

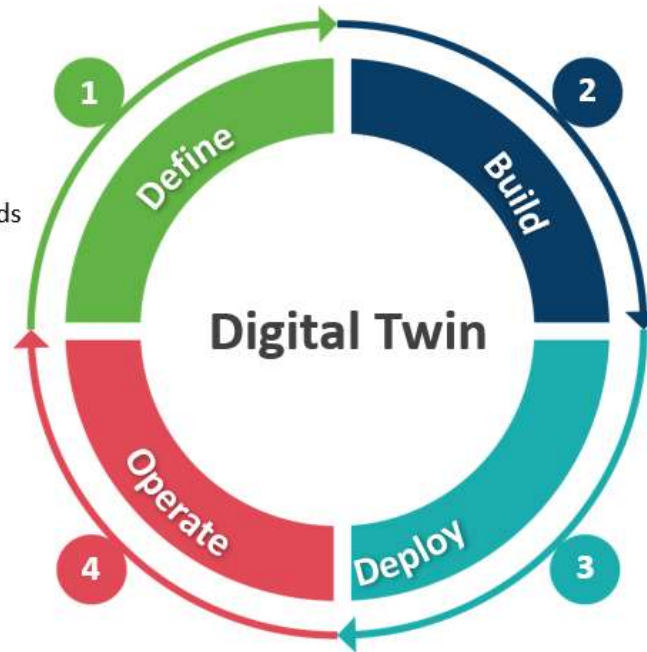
HCL Industrial Digital Twin Offerings

Consulting

- Study current Products/Assets/Processes
- Digital Twin Platform Selection
- Define Digital Twin & domain hierarchy
- Digital Twin Architecture & roadmap
- Analyze Real-Time Data & Virtual Sensor needs
- Blueprint of Digital Twin implementation

Run and Support

- Add / retire products, devices, templates
- Onboarding new users / geographies
- Update business rules
- Maintain applications / translations, enterprise systems integration
- Backend support for report generation



Develop the Digital Twin

- Develop DT Model mirroring the real-asset
- Digital Twin Apps & IoT dashboard creation
- Simulation/Behavior Models, ML Models
- Scene Creation for 3D Visualization
- Device Templates , Alerts, Notifications
- Integrations with PLM, ERP, Asset Management System

Deploy

- System Validation & hand-over
- Deploy runtime in operation
- Change management
- Training across groups, sites
- Go-to-production

Technology



DT Platform



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Execution



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