



ENABLING 21st CENTURY PLM

Digitalization is unlocking newer opportunities for leadership and strategic growth. It is key to a strategic edge in a rapidly changing business world for global enterprises. PLM is increasingly seen as the enabling technology for driving digitalization. However, traditional PLM systems are evolving to keep pace with the changes, challenging the enterprises to advance their PLM strategies for realizing the true potential of digitalization.

NEED FOR 21st CENTURY PLM

Digital-led disruption is driving huge changes to the way information is shared and consumed, thus redefining the dimensions of PLM. Historically, enterprise PLM applications have been designed to support the authoring of data, but have had minimal impact on the consumption of this data & process enablement. Further, the focus has been around traditional mechanical led areas and was missing the value of connections across the entire product development lifecycle. As manufacturers have grown both geographically and organizationally, the systems have struggled with the constraints, thus impacting the quality of collaboration.

These changes coupled with significant enhancement in capability and functional coverage by all leading PLM ISV's, necessitates the need to invest in 21st Century PLM systems, enabling the digital ecosystem in today's times.

21st CENTURY PLM DIMENSIONS

CONNECTED



Eliminates the process constraints due to domain silos by creating an internally and externally connected ecosystem through federating disparate enterprise systems

COLLABORATIVE



Collaboration across domains as well as the value chain enabling data consumption focused processes and closed loop continuous engineering

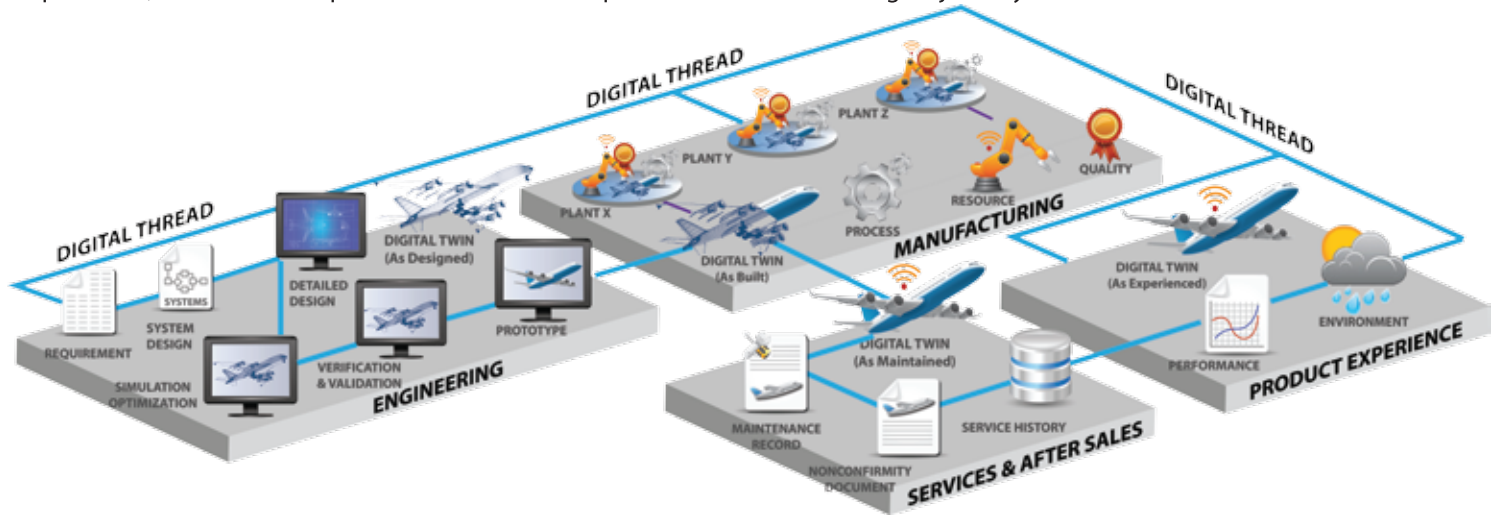
ORCHESTRATED



Adaptive and flexible processes enabling effective response to fast changing business requirements

21st CENTURY CAPABILITIES

By reimagining PLM strategies in the context of digital ecosystem, HCL Technologies enables global enterprises to evolve their PLM systems to realize the true potential of digitalization. Our approach of leveraging the existing valuable digital PLM assets built over the years, helps enterprises to accelerate the realization of the digital thread platform enabling digital twins. HCL's 21st Century PLM capabilities, consisting of consulting based approach, rich solutions portfolio and experience of working with major global top 100 R&D corporations, makes HCL the partner of choice as companies embark on their digital journey.



SOLUTION SUPPORT FOR MANUFACTURERS' INITIATIVES AROUND:

- New product development and introduction
- Model based definition/ engineering
- Simulation data and process management
- Engineering application lifecycle management
- Connected Factory
- Model based systems engineering
- Product costing
- Supplier collaboration
- Plant automation
- MOM/MES/ manufacturing integrations

SERVICES

- Consulting
- Implementation
- Upgrade/migration
- Application management

TECHNOLOGIES

- Interoperability solutions
- Design, manufacturing and visualizations solutions

RIGHT PARTNER

DIGITAL TRANSFORMATION
Experience of managing digital transformation initiatives of global corporations

EXPERIENCE
20 YEARS
Unrivalled expertise with over two decades of PLM services experience

INNOVATION
Solutions/IPs to accelerate next generation product development processes

INDUSTRY KNOWLEDGE
Focus on 10 major industry segments

PRODUCT REALIZATION
End-to-end capabilities across product realization

UNMATCHED PARTNER ECOSYSTEM
Best in class partnership ecosystem to support diverse requirements



Hello, I'm from HCL's Engineering and R&D Services. We enable technology led organizations to go to market with innovative products and solutions. We partner with our customers in building world class products and creating associated solution deliver ecosystems to help bring market leadership. We develop engineering products, solutions and platforms across Aerospace and Defense, Automotive, Consumer Electronics, Software, Online, Industrial Manufacturing, Medical Devices, Networking & Telecom, Office Automation, Semiconductor and Servers & Storage for our customers.

Geometric is now a part of HCL Technologies

For more details contact: geometricplm@hcl.com
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