

IBM/Dassault Systèmes International Competency Center (IDSICC)



Highlights

- **Enables the delivery of a high performance PLM environment**
- **Optimises the integrated IBM hardware, middleware and PLM application software environment**
- **Provides performance, scalability and capacity planning guidelines**
- **Utilises a unique methodology for performance assessment and delivery.**

Product Lifecycle Management (PLM) solutions must deliver high performance to end-users. Response times must be optimised and constant – even in large-scale deployments used by thousands of concurrent users. This means that the right amount of resources (hardware, middleware and PLM application software) has been dedicated, and that these resources provide an expected level of capacity and scalability that delivers optimum performance.

To achieve this optimum environment, IBM and Dassault Systèmes created a test methodology known as Performance, Capacity and Scalability (PCS) testing.

- **Performance** is the time and system resources required to complete a set of scenarios. This indicates system speed and reliability, two aspects of the system critical to obtaining user acceptance.
- **Capacity** represents the number of concurrent users supported by a given hardware configuration. Knowing the system capacity level is critical to maintaining performance and planning system upgrades.
- **Scalability** is the ability to add proportional amounts of workload and resources while maintaining performance. Demonstrated predictability allows one to anticipate how much computing power might be required to support an increasing user population.

This PCS methodology is a unique service of the IDSICC. The PCS methodology is designed to test the scalability of the PLM solutions – its ability to deliver the same experience to every user – and ensures optimisation of the working environment between hardware, middleware, and PLM application software. This is the only testing program for the Dassault Systèmes software that is carried out in conjunction with any hardware or middleware vendor.

The IDSICC was created in April 1999 at the Dassault Systèmes headquarters in Suresnes, France for the mutual benefit of clients, business partners and IBM representatives. Its role is to support the continuous improvement of Dassault Systèmes products for PLM through strenuous real-life scenario testing. The center is staffed by highly skilled specialists from both IBM and Dassault Systèmes, all with extensive experience implementing PLM solutions.

With the IDSICC, IBM and Dassault Systèmes deliver the most powerful PLM solution combination available in the industry through the integration of key technologies in PLM Software (ENOVIA VPLM and ENOVIA SmarTeam), in middleware

(Information Management (DB2), Lotus Software, WebSphere, Tivoli, Rational), and in hardware (IBM System p5 servers, BladeCenter®, IBM Storage, IBM System x servers and IBM IntelliStation workstations).

The IDSICC also provides skills transfer to a worldwide network of specialists through Web lectures, system sizing, configuration recommendations, and implementation and methodology guidelines. Furthermore, IDSICC shares its knowledge through international customer events such as COE and ECF. The information communicated during these events updates companies with the latest level of recommendations for their PLM deployment and usage.

Building on the IBM/Dassault Systèmes partnership, the IDSICC demonstrates our commitment to deliver unmatched joint fully integrated world-class technologies supporting PLM solutions.

For more information

For more information contact your IBM Representative, IBM Business Partner, or visit the IBM PLM Web site at: **ibm.com/solutions/plm**



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