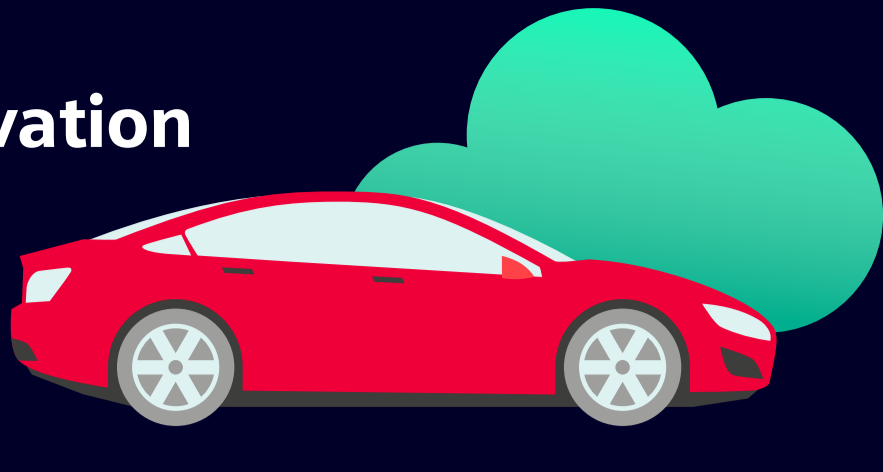


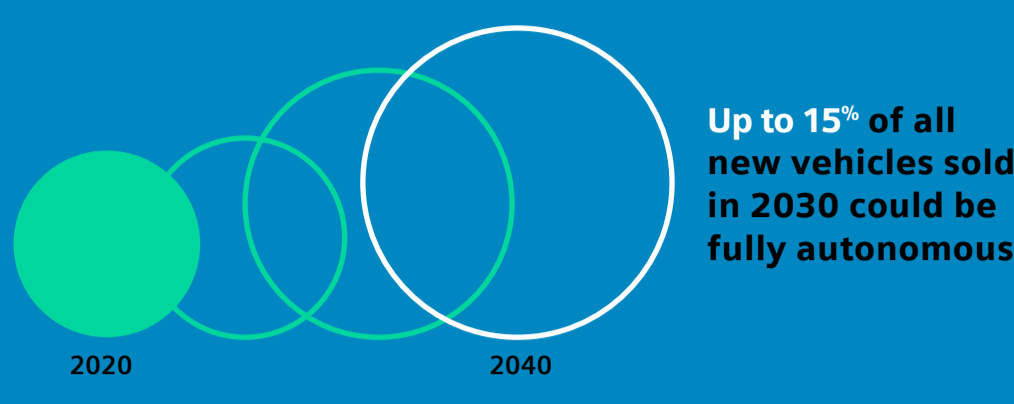
DIGITAL INDUSTRIES SOFTWARE

# Accelerate innovation by taking BOM management to the cloud



## Unprecedented change in the automotive industry...

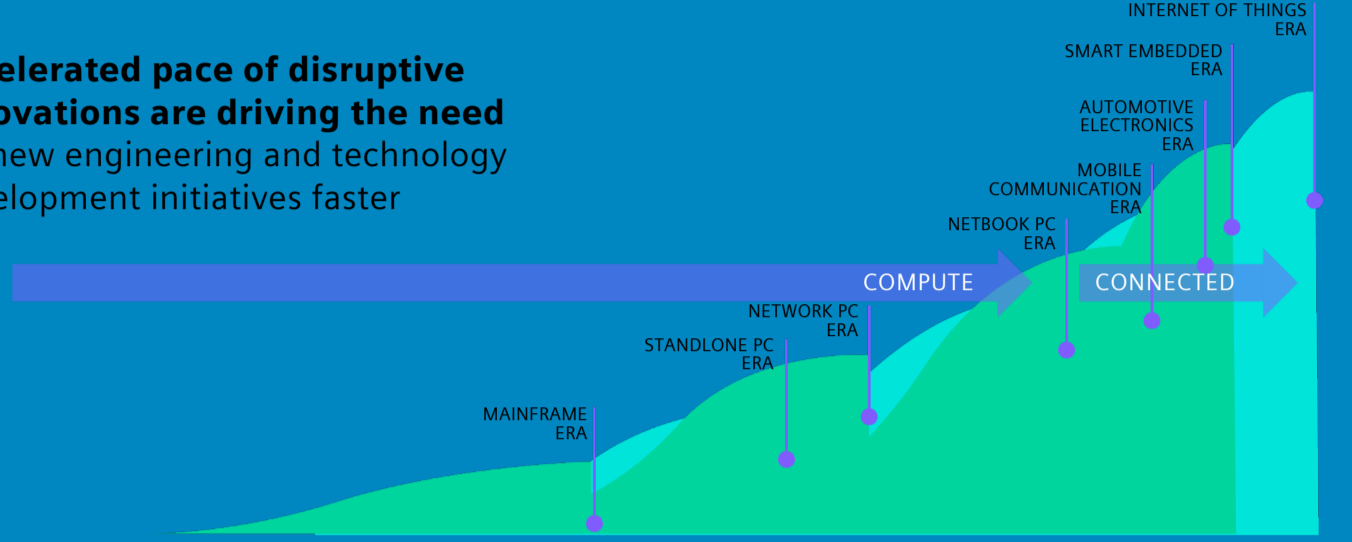
As you are pushing to develop the next generation of autonomous, electric, connected, and shared vehicles, which are becoming more and more "software-defined," you are facing new design challenges. How will you accelerate your product design and get it right the first time?



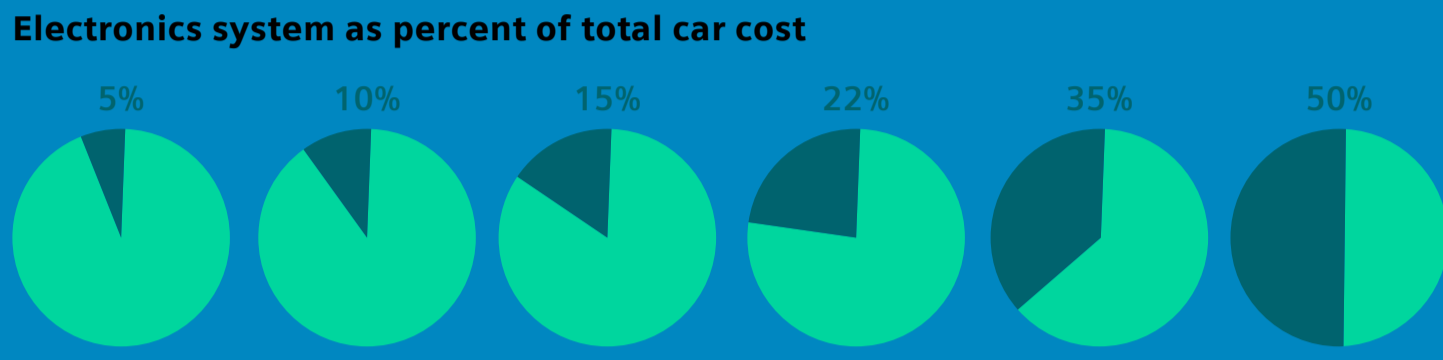
Source: McKinsey

### Rapid pace of innovation

Accelerated pace of disruptive innovations are driving the need for new engineering and technology development initiatives faster



### Electronics system as percent of total car cost



Source: Deloitte

### Explosion of complexity

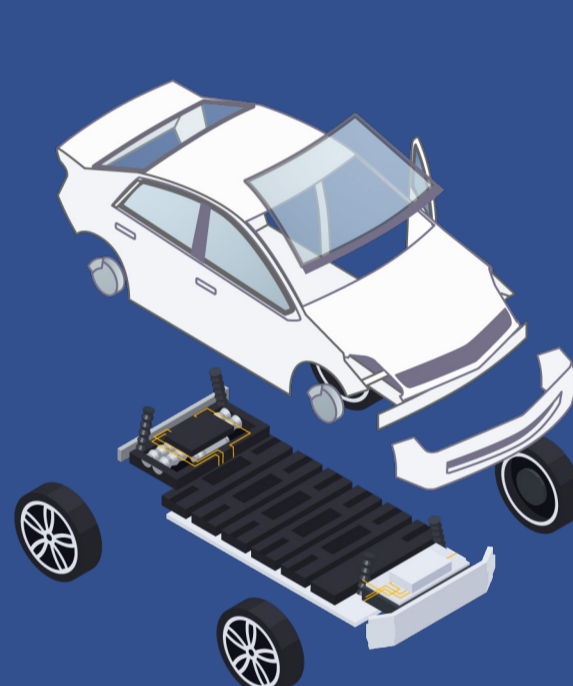
Intensified competition, changing consumer demands and increased regulatory requirements have caused an increased complexity.



## The Solutions

A single source of up-to-date information and requirements makes product data accessible to everyone working on the project, improving collaboration and accelerating product release.

## Digital transformation as an opportunity for innovation



An integrated bill of materials (BOM) forms a digital thread backbone with auditable data traceability from concept through production.



The BOM streamlines the product lifecycle by automatically aligning evolving design and engineering disciplines and connecting development with downstream processes.

## What should you do?

### BOM Management

Manage part release and effectivity with concurrent, collaborative, and coordinated multi-domain BOM authoring

### Change

Assess the impact of change across domains, then propagate and track those changes across modular products

### Configuration

Discover the variants that best meet targets and requirements across all domains with a unified definition of configuration

### Verification and Validation

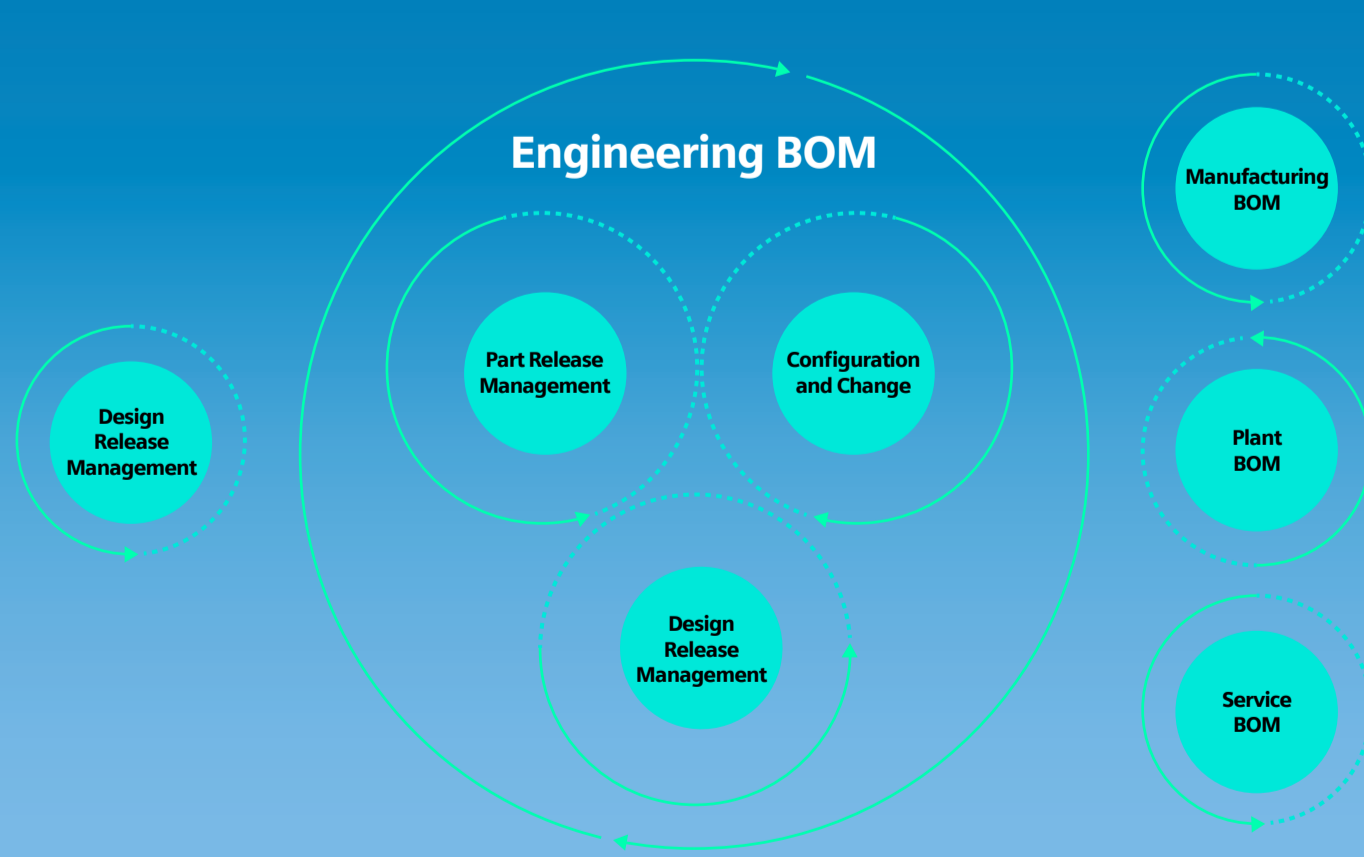
Automatically generate real-time 3D visualizations of any buildable product combination for continuous verification and validation

### BOM-driven DMU

Reduce the reliance on physical prototypes by using Design-aligned BOM-driven digital mockups for early digital validation

## Siemens Accelerated Product Development

To better develop today's and next generation products, you need an integrated digital thread approach to your product bill-of-materials, enabling efficient and effective BOM management as it evolves across the lifecycle.



Integrated Change Management

Unified Product Configuration

## It's time to take BOM to the cloud

Discover more about Teamcenter X

Free 30 Day trial

