Accelerating digitalization for medical device companies
From best-in-class tools to integrated solutions

Digital threads interconnect lifecycle domains to streamline collaboration from design through manufacturing and use.

The Siemens digital enterprise shortens the innovation lifecycle and increases speed, efficiency and agility. You can realize great product ideas for high-quality devices everywhere, at any time.

Intelligent design control
- Benefits: Improved approval predictability, Reduced submission deficiencies, Reduced prototyping cycles, Rapid response to regulatory objections
- Siemens solutions: Polarion, Simcenter, Teamcenter, Tecnomatix, Siemens Opcenter Execution Medical Device and Diagnostics

Design excellence
- Benefits: Improved product quality, Reduced program risk, Reduced development costs, Increased resource throughput
- Siemens solutions: Polarion, NX CAD, Simcenter, Tecnomatix, Product Intelligence, Mentor

Operational excellence
- Benefits: Intelligent design control, Inventory and cycletime reduction, Improved productivity and asset utilization, 5Ms enforcement and improved quality
- Siemens solutions: Tecnomatix, Product Intelligence, Siemens Opcenter Execution Medical Device and Diagnostics

Product quality and compliance excellence
- Benefits: Reduction of defects and product recall, Faster services and improved customer experience, Reduction of costs of poor quality
- Siemens solutions: Polarion, Simcenter, Teamcenter, Tecnomatix, Siemens Opcenter Execution Medical Device and Diagnostics

Design/make anywhere
- Benefits: Agility for process transfer across the enterprise, Consistency for process transfer across the enterprise, Reduction of process transfer variation
- Siemens solutions: Teamcenter Manufacturing, Tecnomatix, Product Intelligence Siemens Opcenter Execution Medical Device and Diagnostics

Personalization and additive manufacturing
- Benefits: Personalization, Creation of novel geometry, H&I and load optimization
- Siemens solutions: NX, Simcenter, Teamcenter Manufacturing