

@UDROS success story

The company



USINES DESAUTEL is the facility unit producing extinguishers for the Desautel Group. From the conception of water tanks to the assembly of taps, the whole manufacturing process is aimed at flexibility and quality.

Founded in 1932, the Desautel Group has accompanied the development of its customers, providing fire protection for people and property. The Desautel Group aims to ensure that its equipment, systems and services offer the highest possible levels of performance and reliability.

Additional information :

@UDROS is used by the extinguisher production facility based in MEYZIEU (69). Around 420,000 to 450,000 extinguishers are produced each year in this unit.

The Desautel Group employed nearly 750 people in 2004. The company owns 26 offices in France, 3 manufacturing facilities and a strong representation abroad.

Customer's need

In 1999, USINES DESAUTEL decided to install the 3D CAD solution SolidWorks along with Smarteam™ to manage data (PDM). However, the complexity and the lack of flexibility of Smarteam™ limited the effective use of the solution. This led Desautel to search for another PDM solution.

In December 2003, the choice was rapidly made to proceed with the @UDROS suite, preferred for its communication capacity with SolidWorks™, as well as its ease of file and data recovery.

The @UDROS solution

More than 20 people are currently using @UDROS on a daily basis with the Design, Methods, and Quality Departments. The installed modules are :

- @UDROS applet for Data Management
- @WS (@UDROS Web Service) for Web consultation
- CAD interface with SolidWorks™
- DocPDF for automatic PDF conversion
- FlowNet for workflow automation



@UDROS

- ✓ @WS
- ✓ CAO
- ✓ DocPDF
- ✓ FlowNet

The benefits

@UDROS has dramatically streamlined access to Product Information in USINE DESAUTEL. The use of computers to store technical data and manage history and the traceability of modifications has increased productivity thanks to substantial time and personnel savings. As such, the creation of technical folders from existing models avoids the need to start a new project from the beginning. This way, Desautel can respond faster to any specific customer demand!

Finally, @UDROS's user-friendliness, together with the possibility it offers for consulting documents through the intranet, have contributed to all users quickly adopting the solution!

~ USER TESTIMONY ~

«The @UDROS software rapidly became the main system of technical information in our manufacturing facility producing extinguishers. The file conversion to PDF format allows us to visualize and easily distribute any documents. This installation also helped us to achieve an important stage for accessing information! »,

Brice Morales, PDM Project Manager.



The approach

In a few months, @UDROS was completely deployed and installed. The main stages of application integration were followed by an integrator certified by Assetium:

- Writing of the schedule of conditions with the aide of a consultant
- Training of 3 @UDROS administrators
- Training of users by the administrators
- Progressive validation of the data model

80% of the initial project, as defined in the schedule of conditions, has been operational since May 2004!



Business applications

Today, USINES DESAUTEL uses @UDROS to manage :

- The SolidWorks™ CAD files (automatic importation, dynamic title blocks, BOM recovery...)
- The product structure and all related documentation
- Technical and quality documents (technical datasheets, CQF standards...)
- The document lifecycle (status, version, history)
- The validation process of technical data (workflow)
- Intranet consultation and automatic conversion of documents into PDF format

A connexion between @UDROS and the ERP is under consideration to recover validated PDF files (Drawings, technical datasheets...), as well as Design BOM.