

Editorial

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Despite the current industrial crisis, ELSYS keeps growing.

Recently, ELSYS doubled its office space in Brussels and Lyon, as part of a forward looking approach to expanding our development teams: this is a sign of trust in the years to come. Known for its ELECTRE and CATELECTRE products in the aeronautical and automotive markets, ELSYS starts the year with the release of two innovative modules, Harnais Spatial and Harnais Rail, which target the markets of the design and manufacture of complex wiring found in satellites (EADS-Astrium) and rolling stock. The latter was presented at the end of May 2009 at the SIRAIL Company's stand during the SIFER show in Lille.

In addition, considering the growing number of electrical data involved in customers' projects, ELSYS developed a set of tools closely tied to ELECTRE that includes many data, history, and life cycle management features.

Lastly, with ELSYS' entry into Dassault Systèmes' PLM MarketPlace it clearly aims to increase the integration of its products with CATIA V5 & V6, with a view to releasing CATELECTRE V6 in the second half of 2009.

Encouraged by clear signs of user satisfaction, ELSYS' teams have never been more motivated by the challenges they have to tackle!



NEWS

• DASSAULT SYSTEMES' PLM MARKETPLACE

ELSYS has joined DASSAULT SYSTEMES' PLM MarketPlace program. ELSYS solutions can henceforth be identified on the PLM MarketPlace platform and sold by DASSAULT SYSTEMES' sales partners.



• SIRAIL

SIRAIL, a French company specializing in rail wiring, has chosen ELSYS solutions for its harness design and production projects.

• LATEST REVISION v10.08

The latest revision (v10.08) of the PLM electrical suite from ELSYS (CATELECTRE - ELECTRE - SMARTELECTRE) will be available at the end of June 2009.

Case study

END-TO-END CONTROL OF THE HARNESS PRODUCTION PROCESS

From the industrial context to the harness problem
Within Renault Trucks (VOLVO Group), the Harness Production Center at Blainville-sur-Orne (C2F) specializes in outlining and organizing the industrial methods used to produce the wiring harnesses fitted on the vehicles manufactured by the company. This assignment is all but simple as the engineering department has to deal with numerous limitations and a wide range of situations.

These issues result from several factors, both technological and economic:

- priority to maintaining and developing added value to tackle the fiercer competition from low-cost production centers,
- the growing complexity of on-board electrical and electronic equipment,
- the wide range of variants, options and engineering changes to satisfy demand and meet specific needs,
- the need to handle projects on a just-in-time basis to allow jobs to be customized while controlling production costs,
- the need for transparent handling of the data collected from the Group's various design centers (industrial vehicles, military vehicles, spare parts, etc.)

This results in an upwards-spiraling diversity and complexity of the harnesses to be dealt with.

[More information](#)



Tips and tricks

Modern industry's requirements in terms of performance and lead time mean that technical support for their tools is pivotal.

In the field of CAD software, user satisfaction relies on both product quality and responsiveness from support departments. However, understanding and solving the problems that may arise require exchanging large quantities of information.

It is necessary to reproduce the incident if we are to diagnose the problem. This often involves information sharing and exchanges, and even sending comprehensive test projects. This approach may be time-consuming, and businesses are often reluctant to provide their plans for confidentiality reasons.

To cut the time needed to gain a better understanding of the problems raised by its various products, ELSYS improves its remote help service's effectiveness via an exchange server. An ELSYS operator can view remote workstations, even take control of them, in a secure on-line session. The operator can grasp the situation quickly and effectively, with no need to send projects, avoiding the problem of equivalence of versions, etc.

This system is increasingly used in modern industry. As such, ELSYS is determined to provide its customers with high-quality service that is always in sync with users' real needs.

