



Sistrade Software

**Quality Control**

MIS | ERP



# GET TO KNOW SISTRADE

SISTRADE -Software Consulting, S.A. is an international company specialized in software development and consulting services for different activity sectors, namely for industry and services. The main goal of SISTRADE is to supply the market with the best information systems tools to create value in the companies, improving and optimizing their performance in all their 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 and NP4457:2007.

## Technology

All Sistrade software solutions are supported by Microsoft's SQL Server database. This is a relational database that optimises IT environments, as it provides a more secure and reliable platform for analysis and data management. SQL Server delivers fundamental advances in information repository technology for collaborative users adding value to the organisations.

## Markets

- Printing & Packaging
- Industry Labels & Flexible Packaging
- Industry Security
- Printing Industry
- Metalworking Industry
- Plastic Extrusion Industry
- Publishing Industry
- Wire and Cable Industry
- Screen Printing & Textile
- Food Industry
- Service Sector
- Commercial Sector



## Key Points



**+ 5000 Users**



**+ 30 Countries**



**4 Continents**



**Industry 4.0**



**Detailed Reports**



**SQL Server**



**Cloud Based**



**Intuitive Interface**



**Multidevice**



**Flexible and adaptable**



**+ 15 Languages**



**Business Intelligence**

# 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

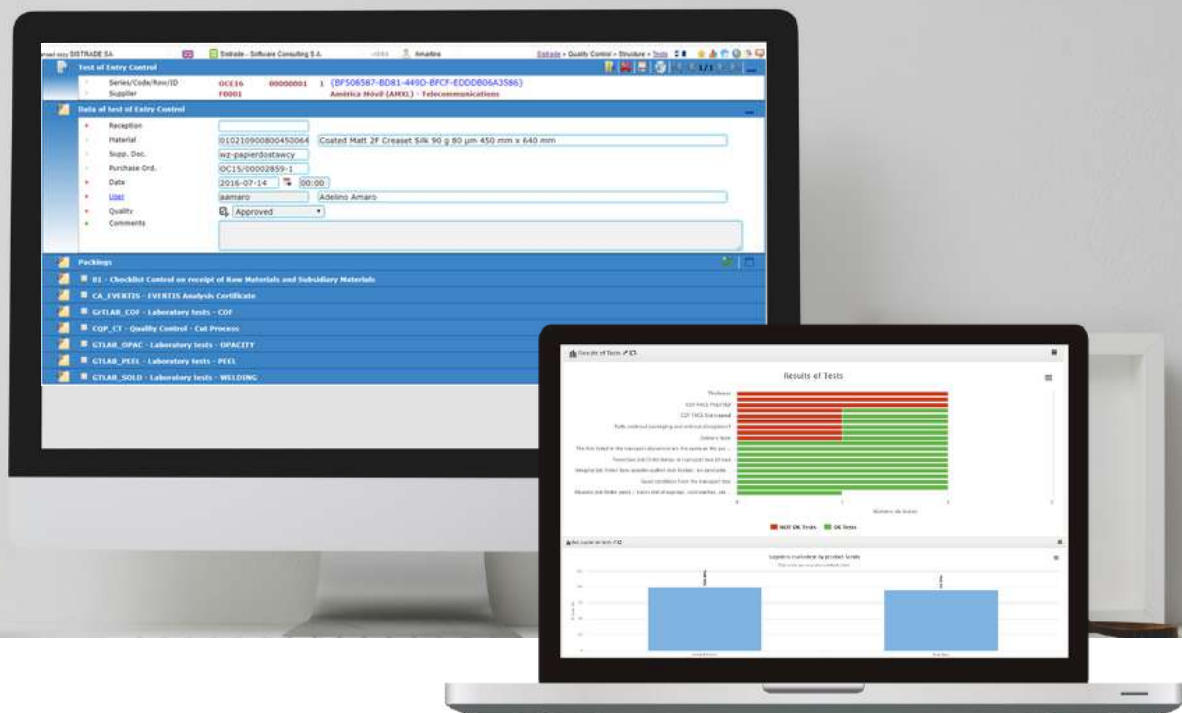
Corrective actions can be planned with the definition of the action to be implemented, the deadline and the person responsible. Corrective actions have their own workflow, not depending on the workflow of the nonconformity.

# Sistrade Software - Quality Control

## 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.



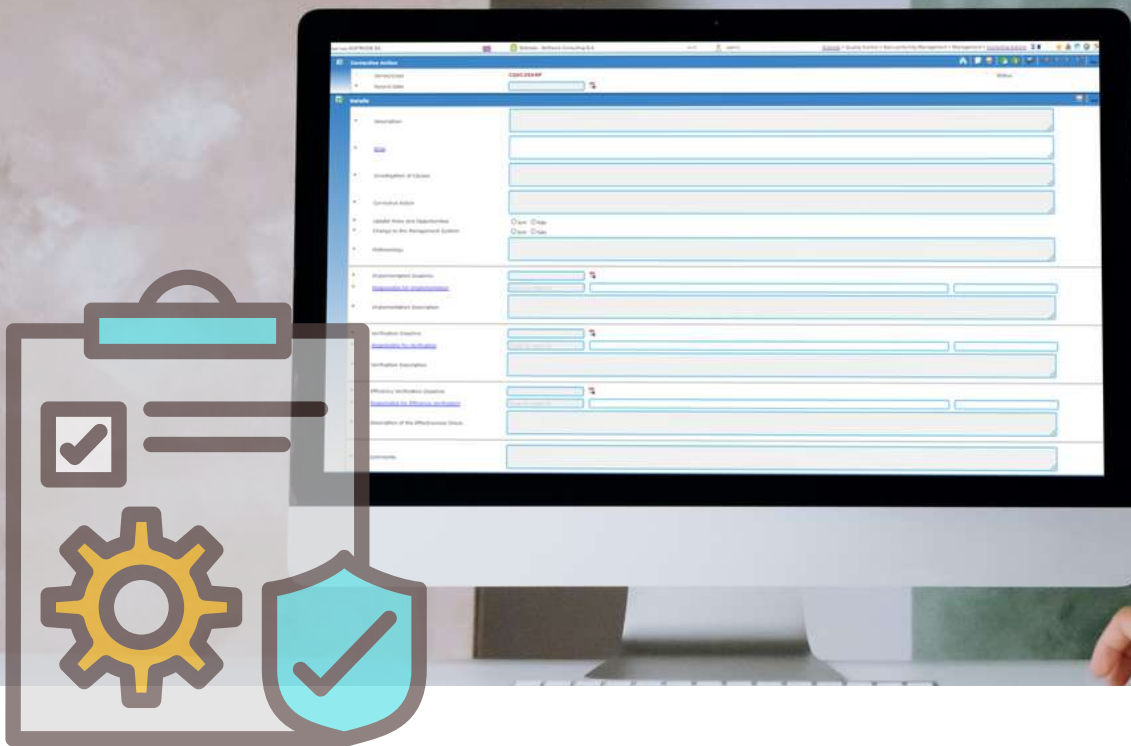
## Cost Control

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

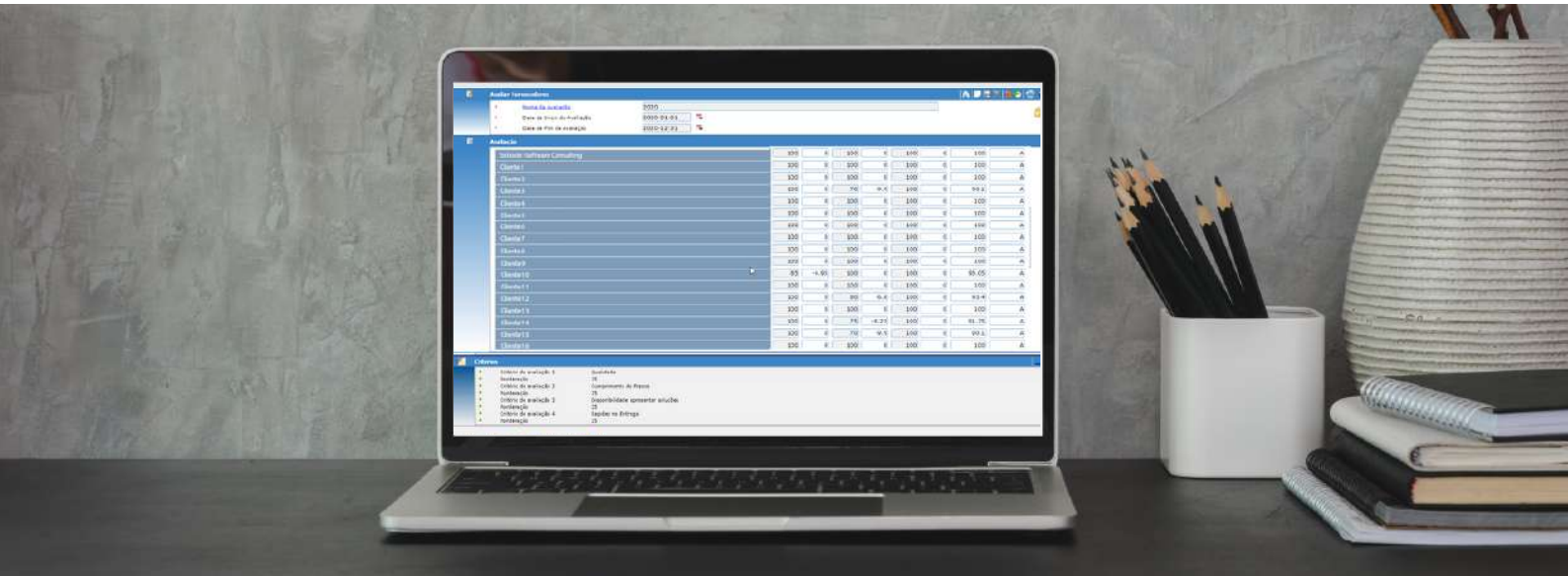
In Sistrade software it is possible to define a quality control data sheet for the finished product with one or more quality rules (previously defined) where the values of the tests performed will be registered.

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.).

# Sistrade Software - Quality Control

## 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.



# Sistrade Software

## Solutions

### Commercial Management & Estimating

Estimating  
Orders  
Expedition  
Invoicing  
CRM

### Stocks & Purchases Management

MRP  
Purchase  
Stock Management  
Supplier Management  
WMS

### Production Management

Scheduling  
Data Collection  
Industrial Cost  
Job order management

### Administrative & Financial

Accounting  
Treasury  
Fixed Assets  
Human Resources  
Employee Portal

### Other characteristics

Equipment Maintenance  
Quality Control  
Ecoefficiencies  
Energy Management  
RDI Management

Business Intelligence  
Dashboards  
Report Generator  
Web2Print  
Balanced Scorecard

## Sistrade Software Users

The Sistrade software is used by thousands of users, in more than 30 countries in 4 continents. Meet some of the SISTRADE clients that use the Quality Control Module.



### ONDAGRAFE

Portugal

Onda Grafe uses Sistrade software, which allows it to respond to the challenges of the company with very detailed management control in the various areas of the company.



### MIRANDA & IRMÃO - Industrias, LDA

Portugal

MIRANDA & IRMÃO, LDA is a company with more than 70 years of experience that mainly produces components and solutions for bicycles and motorbikes.



**Multisac**  
Portugal



Multisac is a dynamic and innovative company that operates in the area of flexible packaging. The company from Vouzela exports a large part of its production focused on the flexible packaging area for the food segment.

**VIZELPAS**

Portugal



Vizelpas is a producer of flexible films for the production of flexible packaging. The company was founded in 1996 and since then has grown into a competent company with know-how in the production process.



powered by **Sistrade**

## Porto - Sede

Travessa da Prelada, 511  
4250-380 Porto - Portugal  
inov@sistrade.com

## Madrid

Parque Empresarial La Moraleja  
Avenida de Europa, 19 3º A  
28108 Madrid - Spain  
madrid@sistrade.com

## Ljubljana

Rozna dolina, Cesta II/29  
1000 Ljubljana - Slovenia  
ljubljana@sistrade.com

## Paris

39 rue du Mûrier (BP 125)  
37540 Saint-Cyr-sur-Loire - France  
paris@sistrade.com

## Warsaw

Al. Niepodległości, 69 - 7º  
02-626 Warsaw - Poland  
warsaw@sistrade.com

## Istanbul

Dikilitaş Hakkı Yeten Cad. Sel. Plaza, 10/C  
Kat:6 Fulya 34349 Besiktas - Turkey  
istanbul@sistrade.com



[WWW.SISTRAD.COM](http://WWW.SISTRAD.COM)

© Copyright 2023 - SISTRADE-Software Consulting, SA. All rights reserved  
jan/23