

Capgemini

DS DASSAULT
SYSTEMES



EVOLVE TOWARDS AN INTELLIGENT MODEL-BASED SYSTEMS APPROACH

with Model-Based Systems Engineering (MBSE)
from Capgemini and Dassault Systèmes

Competitive and regulatory pressures are forcing industrial businesses to create products and services that are more intelligent and connected. However, this increased complexity also makes them more difficult to design, assemble and manage across multiple domains.

That's why Capgemini and Dassault have come together. We turn engineering complexity into competitive advantage by using the latest MBSE techniques and solutions to specify system behavior, master interfaces and ensure cross-discipline collaboration.

Our comprehensive range of accredited industry-best-practice tools drive integration, consistency and add value across the entire engineering and manufacturing ecosystem to help you improve every phase of the lifecycle with greater automation, risk reduction and reuse.

Together we unlock value and help you to transform

Dassault Systèmes

3DEXPERIENCE Platform and technologies to extract maximum value from MBSE throughout the lifecycle.

Capgemini

MBSE strategy and solutions aligned to business objectives to help you transform.

MBSE IS CENTRAL TO OUR VISION FOR A MORE CONNECTED AND EFFECTIVE ENGINEERING AND MANUFACTURING DIGITAL ECOSYSTEM



ENABLE DIGITAL CONTINUITY

We break down legacy siloes and connect your systems end-to-end, even across heterogenous environments.



CONQUER SYSTEM COMPLEXITY

We overcome system complexity by shifting from a document-based approach to a model-based one, for consistency and risk reduction.



IMPLEMENT INDUSTRY BEST PRACTICE

We leverage best practice MBSE tools and techniques to maximize the model-based opportunity, so you gain a competitive edge.

WE APPROACH MBSE TRANSFORMATION AT THREE LEVELS

We recognize that every organization is unique and that many already have a long history with systems engineering. That's why our approach aims to "meet your team where they're at" so we can address your specific needs, no matter what challenges you face.



LEVEL 1

Systems engineering consulting

We support strategic business ambitions with an ROI-oriented transformation roadmap.

Assessment and business strategy

We offer a fast assessment that supports strategic ambitions with an ROI-driven transformation roadmap.

Enterprise architecture strategy

We ensure architecture is implemented and delivered in a way that aligns with all facets of your business.

Transformation support

We develop, lead and support major integrated transformation projects across multiple business units.



LEVEL 2

Transformation and implementation

We help implement best-in-class methods and tools at scale to modernize your business in line with industry standards.

Digitalization and visualization

We virtualize systems to improve design through simulation. As well as deliver automation, certification and digital twins.

Collaborative engineering

Collaboration is enabled through digital continuity transformation, ontology and data modelling at scale.

Process automation

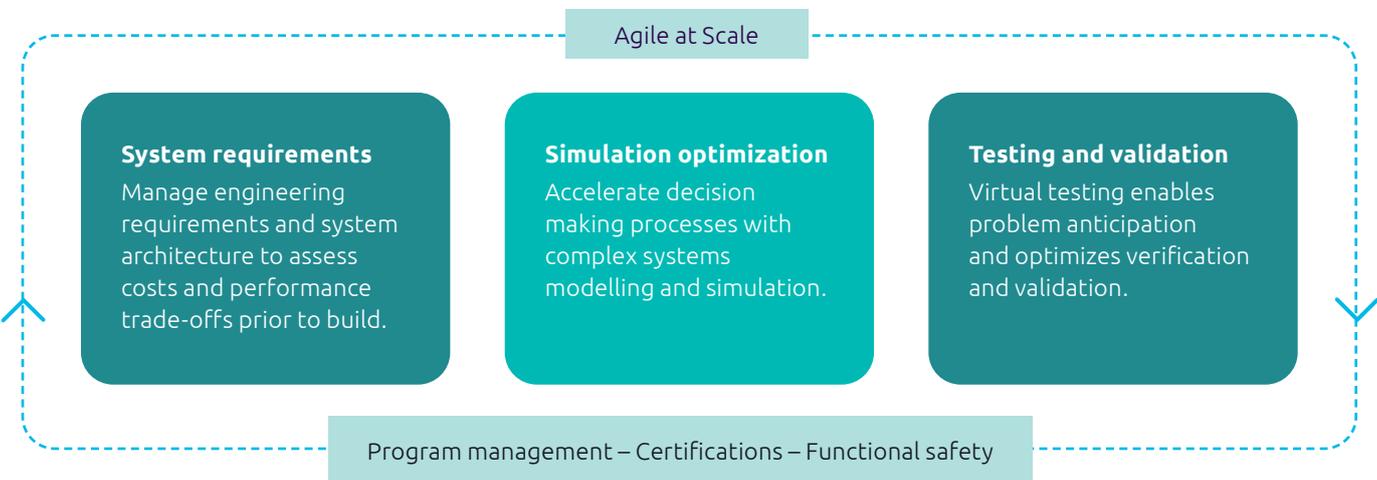
Co-design manufacturing improves the processes between functions and is accelerated by implementing agile-at-scale methods.



LEVEL 3

Engineering-as-a-service

We implement best in class solutions with industry know-how and IT across the entire lifecycle using an agile at scale method.



WHAT SETS US APART?

With thousands of MBSE experts and over 20 years of investment and development, you know you're working with one of the most trusted partners in the industry.



Development

Our unique maturity model guides the iterative development of your MBSE capabilities.



Academy

We offer in-depth training, on-line and in-person, to support your staff becoming MBSE certified.



Ecosystem

We draw on an extensive network of international MBSE and industry standard providers such as INCOSE.



Labs

Our MBSE labs are located around the world and focus on solution benchmarking for various industries.

READY TO TAKE THE NEXT STEP IN YOUR JOURNEY?

For more information, please contact our experts at digitalcontinuity.global@capgemini.com

About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 270,000 team members in nearly 50 countries. With its strong 50 year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fuelled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2020 global revenues of €16 billion.

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