may be associated with workshop maintenance orders, such as, for example, reconditioning of equipment and its components.
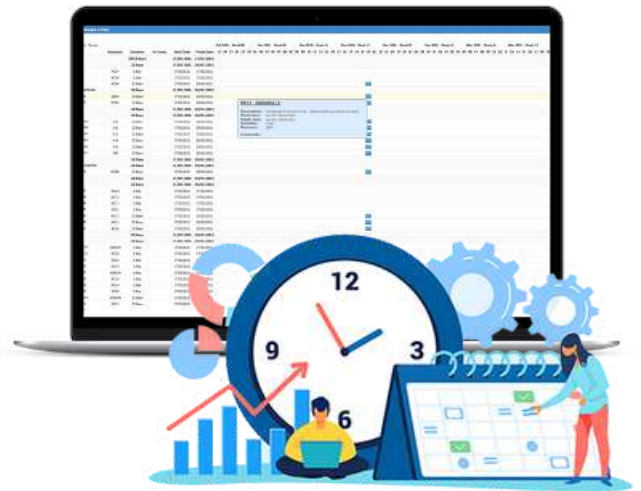
This management allows a better identification and filling of technical gaps in the teams, thus guaranteeing that the work is carried out with the greatest competence, besides invalidating dead periods by taking more from the resources and their skills.

Integration with Scheduling

For industrial organizations, where Industrial Maintenance is a critical process, the Sistrade software includes a Gantt diagram to facilitate the planning of all tasks involved in maintenance.

The user can also cross-reference this diagram with the production planning diagram to analyse the data between production and maintenance. In this way, the managers involved will have up-to-date information on all the operations to be carried out on each piece of equipment.

Stock and Spare Parts Management

Using the Stock and Spare Parts Management module, the user can manage the inputs and outputs of the spare parts warehouse, as well as define the components/parts tree for each of the resources and carry out the incorporation of materials in a specific maintenance.
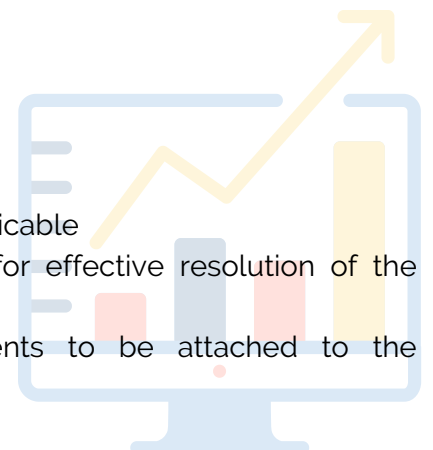
Integration with various features of the Sistrade software enables the collection of data from equipment, operations planning and process quality control, resulting in an increase in the company's efficiency and productivity

Documentary Information

The asset management system should include:
- Documented information required by Standards
- Documented information for legal and regulatory requirements if applicable
- Information documented by the organization as being necessary for effective resolution of the problem

In this sense, the Sistrade software allows all types of documents to be attached to the asset/equipment file, the plan and the maintenance order.

ANALYSIS DASHBOARDS:

- Maintenance hours per machine
- Maintenance hours
- Identification of problematic equipment
- Occurrences by section
- Maintenance actual/proposed
- Cost of maintenance per machine

- Weekly maintenance summary
- Technical dashboard
- Equipment register
- List of needs
- Maintenance costs
- Maintenance historic
- Breakdown Reports

Sistrade Software - Equipment Maintenance

Business Intelligence

The Sistrade Business Intelligence (BI) module is designed to support managers and analysis teams, offering a clear, real-time view of all company processes, from production to financial management, facilitating quicker and more effective strategic decision-making.

- **Make informed and rapid decisions** with access to real-time data, obtaining a clear and accurate view of your company
- **Customize the visualization** of the most important information through dynamic dashboards tailored to your needs
- **Quickly identify inefficiencies** and increase productivity by optimizing processes and reducing costs
- **Personalize the most relevant KPIs** for your role, ensuring you always have the correct metrics at your disposal
- **Obtain a comprehensive view** of your company's performance, with in-depth and strategic analysis across various dimensions
- **Focus on continuous improvement** by measuring KPIs in real-time and adjusting strategies swiftly

Business Analysis

- Administrative & Financial Area
- Accounting & Treasury
- Fixed Assets
- Human Resources
- Estimating & Commercial Management
- Procurement & Warehouse
- Sales & Expedition
- Production Management
- Quality Control
- Equipment Maintenance

Solutions

SisTrade®

Procurement, Warehouse & Expedition

Supplier Management
MRP
Purchasing
Stock Management
WMS

Estimating & Sales

Estimating
Orders
Expedition
Invoicing
CRM

Production

Job Orders
Data Collection
Industrial Costing
Scheduling
MES
SCADA

Administrative & Financial

Accounting
Treasury
Fixed Assets
Human Resources
Employee Portal

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Other Solutions

Equipment Maintenance
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Project Management
Business Intelligence
Energy Management
E-Business

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