Sistrade Software

Quality Control

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

NONCONFORMITY MANAGEMENT

- Register of Occurrences
- Treatment of Nonconformities
- Corrective Actions
- Inspection and Testing
- Cost Control
- Quality Certificates

QUALITY IMPROVEMENT

- Supplier Evaluation
- Audit Management
- Management of Improvement Opportunities
- Equipment Calibration
- Product Control

DASHBOARDS

- Green Point
- Job Order Tracking
- Annual Nonconformity
- Supplier Evaluation
- Quality & Tests Results
- Auto Monitoring
- Production Quality
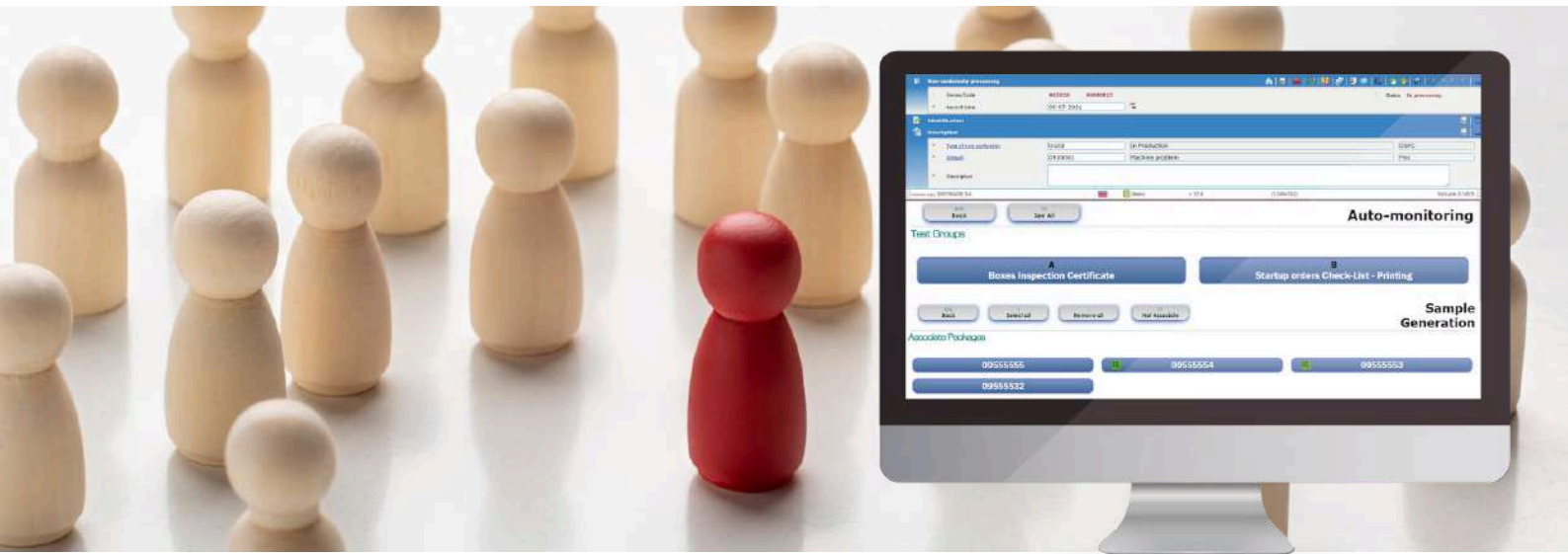
Sistrade Software - Quality Control

Quality Control management allows an organisation's products/services to agree with the specifications drawn up before their production. The implementation of a correct quality policy and process control leads to a decrease in total production costs.

The Sistrade Software offers a range of solutions to improve the quality of the process, product or service, focusing on detecting nonconformities, controlling the actions and measures to be adopted, enabling the traceability of measurements by registering calibrations or verifications and managing all associated costs. The software is prepared to respond in real time to all challenges, giving users the possibility of recording all information for future historical analysis.

Main Features

- Quality control history
- Statistics of product reclassification
- Quality certificates
- Real time tests and group tests
- Calibrations
- Real time reactive actions
- Configuration of quality parameters according to the type of process
- Definition of tolerance ranges in absolute value or percentage
- Optimised interface for touch screen and portable data terminals
- Possibility of connection to analysis equipment
- Analysis of waste per shift and manufacturing order
- Nonconformity by shifts, machine and manufacturing order

NonConformity Management

The Sistrade Quality Control software aims at manage and control nonconformities of products, machines or procedures, from their registration and planning the actions that must be taken, to the conclusion of the nonconformity.

Register of Occurrences

Before recording a nonconformity, it is possible to create an occurrence, which will be analyzed by the quality department in order to distinguish what must be corrected as a nonconformity. However, this step is optional, so the nonconformity management process can be started directly with the registration of the nonconformity.

Treatment of Nonconformities

With this module, the manager can record the immediate actions to correct and control the nonconformity (e.g. reinspect, send to scrap), analyze and identify the causes of the nonconformity (e.g. tool wear, operator not trained) and determine corrective actions (e.g. test the material, action to be taken in a month's time) for each nonconformity. It is also possible to manage the costs of inspections and nonconformities, dividing them by cost centers and automatically integrating them into the company's accounts.
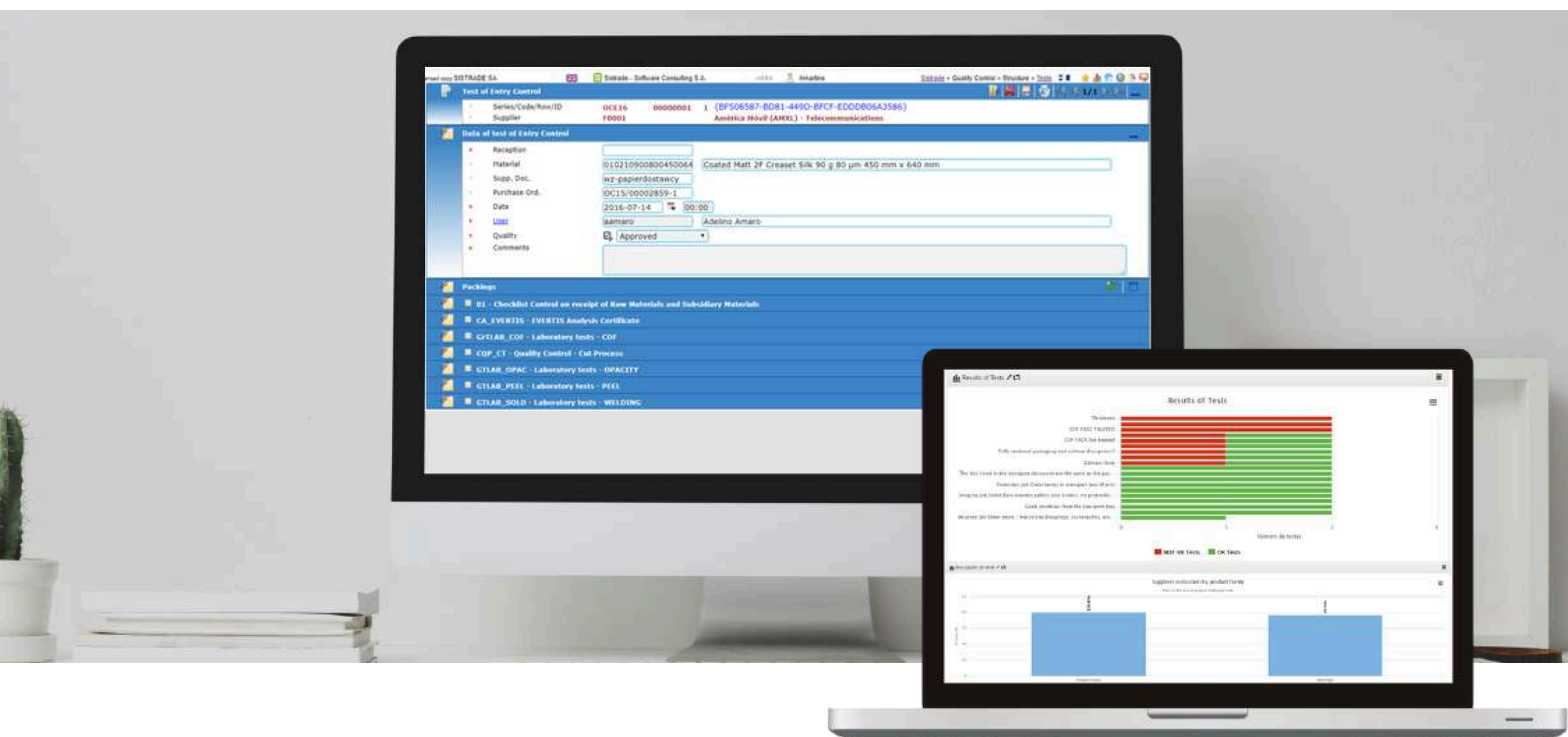
Corrective Actions

Corrective actions can be planned with the definition of the action to be implemented, the deadline and the person responsible. Corrective actions have their own workflow, not depending on the workflow of the nonconformity.

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Inspection and Testing

Whenever there is a suspicion of a nonconformity or an actual nonconformity, the manager can carry out tests on a given material with a given equipment. In each test it is possible to define the reference values, the minimum and the maximum values, so that the product is approved for quality.

The inspections carried out by those responsible for a given product are recorded in the application with all the necessary information for the user. Using the traceability option, the quality manager can find out what has been inspected and tested up to that point.
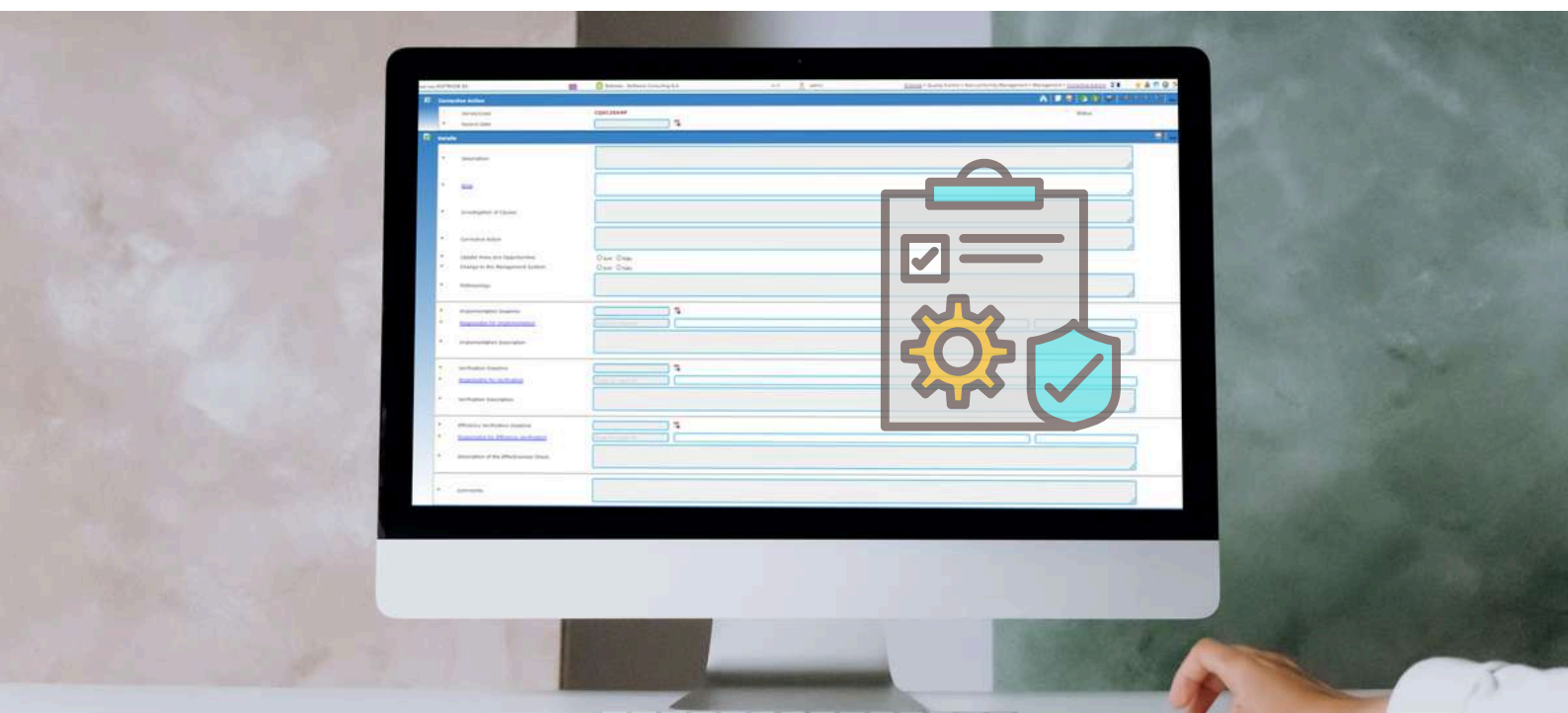
Cost Control

The Sistrade Quality Control software allows you to register all costs related to nonconformities, immediate actions and corrective actions. Through the option of calculating the cost of a nonconformity it is possible to know its total cost, accounting for all aspects from the detection of the problem until its resolution.

Integration with the Treasury module allows all costs associated with quality control to be automatically integrated into the company's accounts

Issuing of Quality Certificates

With the Sistrade software, the user can issue internal certificates of conformity tests to their finished articles and send the result to the client together with the delivery note/invoice.

The Quality Management module allows the definition and application of numerous types of nonconformities, causes, tests, rules, costs, among others

Material Data Sheet

In Sistrade software it is possible to define a quality control data sheet for the finished product with one or more quality rules (previously defined) where the values of the tests performed will be registered.
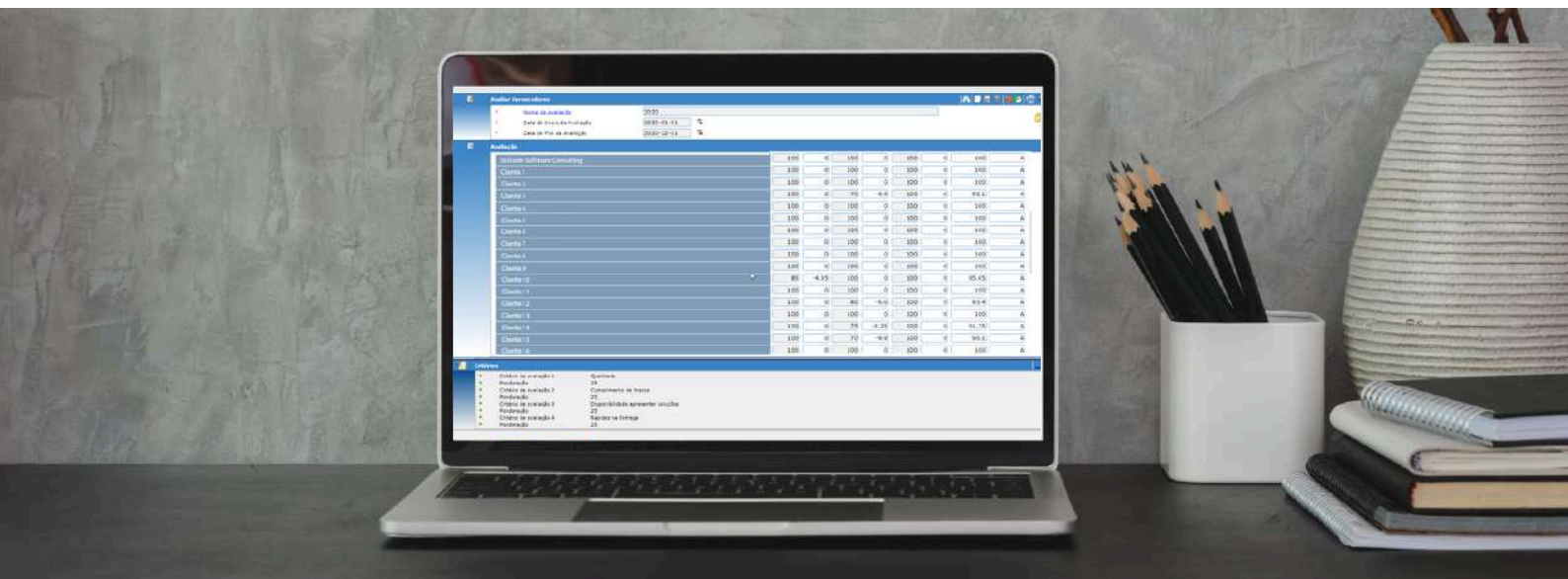The user can also provide permission to control on the product's technical sheet so that users may or may not access parts of it (header, etc.).

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Supplier Evaluation

After interaction, the Sistrade software allows suppliers to be evaluated, selected and monitored according to certain configurable parameters, such as quality, compliance with deadlines, speed of delivery, among others. The user has the possibility of accessing an informative dashboard taking into account the assessments made up to the desired date.

Audit Management

Auditing management starts in the audit program, where the user defines one or several plans, where his audits will be generated. When the program is in the "approved" state, no more audits can be generated.

The system allows the definition of the expected date, frequency, type of audit and entity for each audit. Therefore, when the audit draws near, it is necessary to indicate the auditors, objectives, audit processes and requirements, among others. After the conclusion of each audit, it is possible to prepare a report with the audit findings and corresponding evidence and the conclusions of the audit. In this way nonconformities or opportunities for improvement can be recorded.

Management of Improvement Opportunities

The Quality Control module allows the management of improvement opportunities and the control of the respective process. What differentiates the management processes of improvement opportunities and nonconformities is the generation of actions, since, in the management of improvement opportunities process, it is only possible to generate improvement actions.
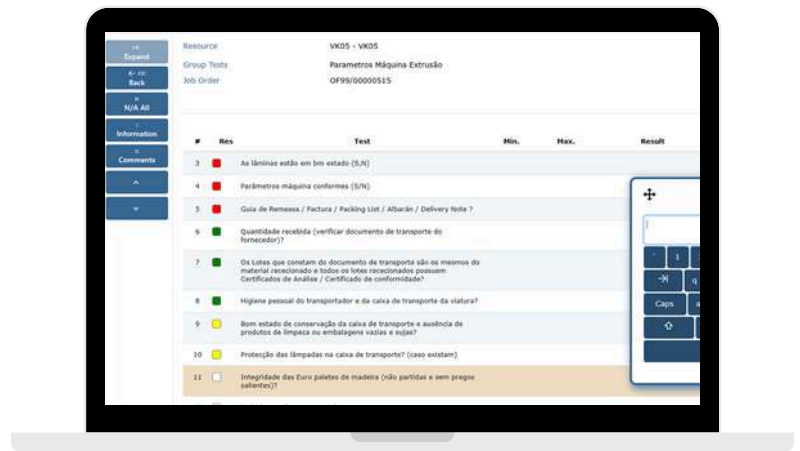
Equipment Calibration

All calibrations can be recorded and monitored in the system which allows the control of distinct information such as date, person responsible for calibration, devices used and records of analysis of the calibration and verification results.

Product Control

The Sistrade integrated Quality Control software allows the quality of all the processes and materials circulating in the company to be controlled, from the moment they enter the warehouse until they leave, managing the inspections and tests carried out during production and the respective quality certificates.

Quality Control for Industry 4.0

A company's reputation is dependent on the quality of its products and services, which require a high level of quality control to meet all your customers' requirements.

The Sistrade software is prepared to respond in real time to all challenges, giving users the possibility to record all information for future historical analysis. Additionally, the module has the capacity to track every piece of equipment and material available, in terms of nonconformities, tests and inspections.

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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

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