

HCLTech

Supercharging Enterprise Digital Twin adoption

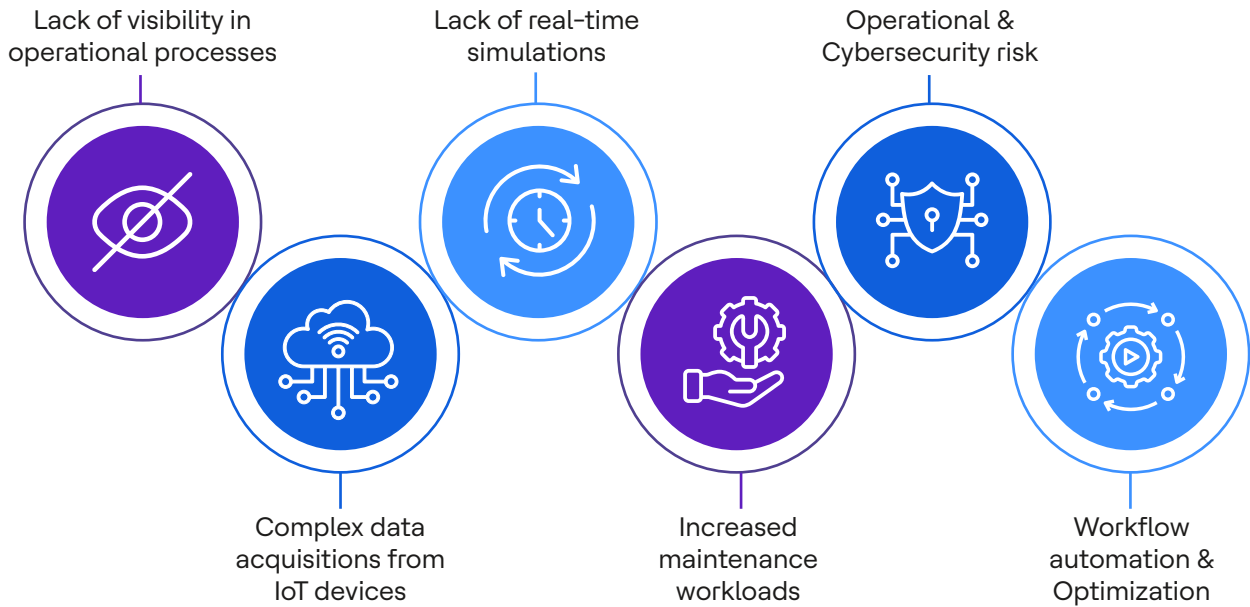


Powering connected phygital experiences

Digital Twins are connected virtual replicas of your physical products, people and processes. By leveraging Digital Twins across the product/process lifecycle and integrating it with data from sensors and IoT devices, enterprises can gain real-time insights, optimize operations, improve decision-making and accelerate innovation.

Digital Twins are already delivering value to industries such as Manufacturing, Aerospace, Medical, Automotive, Energy & Utilities, and more. According to a survey by McKinsey, investment in Digital Twins is expected to reach \$48 billion by 2026 with a CAGR of 58%.

Factors driving Digital Twin adoption



To harness the full potential of digital twins for your enterprise, you need a partner who has the right set of expertise, skills, technologies and infrastructure to build, deploy, and operate value-driving Digital Twins. HCLTech is that partner.

Our best-of-breed Digital Twin service offerings enable you to improve your process efficiencies, reduce downtime, enhance productivity and drive sustainable growth.

Digital Twins have the potential to deliver consequential business impact

25%-30%
Increased asset performance

20%-30%
Reduced maintenance cost

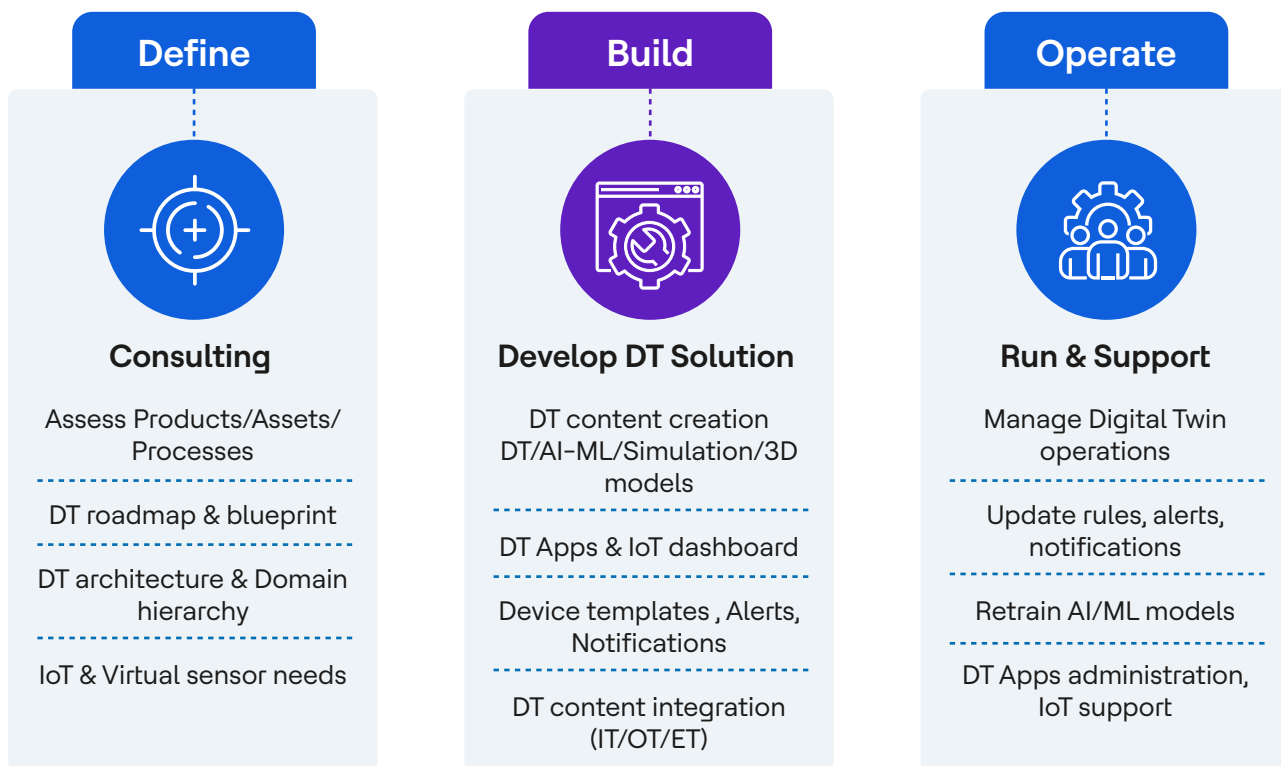
10%-30%
Reduced time-to-market

10%-30%
Improved planning efficiency



HCLTech's Digital Twin Services: Harnessing the power of Digital Twins for enterprises across verticals

Our portfolio of end-to-end Digital Twin offerings along with our in-depth domain knowledge and our strategic investments in labs and technology CoEs, makes us a one-stop partner for all industry requirements and uses-cases across the Digital Twin lifecycle.



Digital Twin Solution Accelerators

AssetTwin360

End-to-end asset management solution to improve asset performance and reduce downtime via predictive maintenance

ECCO - Digital Thread Framework

A framework for visibility and traceability of context-specific information across the enterprise

SCMTwin

A cognitive twin solution to predict the dynamics of short-term and mid-term supply chain decision for sourcing, resilience and visibility

EVTwin

A monitoring and diagnostics solution to enable predictive maintenance and battery life prediction for Electric Vehicles (EV)

XTERN SDP

An XR lifecycle management platform for accelerated development and implementation of custom XR solutions and use-cases at enterprise-scale



Success Stories

Remote predictive maintenance for a leading windmill manufacturer

- Enabled remote tracking of vital parameters and analysis of data collected from the windmills and controllers
- Reduced maintenance cost & increased productivity due to visibility of operations and maintenance requirements



Digital Twin platform for a leading aerospace OEM

- Improved efficiency by capturing real-time plant performance information
- Enabled real-time visibility into shop floor through simulation, predictions and connected production



Analyst Recognitions



HCLTech is positioned as a leader in

Everest Group's Digital Twin Services PEAK Matrix® Assessment 2022

ISG Provider Lens™ Digital Engineering Services – Connected And Intelligent Operations – Process Industries, U.S. 2022

Avasant AR/VR/XR Services 2022 RadarView™

Want to know how we can unlock the potential of Digital Twin for your enterprise?

Contact Us: digitalengg@hcl.com or Digital-Twins@hcl.com

HCLTech is a global technology company, home to 221,000+ people across 60 countries, delivering industry-leading capabilities centered around digital, engineering and cloud, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG, and Public Services. Consolidated revenues as of 12 months ending September 2023 totaled \$12.9 billion. To learn how we can supercharge progress for you, visit hcltech.com

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