11-25-2013

Product Lifecycle Management (PLM) Center

Nathan W. Hartman
Purdue University, nhartman@purdue.edu

Purdue University Office of Research and Partnerships

Follow this and additional works at: http://docs.lib.purdue.edu/ovprcores

Recommended Citation
http://docs.lib.purdue.edu/ovprcores/13

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.
The Digital Enterprise Center is the hub for product lifecycle management (PLM) activities in the Purdue College of Technology, and serves as a resource for industrial partners including The Boeing Company, Cummins, General Motors, Gulfstream, Rolls Royce, Sandia National Laboratory and Textron. It is also the physical home for the PLM Center, an interdisciplinary virtual center that links Purdue's College of Technology with the Colleges of Engineering and Science. It is connected to other College labs through high-speed network connections and through the Siemens PLM TeamCenter and PTC Windchill suite of tools. Typical research activities in the lab include model-based definition, model-based enterprise, 3D data interoperability and collaboration, product data management methodologies, and workflows for the extended use of CAD data. Equipment and resources include:

- All major PLM toolsets and utilities from commercial PLM software providers
- PLM server capacity for research and education
- 6 Servers
- 12 CPUs
- 52 Physical Cores / 80 Logical Cores
- 200GB Memory
- 13TB Storage Capacity (2 external arrays plus direct attached storage)
- 30 Server Gigabit ports, all gigabit networking for PLM server to clients

Authors: Nathan W. Hartman and the Purdue University Office of the Vice President for Research

Keywords: product lifecycle management, PLM, model-based enterprise