



TOYOTA Implements XVL Solutions Aimed at Productivity Gains in Manufacturing

TOYOTA Implements XVL Solutions Aimed at Productivity Gains in Manufacturing. XVL solutions from Lattice Technology produce digital technical documentation and global 3D information sharing.

Tokyo, Japan ([PRWEB](#)) September 18, 2004 -- Following the announcement of the strategic partnership between Dassault Syst mes and Lattice Technology, Lattice Technology has announced the adoption of its XVL applications by Toyota Motor Corporation. The company is currently using PLM products developed by Dassault Syst mes.

Toyota Motor Company adopted XVL applications developed by Lattice Technology in the Production Engineering Department and Manufacturing Department. XVL Studio, XVL Web Master and XVL Notebook support creation of digital assembly instructions and visualization of car inspection results.

Dassault Syst mes will leverage Lattice Technology's XVL solutions and expertise to create a universal 3D XML (Extensible Markup Language) open format for Product Lifecycle Management (PLM).

XVL is spreading into various industries including automotive aerospace and consumer goods industries thanks to its lightweight data format and high precision, abundant product portfolio and flexibility in implementation. It is extensively used across departments to enable design review at the design phase, and 3D data distribution in downstream process.

XVL applications adopted by many companies include XVL Studio for editing and animation of 3D geometry, XVL Web Master and XVL Notebook for data distribution and document data creation using 3D data. XVL Studio is mainly used in the design department or Product Engineering department for 3D data viewing, interference check, assembly instructions, and input of process information or animation. XVL Web Master automatically generates BOM or process tables by creating HTML data with illustrations. This application is used in the Procurement and Manufacturing departments. With XVL Notebook, even an operator who is not familiar with CAD or 3D data operation can easily paste 3D XVL data on documents along with screen shots and annotations. Thanks to those products, 3D technical documents are generated with largely improved accuracy in data communication.

Integration and utilization of Lattice's applications has streamlined the circulation of 3D documents such as design review notes in the design department, working instructions in the manufacturing department, and product manuals for the sales/marketing department. With XVL, many departments are now able to handle 3D data. Companies using XVL can combine XVL products according to its specific needs. Furthermore, connections to the data management system means information integration including 3D data occurs at the enterprise level, bringing remarkable productivity improvements.

Glossary

PLM (Product Lifecycle Management)

A Business strategy that helps companies share product data, apply common processes, and leverage corporate knowledge for the development of products from conception to retirement, across the extended enterprise. By including all participants (company departments, business partners, suppliers, OEM, and customers), PLM



enables this entire network to operate as a single entity to conceptualize, design, build, and support products.

XVL (eXtensible Virtual world description Language)

XVL technology enables companies to efficiently, cost-effectively, and securely share highly accurate and compressed, complex 3D files across internal departments and to partners and suppliers in a lightweight, easy to use, browser-based package. XVL is literally unmatched in compression, accuracy, and performance. Lattice Technology's XVL technology also enables easy conversion of heavy 3D design, graphics, and animation data to a lightweight, XML-compatible format ideal for use in a wide range of applications such as mobile devices, on-line graphics, architecture, and on-line catalogues

About Lattice Technology

Founded in 1997 with headquarters in Tokyo, Japan, Lattice Technology provides global companies with proven solutions for the propagation of 2D/3D design data across the enterprise. Lattice's standards based XVL(r) (eXtensible Virtual world description Language) technology enables companies to securely provide highly accurate and compressed 3D files to partners, suppliers, and internal departments in a lightweight browser-based solution. XVL(r) is unmatched in performance, compression and accuracy. XVL is widely introduced in more than 2000 companies, mainly in the automotive and electronics industries.

www.xvl3d.com/en/index.html.

About Lattice3D

With over 500,000 users at 2,000 companies, Lattice3D's applications enable our customers to use existing 2D & 3D data beyond engineering--throughout the extended enterprise. The company's 3D software easily creates interactive 3D documents directly from CAD drawings, while its unmatched compression enable uses ranging from technical illustrations and electronic training manuals (IETM) to 3D sales presentations and assembly instructions.

Lattice3D's award-winning solutions increase efficiency, lower costs, and improve product and service quality. Lattice3D is a privately-held company founded in 1997 and is headquartered in Silicon Valley and Tokyo. The company has offices worldwide and works with resellers in 91 countries.

For more information, visit www.lattice3D.com.

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Lattice Technology, Inc.

Mayumi Matsuura

matsuura@lattice.co.jp

+81-35-21-25-121

Lattice3D Contact

650-623-0890

pr@lattice3d.com

Press Contact



Rachael Dalton-Taggart
Strategic Reach
303-487-7406
rachael@strategicreachpr.com

**Contact Information**

Ken Feitz

STRATEGIC REACH

<http://www.lattice3d.com>

303.487.7406

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