



DELMIA V6

Robotics Offline Programming

Import and Export V6 Production Robot Programs

DELMIA Robotics Offline Programming imports and exports V6 production robot programs to the shop floor for execution.

DELMIA Robotics Offline Programming (ROP) extends the V6 robotics offering by enabling the import and export of production robot programs. For robotic applications that require the highest degree of accuracy in their robot trajectories, DELMIA Robotics Offline Programming provides advanced workcell calibration capabilities that improve the accuracy of the translated program. Advanced robotics applications, such as the use of workpiece positioner axis and fixed Tool Center Point (TCP) devices, are supported in this comprehensive robotic offline programming solution.

Import and export robot production programs

DELMIA Robotics Offline Programming takes advantage of the popular Visual Basic format for the import and export of robot native language programs. This allows customers

and third party value-added partners to easily develop new robot translators or extend our delivered robot translators to fit custom requirements.

Import and export production-ready robot programs

DELMIA Robotics Offline Programming allows users to deliver validated programs to the shop floor for execution. Customers can create production robot programs offline using V6 simulations while keeping their online system in production, generating revenue. Additionally, robot programmers can upload existing robot production programs from the robot controller to V6 for validation and editing.

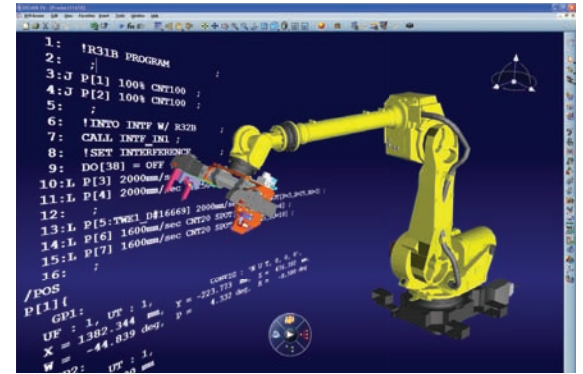


3D virtual workcell alignment with the physical workcell

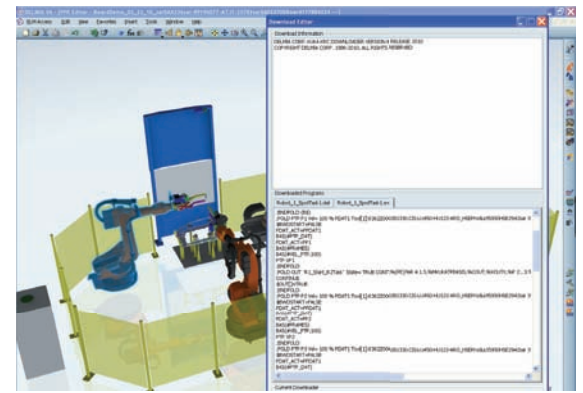
DELMIA Robotics Offline Programming allows users to calibrate their V6 3D workcell layout to reflect the physical layout on the shop floor. This essential capability assists the programmer in delivering accurate, production-ready robot programs to the shop floor. It eliminates the need to manually modify the robot's taught positions, saving both time and effort.

Product Highlights

- Use of Visual Basic as an industry standard, open data exchange format
- Visual Basic-based, production-proven robot language translators
- 3D virtual workcell alignment with the physical workcell
- Download validated robot programs
- Upload existing robot production programs from the robot controller to V6 for validation and editing



DELMIA Robotics Offline Programming enables the import and export of production robot programs.



Create robot production programs that accurately reflect the physical characteristics of the shop floor layout.

About Dassault Systèmes

As a world leader in 3D and Product Lifecycle Management (PLM) solutions, Dassault Systèmes brings value to more than 115,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes applications provide a 3D vision of the entire lifecycle of products from conception to maintenance to recycling. The Dassault Systèmes portfolio consists of SolidWorks for 3D mechanical design - CATIA for designing the virtual product - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences.

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