SisTrade®
Software Consulting, S.A.

Sistrade® Equipment Maintenance
Integrated with MIS | ERP

FUNCIONALIDADES

- Asset Hierarchy
- Equipment Tree
- Preventive maintenance
- Corrective maintenance
- Record of Incidence
- Maintenance Orders
- Record of interventions
- Stocks and Spares Management
- Integration with Scheduling
- Subcontracting
- Documentary information

**ERP | MIS
100% WEB
SQL Server**

Nowadays, in organizations it is essential to pay a special attention to the management of assets, since the investments in resources are very significant and their ineffectiveness results in financial losses that may be critical.

With the use of Sistrade® system, the organization has a maintenance control tool, whether for infrastructure, equipment or components, which allows the definition of a maintenance plan, registration of preventive and corrective maintenance, and launching maintenance orders. All this information of maintenance orders can be crosschecked with the production scheduling system (in organizations where this applies), where in the production plan the system reserves time to carry out these orders.

ADVANTAGES

Sistrade® system allows the asset management in a single platform, 100% Web and integrated with complementary modules, Stocks and Purchasing, Scheduling, Quality Control. It is a multi-company, multi-location, multi-language, multi-currency system. It enables configuration of Access Profile, Worflow of Approvals, Notifications Configuration, Options Search and "Full Text" Search.
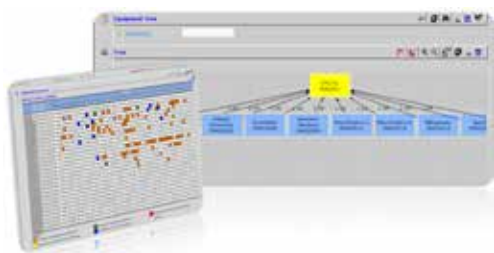
Asset Hierarchy

Hierarchical structure of the asset portfolio: Building\Section\Asset Type\Asset

Equipment Tree

With the increasing complexity of equipment, the maintenance is no longer scheduled for all its constituent parts, but according to the needs of each "sub-equipment" or component. Responding to this requirement, SISTRADE developed its system supported on Equipment Tree. With this equipment tree, it is easy to obtain the structure of each resource and to prepare maintenance plans that can be sent to each "sub-equipment"/component or, to the equipment itself in its entirety.

Preventive maintenance

Any organization shall establish processes to proactively identify potential failures in the performance of its assets and evaluate the need for preventive action.

In this regard, Sistrade® system, allows the definition of maintenance plans/inspections. These plans can have a configurable periodicity (time period, km reached, hours of use, etc.) and related alerts that are sent to an e-mail address/box.

Corrective maintenance

When a non-conformity or an incident occurs in the asset system, they must be entered into Sistrade® system generating a request for corrective maintenance. Attached to such occurrences/intervention requests is all the collected information regarding the occurrence, which facilitates the resolution of the problem.

The organization shall retain documented information as evidence of:
⇒ The nature of non-conformity or incident and any subsequent actions taken;
⇒ The results of any corrective action.

Record of Incidence

The system allows recording incidences, breakdowns and maintenance requests, through interfaces adaptable to any device (e.g. Smart Phones and Tablets).

Maintenance Orders

Both, Preventive Maintenance plans as well as Corrective Maintenance requests, when they are being processed and validated by the user, they create a Maintenance Order.

Using Sistrade® system, when preparing a maintenance order, all the information related with its implementation can be set. This information contains equipment data, material required for the intervention, description of the event, information about the maintenance to be carried out, employees involved, etc.
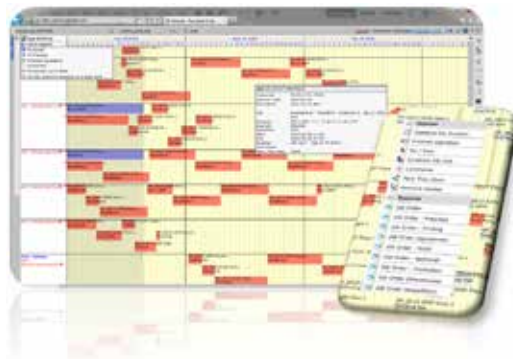
Record of interventions

Through the collection interface, the system performs permanent monitoring of maintenance. To do so, the employee, when starting the resolution of a maintenance order, gathers the information through, for example, a tablet or a barcode reader. Similarly, the material used during the intervention can be counted.

Sistrade® system includes simple collection interfaces adapted to Smart Phones and Tablets.

Stocks and Spares Management

The module of stocks and spares management allows setting the tree of components/parts for each of the resources, incorporating materials at a particular maintenance and as the main feature, managing inputs and outputs of spares warehouse.

Integration with Scheduling

For the industry companies, where the Industrial Maintenance is a critically important process, Sistrade® system includes GANTT diagram to facilitate the scheduling of all tasks involved in maintenance. This diagram's information can be crossed with the production scheduling, and this way, allow data analysis between production and maintenance. In this manner, the leaders involved, will have updated information of all operations carried out in each equipment.

Subcontracting

When the organization outsources any activities that may have an impact on the fulfilment of its objectives of asset management, the related risks should be evaluated. For this, Sistrade® allows controlling subcontracted processes and activities.

In the settings of intervention request, there should be indicated the supplier to carry out the tasks involved, allowing the organization to control the outsourced maintenance.

Documentary information

The asset management system should include:
⇒ Documented information required by standards;
⇒ Documented information for the legal and regulatory requirements;
⇒ Documented information determined by the organization as necessary for effective asset management system

As a result, Sistrade® system allows attaching all the document types to the asset/equipment data sheets, maintenance plan, maintenance order.

Commercial Management & Estimating
Estimating
Customer Order
Shipment
Invoicing
CRM

Production Management
MES & SCADA
Scheduling
Data Collection and Costing
Job Order Management

Stocks & Purchases Management
MRP
Purchases
Stocks Management
Suppliers Management

Sistrade®
MIS | ERP 100% WEB BASED

Administrative & Financial Area
General Ledger
Treasury
Fixed Assets
Human Resources

Other Features
Equipment Maintenance
RDI Management
Quality Control
Mobile Picking
Mobile Business
Business Intelligence

Web2Print
E-Business / WebPortal
JDF / CIP4
Eco-efficiency
Balanced Scorecard
Energy Management
Project Management

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