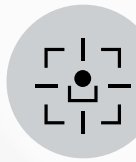


Accelerate **Product Lifecycle Transformation** in **Medical Device**

Significant disruptive pressures are **driving transformation within the medical device industry** today:



Digital disruption in business and operating models



Regulatory focus shifting to model-based design, risk and manufacturing performance



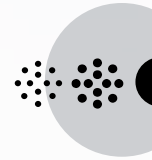
Fluctuating global economic conditions and uncertainty



Margin and cost pressures from shifting buying dynamics and GPOs



Increased data and analysis on patient and product performance



Industry consolidation and movement of large organizations to integrated operating companies

The imperatives for innovation and product development in medical device have never been more critical:

Breakthrough innovation through new, integrated systems incorporating digital technologies

Reimagined patient experiences through data and intelligence gathered from multiple value chain sources

Excellence in product quality, performance and data with full traceability through design, testing and manufacturing (FDA Case for Quality)

Efficiency in product development with improved margins and development pipeline throughput under resource constraints

Support for new technology development, digital design and centers of excellence

Medical device companies can transform their innovation and product development with product lifecycle management (PLM). **PLM provides integrated and closed-loop design, manufacturing and quality system capabilities to:**

Accelerate PLM ROI with Accel for Medical Device



Meet Product Quality, Safety and Compliance Standards

Drive Efficiency and Productivity

Reduce Costs and Drive Savings

Increase Throughput of Innovative New Products

Accelerated, leading-practice delivery model for faster PLM ROI

Designed to quickly deploy foundational PLM capabilities through agile methods

Pre-configured for rapid implementation with a "production-ready" validated software system

Based on industry-leading practices and implementations in innovation and product development in medical device

Built on PTC Windchill PLM platform + PTC ThingWorx internet of things (IoT) platform to provide an integrated approach to PLM that leverages IoT

Accel Benefits

- Reduced implementation cost and risk
- Faster time to deploy with "production-ready" validated software system, pre-defined security model, and reusable attributes and workflows
- Minimized configuration effort
- Improved user adoption via out-of-the-box capabilities and prepared training materials
- Faster realization of business objectives, benefits and ROI

Representative Engagements

\$70B Medical Equipment & Supplies Manufacturer

\$21B Electromedical & Electrotherapeutic Apparatus Manufacturer

\$3B Pharmaceutical Preparation Manufacturer

\$10B Medical Equipment & Supplies Manufacturer

Foundational Capabilities

| | | | |
|-------------------------------------|-------------------------------|------------------------------|--------------------------|
| Document Management DHF/DMR | Part Management | CAX Management | Promotion Request |
| Change Management | Electronic Signature | Roles and Access Control | Validation Documentation |
| Design Control Utility | Design History File Checklist | Project Management Dashboard | Requirements Management |
| CAPA / Complaints / Non-Conformance | Risk Management | Regulatory Submission | Learning Management |

Accelerate Your PLM Journey

Accel for Medical Device enables companies to quickly begin their PLM journey, start realizing the benefits and accelerate ROI. For more information about rolling out Accel to your company, contact:

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