

Lattice licenses XVL technology to JAXA

Date: 03-20-2008 01:31 PM CET

Category: [IT, New Media & Software](#)

Press release from: [Lattice Technology](#)

Agency: **Strategic Reach PR**

Japanese Aerospace Agency Joins the Growing Ranks Using XVL Technology in engineering applications

March 19, 2008, San Francisco, CA - Lattice Technology, developers of XVL and compressed 3D data solutions, announced today that its XVL technology has been licensed to the Japan Aerospace Exploration Agency (JAXA), the governmental agency that oversees research, development, and launch of spacecraft. The software employing XVL will be in use at JAXA and offered as a public domain tool.

On February 18, 2008, JAXA released COMGY (COMmmon enGineering theorY), an engineering framework to be used in the concept to preliminary design of large-scale systems such as satellites. The COMGY computer application, jointly developed with Atsushi Morishita, IT consultant, includes a JAXA 'XVL Viewer' to view 3D geometrical data.

XVL is an ultra-compressed technology used to dramatically reduce the file size of 3D models created in an engineering CAD system without losing their fidelity. XVL models provide a means for very quick communication and display of the 3D geometry.

"XVL is receiving rapidly growing use as a format of choice within engineering applications used and developed by manufacturers worldwide, and JAXA is a nice addition to that group," commented Bill Barnes, General Manager, Lattice Technology US. "It is ideal for use in aerospace and aviation where large groups need to share, review, test and validate 3D engineering data without delay and without any problems with format. XVL delivers exactly what is needed for the handling of large 3D assemblies for critical applications – high accuracy, small footprint and easy usage."

COMGY links into JAXA's previously developed SMART technology, an enterprise-wide satellite design support system. COMGY integrates all the essential SMART project information with engineering and analysis tools, including an interactive 3D viewer of satellite components. COMGY also allows JAXA engineers to compile and reuse complete part information, complete measurement and analysis tasks with the clarity that comes with 3D visualization.

The JAXA COMGY toolset and XVL Viewer combination is expected to enhance design process efficiency at JAXA, and extend its benefits into the public sector. Besides design of large-scale systems, the technology is adaptable for use by other manufacturers who need to manage a large volume of 3D data efficiently. A four-month evaluation of the application is available at comgy.jaxa.jp.

Press Queries:

Rachael Dalton-Taggart

Strategic Reach PR

303-487-7406

rachael@strategicreachpr.com

About Lattice Technology, Inc.

Founded in 1997 with headquarters in Tokyo, Japan and San Francisco, USA, Lattice Technology provides global companies with proven solutions for the propagation of 2D/3D design data across the enterprise. Lattice's standards-based XVL[®] (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[®] is unmatched in performance, compression and accuracy. XVL is widely introduced in more than 2000 companies, mainly in the automotive and electronics industries. For more information, visit www.lattice3d.com.

*XVL is a registered trademark of LATTICE TECHNOLOGY, INC.

About JAXA

Japan Aerospace Exploration Agency, or JAXA, is Japan's national aerospace agency. Formed in 2003 through the merger of three previously independent organizations, JAXA is responsible for research, development and launch of spacecraft into orbit, and is fundamentally involved in various missions such as earth observation program, lunar and asteroid exploration, and international space station program which may lead to a possible human mission to the moon. JAXA and Atsushi Morishita, by releasing COMGY framework, intends to make contribution in advancing manufacturing process. For more information, please visit www.jaxa.jp.

*Atsushi Morishita (NTT DATA Corp.): software developer and consulting expert with extensive knowledge and experience in the field of software engineering such as object oriented technology. Participated as a resident core member of the JAXA's SMART development team.

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