



## *German multinational uses Statistical Process Control Module of edinn® M2*

Trelleborg is a German multinational with 24.000 employees and represented in 40 countries, and is the major manufacturer of silentblocks for automobile companies like Renault, Ford Motor Company and Volkswagen.

Trelleborg bought the edinn® M2 system in February 2006 for the continuous production improvement. After having used the system during 2 years every day, the company has expanded its edinn® M2 installation twice.

The company stresses the importance of the quality improvement module through the analysis of the statistical process control (SPC)

### *What is edinn® M2?*

edinn® M2 receives data from sensors that are installed at machines and (optionally) from operators. These data are processed in real time and are converted into actual, cumulative and evolution information of time usage of the machine and standard ratios. The information is shown by different colours in order to easily compare results with targets.



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## *Easy installation, configuration and maintenance*

Its main functions are:

- Diagnosis, control and improvement of productive processes (based on OEE).
- Statistical Process Control (SPC).
- Maintenance regulated by production (Autocontrol).
- Production regulated by procedures (Autocontrol).
- Monitoring of energy consumption in comparison with production.
- Automatic acquisition, through electronic monitoring, of the main production indicators (OEE, MTBF, etc.) and production reports.
- Control through cameras of production, signals or quality defects.
- Prediction and notification to the plant of the most probable failures to occur, by means of pattern analysis with neural networks.
- Control of the maximum times and autochanges of time usage and teams.
- Control of operators and resources (activity ratios)
- Contextual launching of documents or applications: zero papers.
- Allows tracking control of each piece and the parameters used to produce.
- Standardized and affordable price.
- Easy installation and configuration: no need of programming.

## *Autonomy*

From the beginning, Trelleborg has used its own technicians for the installation and maintenance of the system because the edinn® M2 system does not need any programming and its configuration is 100% visual. Therefore, it has counted and counts on the continuous support of edinn's technical team.

## *Benefits*

Trelleborg has not found any other system which is so easy to use, powerful and complete to improve its efficiency. Proofs of it are multiple expansions realized by its own technicians, always counting with the electronical components, licences and support of edinn.