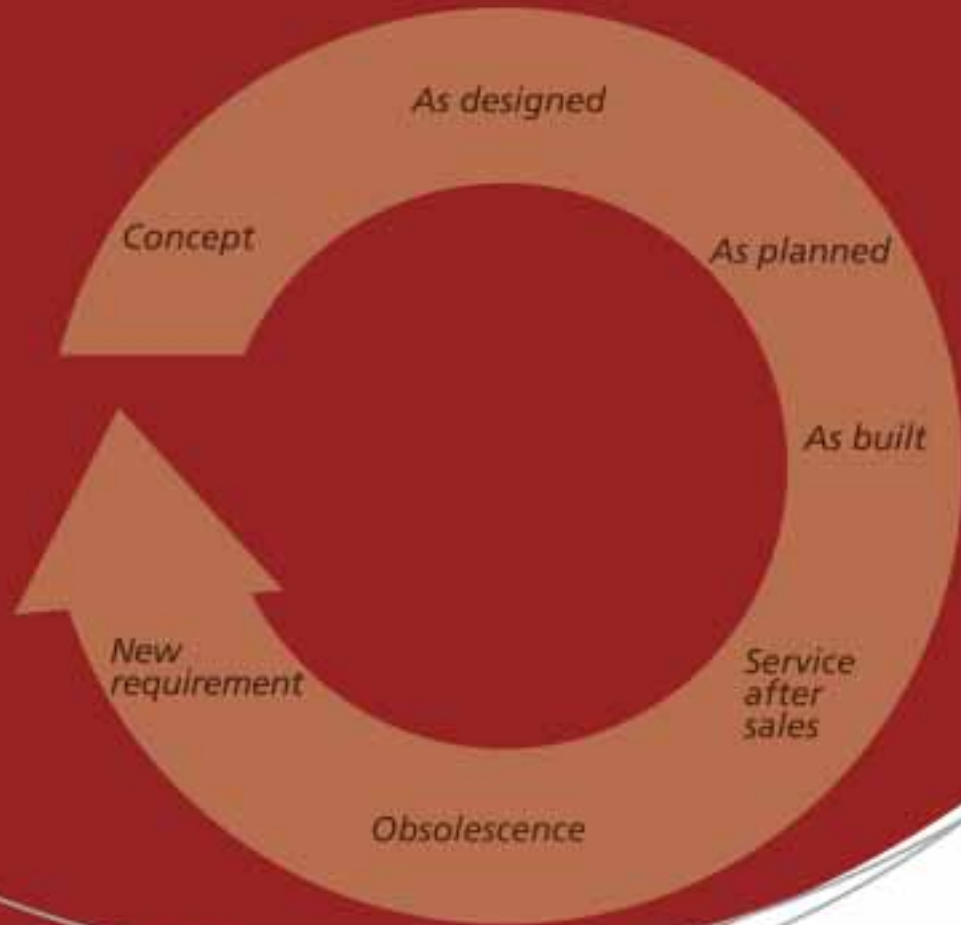


# PDM Competencies



CADES PDM team offers world class capability in providing Consulting services, Enterprise wide implementation, Post implementation support and other PDM related services to the aerospace, defence, automotive and manufacturing industries.

## PDM Industry Competencies



### CADES PDM Value proposition -

- As an organization CADES brings strong Domain knowledge in Aerospace & Defense / Automotive & Manufacturing, which helps in understanding the customer requirement much better (connecting business objective to processes and functional specification), and suggests value addition based on our knowledge / experience
- CADES has highly experienced PDM team that has worked in the - Consulting area for global customers, involved in the PDM Design framework preparation & worked on Data / Process model and implementation, customization, training and deployment
- Most of PDM team members have worked in Industries before joining CADES and brings in strong Processes (Design to Manufacturing), CAD/CAM, Systems integration, Database & Software development (for customization) knowledge
- CADES provides a Global Delivery model...with onsite and offshore teams for leveraging on Low COST - on implementation with faster deployment

### 1. PDM Consulting services offering

- CADES offers consulting in the PDM space through its strong domain and process knowledge in automotive, aerospace and manufacturing
- CADES provides consulting skills by conducting PDM diagnostic workshop (for understanding the business objectives & the business processes from concept stage till the death of the Product) for identifying the need for PDM
- Building the functional/technical requirements specifications for PDM for extended enterprise
- Support in evaluating the technology & PDM packages
- Enterprise PDM road map definition and Implementation Planning
- PDM infrastructure strategy and hardware sizing

- Strategy for interfacing/integrating PDM with other applications
- Migration strategy - data and application level
- Scoping out the PDM project for extended enterprise, program modularization / phasing etc.

### 2. PDM Implementation services offering

#### **Design & Architecting the PDM solution**

- Design and architecture definition (Data / Process Model) for extended enterprise wide requirements for implementing any of the standard PDM software & technologies

#### **Customization, Migration & Integration**

- CADES strong development team provides customization on modules of the various PDM packages.

- Data Migration Strategy & Application migration
- Implementation of the integration specific requirements for ERP, CRM and any Project Management tools with PDM packages
- Customizing the CAD (MCAD/ECAD packages) and PDM Software to address the customers requirement on Integration as well

**Testing & Deployment services**

- Detailing of plan/methodology /acceptance criteria to be used at the initial phase of PDM implementation to its customers for functional/ module & system level & performance level testing
- PDM software set up & installation deployment services
- Users & administrator level training

**3. Post Implementation Support services offering**

- Additional, functionality / Process implementation
- Custom reports and utility development work
- Performance review and tuning
- Bug fixing and enhancements
- PDM package version up gradation
- PDM Helpdesk support

**4. Other Services Includes - Development of Integration Adapters**

- Either directly between other PDM or any other software or with the middleware EAI layer (Biztalk or Websphere), CADES has capability to design & develop the adapters

**Foundation Technology Competencies:**

**PDM Technology Capabilities**

1. Teamcenter (Enterprise / Engineering)
2. ENOVIA/SMARTTEAM/E-Matrix
3. Windchill
4. SAP PLM
5. Agile

**Internet & Database Technology Competencies**

- J2EE, XML, EJB & JSP others
- Oracle, DB2 & SQL server

**Middleware Experiences**

- Microsoft Biztalk
- Websphere

**PDM Team Experience**

CADES has experience in implementing PLM software

- UGS – Teamcenter Enterprise / Engineering solutions
- Dassault Systems – Enovia & SmarTeam solutions
- PTC-Windchill

CADES PDM Team has implementation experience of –

- Consulting (Requirement collection to defining the PLM functional specs to building PLM road map)
- Design and Architect the PLM solution framework
- Implement - Configuration Management / Workflow & Change Management / Multi site / Visualization /Program Management / CAD (Mechanical/Electrical) integration / Customization / Training / Maintenance / Integration to ERP & other legacy application.

**CADES PDM Competency**

PLM offering / Industry	Consulting	Implementation				Support
	Strategy and Requirement Management	Design	Customization	Testing	Deployment	Maintenance
Aerospace & Defense	<ul style="list-style-type: none"> <li>• Conduct feasibility study for extended PLM needs, based on business challenges/processes.</li> <li>• Identifying / benchmarking against the PLM tools available &amp; fitment check with best options.</li> </ul>	<ul style="list-style-type: none"> <li>• Architecture Definition.</li> </ul>	<ul style="list-style-type: none"> <li>• Tool customization at modular and frame work level</li> <li>• Customization for the integration requirements.(such as writing Adapters or integration with other applications)</li> <li>• Data Migration.</li> </ul>	<ul style="list-style-type: none"> <li>• Test Strategy and test management</li> <li>• Perform testing &amp; Analysis of the Modular &amp; systems level and fine tuning.</li> </ul>	<ul style="list-style-type: none"> <li>• User training and global role out.</li> <li>• Set up and installation at the Server and Client side.</li> </ul>	<ul style="list-style-type: none"> <li>• Provide support to existing PLM application/ administration</li> <li>• Additional functional process implementation.</li> <li>• Perform review / optimization</li> <li>• Bug fixing / enhancements.</li> <li>• PLM help desk/Support</li> <li>• PLM version up gradation</li> </ul>
Automotive Manufacturing	<ul style="list-style-type: none"> <li>• Enterprise PLM roadmap definition.</li> <li>• Requirement gathering for Business process re-engineering, interface needs, Data Migrations and analysis of the requirements.</li> </ul>					
Electrical & Electronics	<ul style="list-style-type: none"> <li>• Strategy for – Infrastructure/integrations and PLM implementations.</li> <li>• Project Scoping – Planning and Program Management</li> </ul>					
Life cycle program management						



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