



V6 PLM Express

Bringing PLM 2.0 Values to the Mid Market

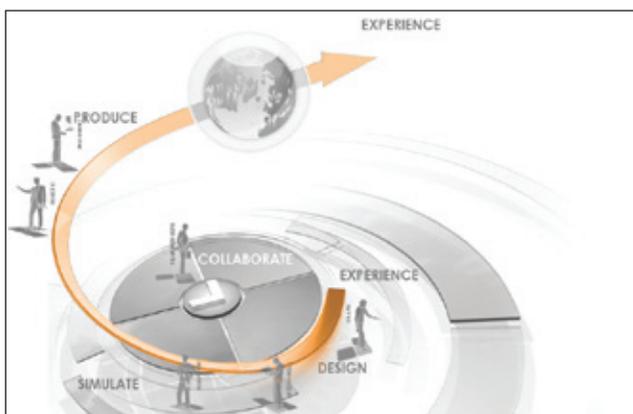


PLM 2.0 WITHIN YOUR REACH

The virtual world is playing a greater role in how we live, work and play. And today's Product Lifecycle Management (PLM) solutions from Dassault Systèmes (DS) can bring 3D virtual environments to smaller enterprises, by combining design excellence with collaborative innovation, realistic simulation and digital manufacturing and production.

In a world widely connected, end users and consumers can play a bigger part in product definition. PLM 2.0 – PLM Online for all – is the next evolution of PLM enabled by the DS V6 Platform. It is an easy and affordable way to capture and realize product ideas from your colleagues, partners and customers. It breaks down the barriers to innovation by bringing ideas to life.

PLM 2.0 extends PLM beyond engineering and manufacturing to an online environment that allows you to work together to imagine, share and experience products in real-time through the universal language of 3D.



V6 PLM Express is a dedicated solution tailored to meet the needs of smaller organizations. It combines best-in-class Dassault Systèmes PLM solutions – such as virtual product design, simulation and manufacturing – with key PLM 2.0 values including real-time seamless collaboration, online-enabled, design-anywhere functionality and a single, scalable platform adaptable to a variety of roles. V6 PLM Express far exceeds the capabilities of traditional PLM, and is designed to grow with smaller businesses – at a price that fits your expectations.

WITH V6 PLM EXPRESS - THE POSSIBILITIES ARE ENDLESS:

- **Imagine** your designers connecting to their virtual product data from home in the United States to collaborate with colleagues in Europe to improve the 3D model of your latest product.
- **Imagine** your designers, production specialists and consumers forming online communities to share know-how, leverage talent and drive innovation.
- **Imagine** seeing how your product will behave and perform in real life ... all virtually, on one platform, when changes are still inexpensive to make.
- **Imagine** accessing, navigating and sharing all your product-related information in the most intuitive and universal manner possible - via 3D models.
- **Imagine** being able to deploy a comprehensive PLM solution in as little as a day – one that also gives you access to the capabilities of PLM 2.0 ... and grows with you as you need it.

Today, V6 PLM Express makes all of this, and more, possible in a ready-to-use environment engineered for rapid deployment - and even faster results.



TAILORED SOLUTIONS BASED ON JOB-RELATED ROLES

Simplicity, Flexibility & Completeness

V6 PLM Express delivers all of the functionality and benefits of DS' full V6 PLM portfolio organized around roles that address specific business requirements and organizational definitions common to smaller enterprises.

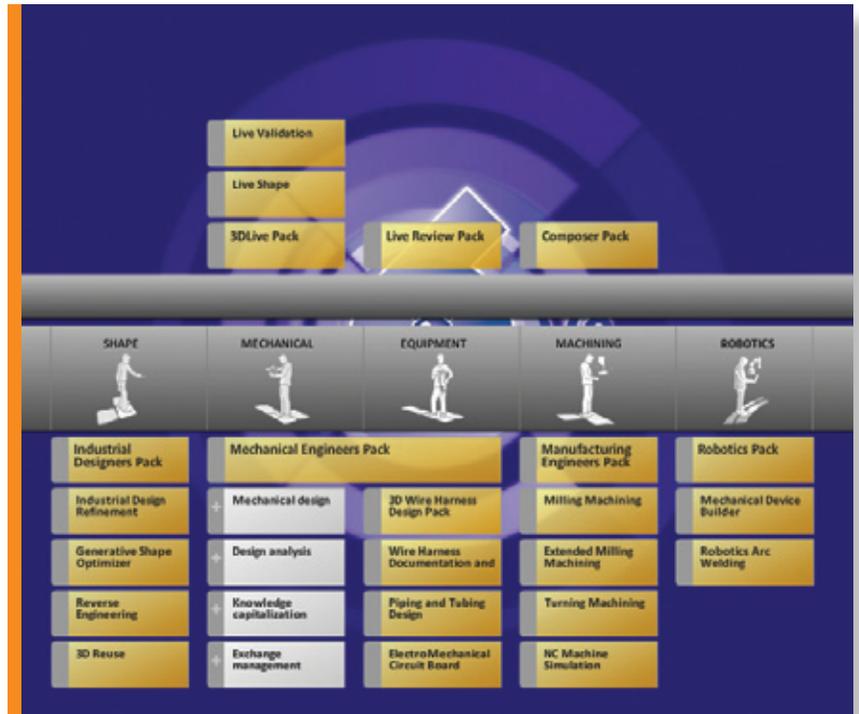
Share, Review, Experience – the Power of Collaboration for All Team Members

As product development evolves beyond the traditional confines of a single department or company, transparency and accessibility to the process have become critical for an ever-growing range of stakeholders. V6 PLM Express provides a “virtual window” into product development processes and data. Users across the enterprise, as well as external partners and collaborators, can easily participate in product review or decision-making activities, making the entire product development process more efficient and innovative.

In this new collaborative world, V6 PLM Express, built on a platform that includes world-class product data management and program management capabilities, allows organizations to easily manage the product development process and all its associated information.

Lastly, V6 PLM Express extends the power of your enterprise by allowing organizations to better leverage their existing product designs. Users can easily transform 3D Master Data information into rich technical communications and provide their customers with comprehensive product information, helping to foster a competitive advantage, improve operational efficiencies, enhance product quality and shorten time to market.

V6 PLM Express Portfolio



Organized into five job-related roles, V6 PLM Express is designed specifically to meet the needs of smaller organizations.

SHAPE



SHAPE DESIGNER

Industrial design solution for styling & design

Shape is crucial to capturing the imagination and loyalty of your customers. Industrial designers need solutions that are intuitive and easy to use. V6 PLM Express enables product designers to easily bring ideas to life, both individually and collaboratively within a group. And, integrating the styling process with detailed design and manufacturing allows you to quickly launch new ideas in the marketplace. Core functionalities include styling, conceptual design, visualization, technical surfacing and reverse engineering.

MECHANICAL



MECHANICAL ENGINEER

Process-oriented modeling, tolerancing and kinematics tools

Getting the right products to the market ahead of the competition means completing tasks in minutes instead of hours or days and getting designs right the first time. V6 PLM Express provides a set of advanced tools for designing complex mechanical products. Design changes can be easily propagated to all product development stakeholders thanks to built-in relational design features and collaboration tools. Core functionalities include mechanical design, design analysis, knowledge capture and reuse and supply chain data exchange.

EQUIPMENT



EQUIPMENT ENGINEER

Process oriented & collaborative solutions

Providing an integrated environment that enables the collaborative, detailed design of electronic, electrical and fluidic systems in the context of a virtual product is critical in developing today's increasingly complex products. Full traceability, configuration management and knowledge reuse in an integrated process will enable the creation of successful products. V6 PLM Express provides advanced tools to reduce design time and improve quality. Built-in simulation functions allow you to visualize and analyze the equipment, including fluid, electrical and other systems, in its commissioning stage (i.e. virtual commissioning). Core functionalities include 3D wire harness, wire harness flattening, piping & tubing and circuit board design.

MACHINING



MACHINING ENGINEER

Manufacturing solutions and tools fully integrated with the design environment

Reducing overall manufacturing process time is a game changer. Easy to use and innovative manufacturing simulation solutions are a must. V6 PLM Express provides advanced machining solutions that are fully integrated with the design environment. This Design-for-Manufacturing approach allows manufacturing processes to start earlier with fewer downstream errors. Core functionalities include 3D design, prismatic machining & machine tool builder, advanced NC solutions and NC machine simulation.

ROBOTICS



ROBOTICS ENGINEER

Industrial solutions for programming robotic material handling and arc welding systems

This V6 PLM Express offering allows robot programmers to create, optimize and validate their robotic applications in an immersive 3D environment. Small and medium-sized enterprises significantly benefit from the capability to virtually program their robots by allowing them to keep the physical robots engaged in value-added manufacturing activities instead of taking them off-line to create or modify their programs. V6 PLM Express provides advanced, yet intuitive, robotic programming solutions for programming, simulation and translating robot programs to the robot's native controller language for execution on the shop floor.



SMALL AND MEDIUM-SIZED BUSINESSES CAN REALIZE THE KEY BENEFITS OF PLM 2.0 IN A PREPACKAGED, READY-TO-USE ENVIRONMENT ENGINEERED FOR RAPID DEPLOYMENT.

- **Easy to buy.** Role-based packaging allows small and medium-sized enterprises to quickly identify solutions that match their needs for simplicity, flexibility and completeness.
- **Easy to install and implement.** Out-of-the-box configurations mean single-day installation and easy maintenance.
- **Easy supply chain integration.** Common interface and data models allow mid-market suppliers and OEMs to collaborate more easily.
- **Easy-to-use.** Intuitive V6 interface requires minimal training and is fully integrated with the Microsoft environment, offering familiar cut/paste and drag/drop functions.

DASSAULT SYSTEMES' V6 HAS BEEN ADOPTED BY HUNDREDS OF CUSTOMERS IN A WIDE RANGE OF INDUSTRIES, INCLUDING...



Aerospace

BAE Systems, Eaton, Hawker Beechcraft, Piaggio Aero Industries



Apparel

Boston Apparel Group, Guess?, Trent, Ltd., Under Armour



Architecture

Skanska



Automotive

Great Wall Motors, Optimal Energy (Pty) Ltd., Renault



Consumer Packaged Goods

CJ CheilJedang, Procter & Gamble, Staples



Energy

Babcock & Wilcox Power Generation Group, GLT-PLUS, Oceaneering



High Tech

Dialog Semiconductor, INSIDE Contactless, Lexmark International, Nikon, Novero



Industrial Equipment

Dong Fang Boiler Group, Hoffman Enclosures, MacGregor, Meyn, Schuler



Life Sciences

GE Healthcare, Zimmer



Shipbuilding

Meyer Werft



Business Services

TÜV Rheinland Group

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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 develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire lifecycle of products from conception to maintenance to recycling. The Dassault Systèmes portfolio consists of CATIA for designing the virtual product - SolidWorks for 3D mechanical design - DELMIA for virtual production - SIMULIA for virtual testing - ENOVIA for global collaborative lifecycle management, and 3DVIA for online 3D lifelike experiences. Dassault Systèmes' shares are listed on Euronext Paris (#13065, DSY.PA) and Dassault Systèmes' ADRs may be traded on the US Over-The-Counter (OTC) market (DASTY). For more information, visit <http://www.3ds.com>.

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TECMES

MAIS INFORMAÇÕES:

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