Integrate excellence into all your devices

Harness the complexity of integrated, multi-disciplinary product design for optimized devices **with Siemens Design Excellence.**

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Trend #1

Expanding competition means new products need to be compliant and get to market faster.

Trend #2

Medical devices are increasingly complex as consumers demand easy to use smart and connected products.

Trend #3

Greater regulatory scrutiny is putting pressure on manufacturers to guarantee compliance and safety of their products.

Trend #4

New focus on digital evidence for device verification and validation.

Mastery of Design Excellence. Deploy digital solutions to navigate complexity and produce innovative, compliant devices.

Optimize design and performance of competitively differentiated, premium devices

A digital transformation of the design process is crucial to enable manufacturers to **master the complexity of today's** market by controlling development costs and timelines as well as enabling core design teams to function collaboratively.

Automation, standardization and optimization of product lifecycle process and design authoring leads to **cost savings and more rapid development**. Digitalization enables data to define, measure, analyze, improve and control the extraordinarily complex task of bringing a product to market.

Siemens Design Excellence is a multi-discipline design solution for optimized devices that allows globally distributed design teams to work with a common set of tools and provides a pathway to **design process mastery**.

Achieve this through streamlined engineering processes from concept to production on a cloud solution that unifies your entire product development in a single access portal.

In today's increasingly complex and competitive medical devices market, with an ever-changing regulatory landscape, **Siemens Design Excellence offers you a comprehensive digital design architecture**.

It combines digital evidence capabilities with the use of **simulation technologies** for virtual, digital performance testing of devices. This lets you to produce evidence for decision support and implement **verification and validation activities** that reduce costly physical tests and iterate quickly and efficiently using scalable, cloud-based collaboration technology.

That facilitates complete visibility, **collaboration** across the design process and built-in compliance which helps you maintain a **competitive edge** and will allow you to meet the needs of patients and medical institutions.

Siemens introduces Design Excellence in medical devices, a holistic digital solution that offers medical device manufacturers the technology they need to rise to the challenges of today's industry.

If you want to thrive in the highly complex medical devices industry, you need:

- **Advanced Design & Evidence Re-use** across products and programs. Data based – not document based – for intelligent platforming.

- **Robust, Concurrent Design** enabling quick domain specific progress with class leading design tools feeding into efficient workflow merges.

- **Design File Integrity** – accessible, integrated, high quality data throughout the product lifecycle for robust compliance and product maintenance.

- **Comprehensive Risk Management** traceability, application and decision support through requirements, design, and verification & validation.

- **Digital Evidence** to reduce costly physical tests and iterate quickly.

Master complexity in your design process to maintain a competitive edge and unlock your design potential with Siemens Design Excellence for Medical Devices.

About Siemens Design Excellence: Siemens Design Excellence is a multi-disciplinary design collaboration solution with multi-physics simulation capabilities which allows you to produce competitively differentiated, premium value medical devices.

For more information on Siemens Design Excellence solution, visit siemens.com/plm/de or follow us on LinkedIn and Twitter.

Siemens Design Excellence
Where today meets tomorrow.

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