

Thales Optronique Case Study

DEXcenter offers complete automation of product data flow

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

Data exchange at Thales was becoming an increasing burden both in terms of complexity and the sheer volume of information being generated. The exchange of data between the optronics division that designs airborne and terrestrial devices and its subcontractors or other internal departments was a manual process, a time consuming task equivalent in man-hours to employing two full time CAD technicians.

Solution

DEXcenter allowed Thales to completely automate the flow of product data among its internal users. The web based system provides a convenient, reliable and secure method for translating engineering data. This will be expanded in the second stage of implementation to include data transmission between Thales and its customers and suppliers.

Result

DEXcenter's entire automation process has afforded Thales an estimated time savings of 80 percent."Baptiste Grigy, Support Team Manager CAD-DMU at Thales, comments: "The seamless translation of data into STEP and IGES, to meet the needs of a wide range of suppliers and colleagues, has very quickly become invaluable."



Thales supplies the systems, equipment and tools that help the world's most demanding land forces to gain and to maintain operational superiority.

"Now that the process is automated, it is hard to believe it was ever anything else."

- Baptiste Grigy, Support Team Manager
CAD-DMU, Thales Optronique

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www.iti-global.com
info@iti-global.com
1-513-576-3900
1-800-783-9199

World Headquarters:
5303 DuPont Circle
Milford, OH 45150
USA

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International TechneGroup