

xLMCloud

Accelerating PLM transformation with
cloud-native engineering intelligence

HCLTech xLMCloud is a cloud-native solution that accelerates innovation by embedding AI-driven engineering intelligence and modernizes product development ecosystems. The solution transforms Engineering R&D infrastructure, covering CAD VDI, PDM/PLM servers, ALM, HPC clusters, databases and license servers using managed cloud services and Infrastructure as Code.

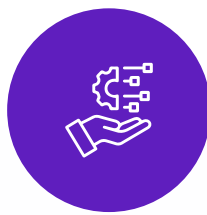
It supports Siemens Teamcenter across assessment, migration and managed services. For graphics-intensive users, the solution delivers secure, high-performance CAD on cloud while reducing Total Cost of Ownership (TCO) through optimized resource utilization

Features



Cloud consulting

Assistance to enterprises through cloud readiness assessment, gap analysis, transformation roadmap and workloads definition



Cloud transformation

End-to-end transformation including apps integration, DevOps tooling and implementation and program governance



Cloud operations

Ownership of operations through apps and cloud administration, AI-driven platform monitoring for proactive health insights, operational intelligence, change and release management

Benefits

Up to 50% reduction in infrastructure costs

Achieved through right-sized cloud compute and GPU resources, optimized utilization and pay-per-use consumption instead of Capex-heavy on-premises setups

Up to 25% improvement in engineering performance

High-performance cloud infrastructure enables faster CAD/CAE execution and improves user productivity

99.95% availability with rapid disaster recovery

Cloud-native resiliency supports high availability and rapid recovery, minimizing disruption during system failures while leveraging AI-enabled platform monitoring as the backbone for predictive fault detection

Improved agility and on-demand scalability

Infrastructure scales quickly to meet changing engineering and project requirements without hardware refresh cycles

Secure remote engineering with enterprise compliance

Enables global access to CAD and PLM with centralized security, ensuring IP protection and compliance

Siemens products leveraged

Teamcenter® portfolio

Designcenter™ NX™ software

Industries of relevance



Automotive



Manufacturing



Aerospace
and Defense



High Tech



Semiconductor