Samsung
Case Study

DEXcenter eases the sharing of quality data between various systems

DEXcenter

Corporate product data is your most valuable asset, yet it is frequently put at risk. DEXcenter is an easy-to-use solution that provides secure file exchange and traditional CAD automation on a vendor-neutral, SOA-compliant platform. When exchanged through DEXcenter, proprietary data is encrypted to prevent interception. Records of every exchange are maintained to validate what was sent, when it was sent, and when it was received. Automated ITAR and EAR Export Regulation Compliance steps are included.

DEXcenter also offers MBE operations, such as: technical data package creation and validation, model producibility, ECO documentation, legacy data conversion, long-term data retention and archiving. DEXcenter provides a CAD processing environment that can be used with the Global Collaboration Portal as a standalone solution. In addition, the Process Automation Engine can be integrated with business applications to provide translation. Customers benefit from an automated solution that reduces more than 80% of wasted resource costs.

Challenge

Samsung's corporate objective was to become a leader in the digital age of the 21st century. A key step to achieving this initiative was to scrutinize areas of product development waste and inefficiency.
Samsung sends thousands of models daily to departments, customers, and suppliers. Poor translation quality and geometry problems translated into time spent reworking files and a decline in overall responsiveness.

Solution

Samsung began by implementing the DEXcenter at it's Visual Display and Printer Divisions.
DEXcenter allowed Samsung to more easily share quality data between various systems, including: design, collaboration and data management. Multiple in house applications utilize DEXcenter as a secure backend server, for translations and validation. Samsung's DEXcenter is also linked to their global suppliers.

Result

"DEXcenter's consistency and reliability translates into improved process efficiency and significant time savings." says Samsung's Kuk Jin Kim. Following the first successful implementation, Samsung deployed DEXcenter throughout other divisions encompassing more than 5,000 users. Samsung's delivery of data to customers and suppliers has been reduced from days to minutes.

Samsung's visual display business was the first to implent DEXcenter. Today Samsung has over 5,000 users of DEXcenter in various divisions.

"DEXcenter provides an established and proven method for exhanging product data."

- Kuk Jim Kim, Manager E-CIM Center
Samsung Corp. Technology Operations

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www.iti-global.com
info@iti-global.com
1-800-783-9199

World Headquarters:
5303 DuPont Circle
Milford, OH 45150 USA

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