

SUCCESS CASE METALDYNE



Metaldyne saves time and money

Metaldyne, a leading designer and producer of engine, driveline, and chassis products, delivering innovative technology to manufacturers of automobiles and Tier One suppliers around the world, acquired the edinn[®] M2 system in 2005 for its Almussafes plant (Valencia).

Metaldyne is using edinn[®] M2 to improve its production efficiency through automatic identification of losses, to control its statistical process (SPC), to carry out maintenance regulated by production (Autocontrol) and to eliminate documents at the plant.

"Thanks to edinn[®] M2 we save time and money on production management and improvement", according to Metaldyne's management team.

The system operates 100% automatically and monitors machinery and manual processes. All reports and ratios are obtained in real time.

If it is not possible to obtain information through electrical signals and operator justification is needed, the operator should never dedicate more time introducing data into the system, than if he had to write it down or tell it to a supervisor. *"Total time dedicated by our personnel is significantly reduced because tasks are automated by the system."*, says Manolo Montes.

This is one of the reasons why, in august 2007, Metaldyne has expanded the system to all lines that were not yet monitored by the system.



Visual, simple and easy to use

Internally, edinn[®] M2 is a very complex system, but for the user it is extremely easy to browse, it is simple because its buttons and texts are of a big size. It is resized to a complete screen related to the terminal used at that moment. It forces to "think" as little as possible, so the operators can focus on the production process. *"edinn[®] M2 is really intuitive and easy to use. Some of our operators had little experience with computers and are easily using the tactile screens, even when they are wearing gloves"* says Manolo Montes.

Standard production indicators

Metaldyne uses international standard production indicators, like OEE, SPC, CPK, OPC, MTBF and MTTR. edinn[®] M2 calculates these ratios precisely and in real time and shows them efficiently in the plant terminals.

Low costs and quick installation

Contrary to other systems, edinn[®] M2 is normally installed in one week by one person. It is not necessary to buy additional software licenses. This implies low installation and maintenance costs. The entire installation was realized by highly qualified personnel who handled everything: installation, configuration, training, start-up support and an efficient support service that helps resolving doubts.

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