

@UDROS at MSA GALLET

Company



With the wealth of a century's experience in the field of occupational safety, the MSA group has become a specialist in hightech safety solutions. MSA offers a comprehensive variety of safety equipment in several fields: personal protection, respiratory protection, head, body, face, eye and ear protection, gas detection, fire fighting, measuring instruments.

The French subsidiary MSA-GALLET is the pole of excellence in the field of head protection thanks to its know-how and manufacturing skills.

More information:

- MSA GALLET Sales for 2005: 26 M€
- 230 collaborators
- 20 production units worldwide
- 7500 M² on the Châtillon s/Chalaronne site

Need

In 1998, the MSA-GALLET Design Department Manager looked for a technical data management solution in order to replace a documentation database developed on MS Access™. It was also important to facilitate the development of new products by automating BOM input into the ERP. This task occupied a full time resource at the Design Department and was time-consuming because it required re-entering the entire BOM for each variant or modification of a product.

At the end of 1998, MSA-GALLET chose the @UDROS solution because of its communication capabilities with the ERP.

@UDROS solution

More than 35 people use @UDROS in the Design, Production, Quality and Marketing Departments. The installed modules are:

- @UDROS applet for data and document management
- DocStar for the creation of Word™ forms
- ERP interface for communication with SAP®
- @WS intranet for consultation



@UDROS

- ✓ DocStar
- ✓ ERP
- ✓ @WS

Advantages

With the @UDROS base, MSA-GALLET has now a unique data source for the management of its technical know-how. Thanks to the copy of the structure, @UDROS allows us to start a project from nothing by capitalizing on existing product developments.

Finally, the implementation of the ERP interface has enabled us to considerably reduce the design lead times and to free a full time resource by automating BOM inputs.

USER TESTIMONIAL

MSA-GALLET manages a large number of references which are often variants of a same product. @UDROS offers an important responsiveness as a simple object copy enables us to recover a BOM without restarting the entire work. In the end, this interface together with the ERP contributes to a significant reduction of design lead time ! »

Elisabeth CHANEL, MSA-GALLET PDM Manager

Approach

@UDROS deployment started at the end of 1998 and followed several important steps :

- Definition of the MSA-GALLET data model
- Administrator training provided by Assetium
- Recovery of existing data in the system
- Development of the ERP interface
- In-house user training



The solution was released in March 1999.

At the beginning of 2006, MSA-GALLET upgraded to « full Web » version 6 . In the same time, a new interface was developed with the ERP SAP, which is currently deployed across the whole MSA group.

Covered Features

Since its implementation in March 1999, the @UDROS solution manages:

- The creation of product BOMs for the ERP,
- Technical document management: drawings, position instructions, purchase specifications, tool sheets, etc...,
- The validation process for Quality and Instruction documents,
- The calculation of production costs during design,
- The management of standards (EN 443, STANAG 2920...) associated to Products.

In the long term, the set-up of @WS, an Intranet for consultation, and an interface with the CAD is envisaged.