

# Product engineering and development services

Improve efficiency. Drive innovation.

From strategy to design to launch, Deloitte helps manage and accelerate the full product lifecycle to transform operations today while leading tomorrow.

Contact us

## The best products begin with breakthroughs

It all starts with an idea—but a great concept goes nowhere without purposeful strategy, design, and engineering. Deloitte's global network and cross-industry experience in product engineering and development spans strategy, tax, supply chain and technology. We help organizations drive faster development cycles, spearhead digital thread transformation, boost research and development (R&D) productivity, and elevate product quality, turning complexity into competitive advantage.

Potential outcomes delivered:

20-30%

faster development cycles

10-15%

reduction in cost of quality issues

↑ 30-40%

operational efficiency gain

2X gains

in customer satisfaction

\*Numbers represent average benefits from Deloitte client projects, dependent on scope, industry, and type of transformation.

## Our product engineering and development services

Improve operational efficiency and drive agile product innovation by collaborating to create successful, differentiated products. We work with you throughout the end-to-end product development lifecycle to transform operations with next-gen technologies.



Product and R&D strategy



Product development efficiency



Organization and talent



Technology modernization

## Accelerators that drive operational and quality transformation

These tools and preconfigured solutions help assess capabilities and opportunities across the value chain, improving speed and agility while increasing product quality.

### Product lifecycle management (DPLM)

Turn development challenges into opportunities.

Find out more



### Manufacturing Execution Solution (MES):

Accelerating time to value on digital product development.

Find out more



## Experience-based models and approaches

We combine our industry experience with these benchmark models and approaches to assess an organization's capabilities across functions, helping build a strategic roadmap to accelerate business decisions and workforce transformation.

**Capability maturity models:** Benchmark tools and templates to assess product development capabilities across people, process, data and technology.

**Product development process models:** Industry-standard lean product development processes creating an environment in which processes are executed using platform engineering, model-based systems engineering, and simulation-based analysis in an integrated fashion.

**Portfolio optimization:** A data-driven approach to optimizing product portfolio to improve profitability and align with strategic growth priorities.

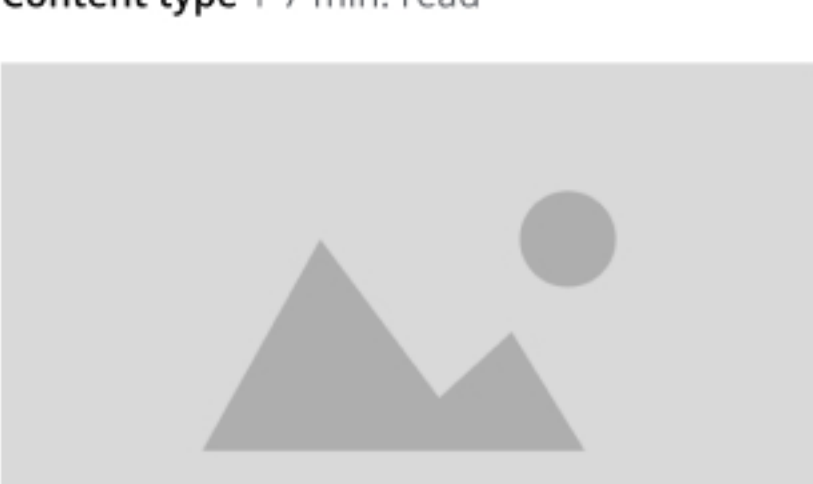
**Product commerce:** An attribute-based approach to design commercial models and enable new ways of monetization, improving speed to market.

## Industry and analyst recognition

2025 Gartner® Magic Quadrant™ for Custom Software Development Servic...

TBD

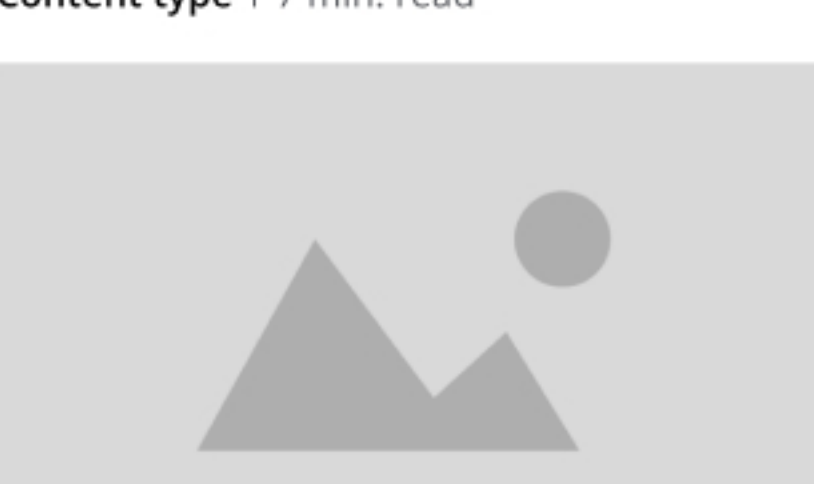
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Deloitte is a Leader in the 2024 Everest Group Engineering Services Top 50™

TBD

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Deloitte is a Leader in the inaugural IDC MarketScape Worldwide Data Modernizati...

TBD

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Deloitte scored highest among all providers in the Unique Products Use Case for the 20...

TBD

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## Key alliances

Deloitte anticipates and responds to changes within the market by collaborating with technology companies to stay ahead of the curve on new and emerging digital solutions. Our breadth of technology alliances include:

SIEMENS

Siemens Digital Industries Software

ptc®

PTC

DASSAULT SYSTEMES

Dassault Systems

ORACLE

Oracle

SAP®

SAP



### The Smart Factory by Deloitte @ Wichita

Our flagship experiential innovation center

Our product engineering and development solutions come to life in an immersive environment that connects the physical, digital, and experimental on a live production line, showing you anything is possible.

See for yourself

## Connect with us



**Tim Gaus**  
US Product Development & Operations Leader

[svenja@deloitte.co.uk](mailto:svenja@deloitte.co.uk)

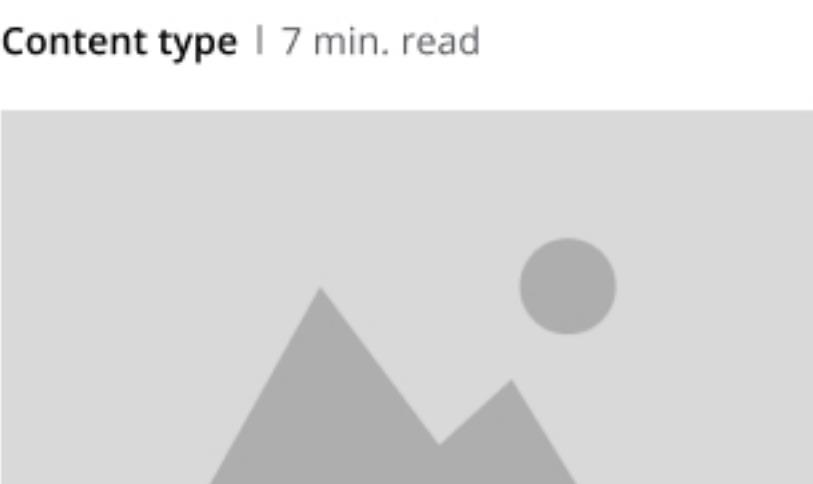


## Thought leadership

Can trust be automated? Compliance engineering shows it can be

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A model-based enterprise: The full value of MBE capabilities

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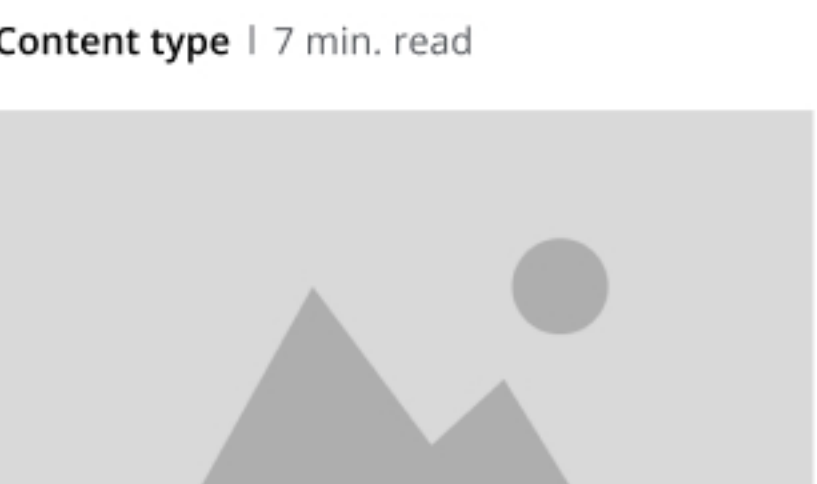
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Innovation in product development: Linking supply chain strategies with organiza...

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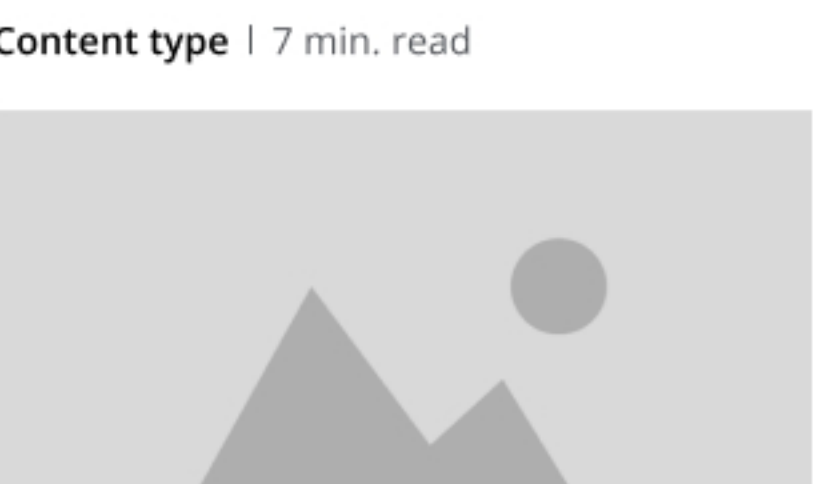
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5 steps to becoming a product-centric organization: How your organization can create lastin...

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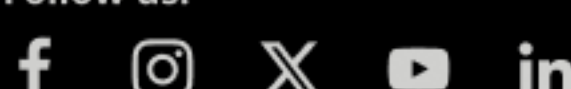
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### Product and R&D strategy

Identify key business levers and develop a roadmap to drive business value through product development transformation.

### Product development efficiency

Optimize business processes to improve time to market, product quality, and the ROI of your research and development.

### Organization and talent

Lead the organization through transformation and establish a sustainable operating model for your business and your people.

### Technology modernization

Maximize business value through packaged technology implementation in product lifecycle management (PLM), manufacturing execution system (MES), and quality management with AI-driven solutions.

## Mosaic: Modal Accelerators

### Product lifecycle management (DPLM)



By working with leading technology companies to drive growth and innovation, our preconfigured PLM solutions span modern engineering, end-to-end frameworks, and custom development to enhance the product lifecycle, including organizational change management specific to PLM.

Learn more

### Manufacturing Execution Solution (MES):



Enhance end-to-end digital transformations with our process-led, turnkey approach to MES implementation, a key enabler of the product life cycle digital thread. Our approach includes organizational change management specific to MES implementations.

Learn more

## Thought leadership

### How to enhance the product life cycle: Turning development challenges into opportunities



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### Product management for semiconductors: Strategies and solutions to drive growth



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### (WSJ) Sustainability in Product Development: How to Integrate ESG Considerations



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