

@UDROS at RADIALL

Company



Founded in 1952 by Yvon and Lucien GATTAZ, RADIALL designs, develops and manufactures electronic components dedicated to wireless communication, automotive telematics as well as military and aerospace equipments. The company is organised around markets via its TAI division (Telecommunications, Automotive, Industrial) and its ADI division (Aerospace, Defence and Instrumentation).

More information:

2006 Sales: 211.5 M€
Workforce: 2300 employees
Capital: 73 % private, 27 % public (Eurolist by Euronext)
R&D: >7% of turnover
Investments: >4% of turnover
Production Capacity: 9 factories worldwide
International Sales: >80%

Need

As early as 1995, Radiall started to use a specific application on Oracle™ to manage its technical data. However, this tool did not ensure an immediate and secure access to these data between the different sites. In 1997, Radiall changed its 2D CAD system and replaced it by SolidWorks®. The transition to 3D and the workforce increase in the Design Department intensified the need for PDM software given the necessity to manage and exchange a considerable quantity of information. In 1998, @UDROS solution has been chosen for its simplicity, its customisation capabilities and its technology opened to market standards.

@UDROS solution

165 @UDROS licenses and 25 @WS licenses are used by the Design Department, Methods Department, Workshops, Sales Department, Marketing and Management Department in France (4 sites), the USA, India, China and Mexico. The deployed modules are:

- @WS for consultation,
- DocStar for the automatic creation of Word™ documents,
- eCatalog for the on-line catalog publication on Radiall.com,
- Interface with SolidWorks® CAD software and the Movex® ERP,
- ModiFlex for change order management,
- PDF ToolBox for PDF generation,
- Replication for multi-site exchanges.



@UDROS

✓ @WS	✓ CAD
✓ DocStar	✓ eCatalog
✓ ERP	✓ ModiFlex
✓ PDF	✓ X-sites

Advantages

Before @UDROS implementation, the information was isolated and it was hard to obtain it at the right time. The increasing demand for customised products on even smaller series entailed the opening of new production facilities abroad. Consequently, we required increased flexibility in the Design Department and workshops.

Today, @UDROS guarantees reliable information, accessible by all on demand. Collaborative work between Radiall factories is easier and dramatically speeds up lead times from design to delivery!

USER TESTIMONIAL

« In a few years, @UDROS has become for all Radiall sites the unique technical repository of our information system. Its integration in the ERP enables us to communicate and share best practices by offering important data accessibility and reliability. It also entails new productivity sources such as the automatic generation of manufacturing folders on paper or on screen (paperless)! »

Frédéric Agriodos, Information System Project Manager



Approach

In 1998, one of RADIALL administrators was trained on @UDROS. He was accompanied by an integrator accredited by ASSETIUM to define and create the data model, train users internally and then install the application on the different sites.

From 1999 to 2004, the deployment was performed essentially in Design Departments situated in: Voreppe, the USA and London (1999), Shanghai (2001), Château Renault and the Isle d'Abeau (2002) and finally in India (2003).

In 2004, a tool for production route management is created for the Methods Department. In 2005, the electronic catalog is put on line and @UDROS is migrated in version 6. In 2006, an interface is created with the ERP to manage the manufacturing folder.

Today, Radiall deploys a centralised server which allows them to share tools and to simplify administrative and multi-site update procedures.



Les fonctions couvertes

With @UDROS, Radiall can manage a comprehensive Product folder: requirements, technical specifications, quotes, tools, instruction sheets, control plans, CAD files and drawings.

Since 1999, several applications have been progressively implemented:

- Automatic generation of CAD drawings in PDF, accessible from an electronic « Drawings cabinet »,
- Automatic creation of technical documentation in Word™,
- Creation, consultation and editing of manufacturing routes for workshops,
- Manufacturing tooling research system (tooling),
- Electronic catalog management (+20 000 references, 6 languages),
- Automatic generation of the manufacturing folder from the Movex® ERP.