

PRESS INFORMATION

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Cutting edge Web Services for SAP NetWeaver XI delivered to Sandvik Coromant by Eurostep

By applying ISO 13399, users of cutting tools are able to easily import information about the tools they use in their CAM and CAPP systems. Thanks to the attained information integration, ISO 13399 will enable companies to substantially decrease the cost of maintaining cutting tool information in manufacturing companies. Standards for information integration make it possible for companies to easily change and upgrade software systems without loss of information. Thereby the longevity and usability of data are secured, which in turn enhances quality and saves money when a PLM system is deployed.

Customer demand for rapid and efficient exchange of information, stemming from needs such as integration of tool design and manufacturing systems, has driven the development of ISO 13399 – a new standard for cutting tool data representation and exchange. The technical work with ISO 13399 was finalised during 2006 and the final parts are being published in 2007. The development of the standard was led by Sandvik Coromant and carried out in close cooperation with Kennametal and the Royal Institute of Technology (KTH) in Stockholm.

The pilot that Eurostep has successfully delivered to Sandvik Coromant demonstrates how Web Services based on the ISO 13399 standard enables communication using SAP XI in order to create information in SAP R/3 that corresponds to the semantics of ISO 13399. These Web Services also retrieve information from SAP R/3 and create ISO 13399 files based on that information.

K-G Wiklander, Senior Project Manager at Sandvik Coromant, says: "We are very pleased to see that the efforts we've put into developing the standard are now paying off. The Web Service integration will enable us to seamlessly deliver data to our customers and internal systems from our PLM system".

“This project demonstrates the power of using information integration standards like ISO 13399, ISO 13584 and of course the value of the generic concepts behind STEP and PLCS. We are very pleased to be part of the ongoing work with empowering the end user by putting focus on their product data,” says Gordon Ishammar, Director of Sales Eurostep AB. “The project was conducted with Acando as subcontractor to Eurostep, and we look forward to continue our fruitful cooperation in the future,” ends Mr. Ishammar.

The pilot has defined a set of Web Services based on the ISO 13399 EXPRESS schema. It uses the same basic architecture as the PLCS PLM Web Services, currently being standardized by OASIS. The pilot implementation allows for a dynamic update between the reference data and the classes and characteristics in SAP R/3.

The reference data server was implemented in Microsoft .NET and interfaces the P-Lib data using the ISO 13399 API that Eurostep developed during a previous project for Sandvik Coromant.

About Eurostep:

Eurostep delivers software and consulting services for product life-cycle management with a particular focus on the exchange and sharing of data within and between enterprises. Services range from pre-studies to the implementation of customized systems. The flagship product, Share-A-space™, (www.share-a-space.com), is a software that supports collaborative engineering across the life cycle of products. Eurostep has subsidiaries in Sweden, the UK, Finland, France and the US and has blue-chip customers in a variety of industries including automotive, aerospace, defence, telecom, building & construction, and process industries.

Eurostep Group has been an international venture from the start in 1994, and all subsidiaries of Eurostep Group have access to the leading edge PLM/PLCS knowledge base in Eurostep Group.

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