Accelerate Equipment Design

Be faster, despite more design variants and growing complexity

Shorten time-to-market while increasing design quality. Master complexity and reduce risk.

Learn more at siemens.com/aed/ebook

5-20% Cost Savings

50% Reduce processing time

Increased customization and complexity risk, time-to-market critical to secure margins

Industry trends are increasing the complexity of heavy equipment

Market globalization
Electrification
Connected worksites
Autonomous operation

Manufacturers must SHIFT LEFT - You can only master complexity if you take control during the design stage.

Take control of multi-disciplinary design

Collaborate smoothly with an integrated design process

Driving mechanical design, electrical and electronics systems design and software development simultaneously is the only way you can be effective and escape from endless iterations.

Deploy an integrated, multi-disciplinary design approach, consisting of tools and workflows in which all stakeholders can collaborate on shared comprehensive multi-disciplinary models and common data.

Differentiate based on customized requests

Boost efficiency by driving commonality and reuse

Base product configurations on business-driven decisions prior to and independent from design.

Efficiently turn individual requests into a new machine or a detailed, precise and competitive bid for configure-to-order (CTO) and engineer-to-order (ETO) business models.

Achieve and prove design excellence

Build a solid brand and become a market leader

Help your customers achieve their goals and be compliant by understanding regulations and keeping all design stakeholders continuously focused on the requirements.

Ensure that you’re meeting industry standards by following a systematic verification and validation approach.

Accelerate Equipment Design

+ Reduce engineering time by removing design silos

+ Deliver agility while managing customization and globalization

+ Reduce time-to-market while improving design quality

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