

TRANSPORTATION & MOBILITY CASE STUDY  
**U-SHIN**



### Challenge:

U-Shin Access Mechanisms needed one unique entry point for all project data and a project management solution that accommodated its existing "Constant Innovation Policy" workflows with a collaborative "paper board" approach to unite its global teams.

### Solution:

U-Shin chose Dassault Systèmes' ENOVIA applications for project management as well as engineering BOM and change management to position the group to continue to satisfy its customer demands and meet its revenue goals.

### Benefits:

With the 3DEXPERIENCE platform and ENOVIA, U-Shin has reduced the number of IT tools it must support and positioned U-Shin Access Mechanisms Product Group to improve quality and audit for continuous improvement.

## UNITING GLOBAL TEAMS WITH THE 3DEXPERIENCE PLATFORM AND ENOVIA

When, in 2013, the business group CAM, a world leader in the design and manufacture of automobile access mechanisms for leading global car makers, was acquired by U-Shin, a Japanese automotive company, it became a team of 8,600 people worldwide. Operating in 15 countries, U-Shin needed to adopt advanced solutions to connect its global R&D and manufacturing network.

"Becoming part of U-Shin has brought new dynamics to our company", said Peggy Gounon, U-Shin Access Mechanisms Administration Director. "Even though customer satisfaction is our prime priority, we also have to strive for excellence in our process in order to secure our profitability. In a highly competitive global market, profitable growth is vital. Today's performance and innovation is driving our future."

"Our business depends on our ability to innovate," said Jean-Marie Duno, R&D and IT Project Manager at U-Shin Access Mechanisms. "Our success is based on customer trust, quality and the robustness of our services."

## ONE UNIQUE ENTRY POINT

To prepare for its rapidly changing future, U-Shin needed one unique entry point for all of its project data. It also sought a new project management solution to accommodate its existing "Constant Innovation Policy" (CIP) workflows and a virtual, collaborative "paper board" approach to unite its global teams.

In 2014, after many years of relying on ENOVIA MatrixOne, U-Shin chose to transition to Dassault Systèmes' 3DEXPERIENCE® platform to further support innovation and become the focal point for access to its R&D projects and data. With the 3DEXPERIENCE platform and ENOVIA for Project Management, U-Shin can plan projects, analyze overall project risks and track time spent.

In addition, U-Shin is transitioning to ENOVIA from Excel-based issues management with a pilot at its Abbeville, France site and from Excel-based workload management with a pilot at its sites in Germany and Brazil. The group also is launching project documentation management with a pilot at the Nevers, France site.

## MULTIDISCIPLINARY COLLABORATION

Previously, the company's project documentation was stored on local drives at individual R&D sites spread across nine different countries. "We had a lot of difficulties, to say the least, in sharing data," Duno said.

"Multidisciplinary collaboration is at the heart of our projects, and the 3DEXPERIENCE platform is supporting this collaboration," Duno said. "Finance, Quality, Purchasing and Project Management are involved in every project. The 3DEXPERIENCE platform facilitates these businesses to exchange and collaborate."

Project management "templates" were derived from the group's existing CIP activities, inputs and deliverables. "We used the exact mapping of the CIP inside Project Management, so we have the same template for each project at all the sites," Duno explained.

With four research centers and 300 users, Duno said the 3DEXPERIENCE platform provides data exchange continuity for U-Shin around the globe. "Our solutions are highly complex and to benefit from our development process, we need to optimize the reuse of existing part designs as much as possible," he says. "The 3DEXPERIENCE platform is seen as the "paper board" of a project: the virtual forum where the project team is able to exchange information, documents and notes on their activities, incidents, current actions and tasks."

## END-TO-END SUPPORT

U-Shin began a step-wise deployment of ENOVIA in late 2014 beginning at its Nevers, France facility and followed with an additional site each month through mid-2015. Keonys, a Dassault Systèmes business partner, helped the group to define its implementation roadmap and customize the applications to fit U-Shin's core business needs for global project risk analysis and load forecasts.

"We had a great experience deploying this solution with Keonys," Duno says. "They arrived with a pre-packaged solution that allowed us to accelerate our deployment, and helped us with the implementation by assisting with preparing workshops and creating the proof of concept as well as with training and change management support."



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— Jean-Marie Duno  
R&D and IT Project Manager, U-Shin Access Mechanisms

“The solution was implemented Out of the Box, on which we changed two major functions to fit our business process,” Duno adds. “The two major functions we changed are global project risk analysis (indicators) and load forecasts. Keonys’ teams understood our needs, which allowed us to rapidly deploy the solution, thanks to their end-to-end support.”

### INNOVATE MORE, MANAGE LESS

With the **3DEXPERIENCE** platform and ENOVIA, Duno says, U-Shin has reduced the number of IT tools for project management from four to one, saving money and cutting management time for support.

#### INDUSTRY SOLUTION EXPERIENCES

U-Shin Access Mechanisms uses the Bid to Win Industry Solution Experience from Dassault Systèmes to help manage workflows and unite their global teams.

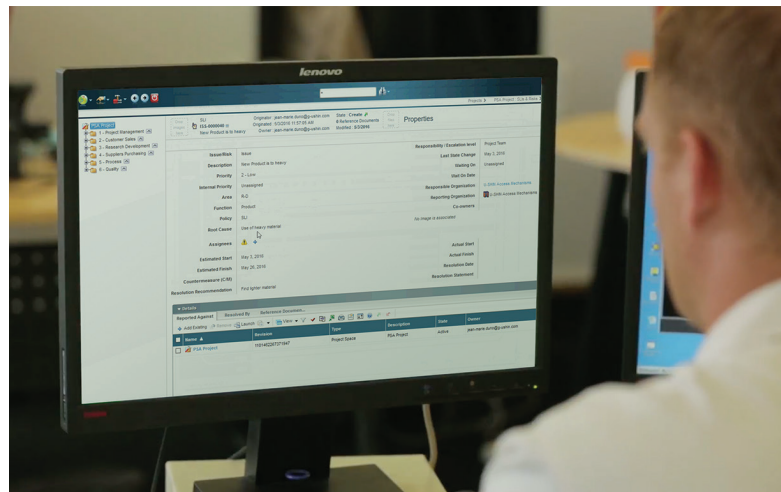
**Bid to Win:** Enables teams with industry-proven tools and processes to analyze opportunities, win optimal new business, and then design, engineer, validate, manufacture, and deliver on target to customers’ satisfaction.

U-Shin also says it is improving quality by more accurately recording time reports, using the same project templates across all of its sites and improving data sharing and communication among sites. In addition, Duno says the group is better positioned for ISO-TS audits through the use of electronic documentation and signatures.

The team’s future project management plans include managing documents at the deliverables level for each activity within a project, decision tracking and workflow, task planning and resource workload management.

In the future, Duno and his team also plan to expand the group’s ENOVIA implementation to requirements management, variant management and design in configured context. The group also has linked ENOVIA with its PUMA solution (Ivalua) for supplier management and expects to connect with Business Warehouse (SAP) for time reporting.

“Each site is part of the evolution of the ENOVIA tools,” Duno said. “Our users are becoming actors in their tool definition. They are deciding what is most pressing and impactful for them and helping to develop their implementation roadmaps. By migrating our group’s R&D data to the **3DEXPERIENCE** platform, we can support innovation and begin working more closely with our parent company in Japan, allowing us to start joint projects and continue to build our common future.”



Top image: **3DEXPERIENCE** allows U-Shin to unite its global teams.

Bottom image: With ENOVIA, U-Shin is enhancing quality and can audit for continuous improvement.

### Focus on U-Shin

U-Shin, global Japanese company founded in 1926 and specialized in access mechanisms systems for vehicle and control panels, is an automotive part supplier which provides robust, reliable, competitive and innovative solutions to meet expectations of the most demanding customers all around the world. In its drive for expansion, U-Shin designs and manufactures mechanical, electrical and component system devices and control machines for automotive, industrial machinery and home security units.

**Products:** Latches, Power Closure Systems, Electric Steering Colum Locks, Handles and Locks, Climate Controllers, Step Gates

**Employees:** 8,900 worldwide

**Revenue:** 164.23 billion JPY (2015)

**Headquarters:** Tokyo, Japan

**For more information**

[www.u-shin-ltd.com](http://www.u-shin-ltd.com)

### Focus on Keonys

For more than 20 years, Keonys has supported the implementation of product lifecycle management projects, and has assisted its customers with the preparation and optimization of their engineering processes and improving their collaborative methods so that they can develop new experiences with their own customers.

**For more information**

[www.keonys.com](http://www.keonys.com)



## Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 210,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

