

Capgemini

DS DASSAULT
SYSTEMES



EVOLVE TOWARDS AN INTELLIGENT ENGINEERING LIFECYCLE EXPERIENCE

with Digital Engineering Lifecycle Management (DELM)
from Capgemini and Dassault Systèmes

Competition from new entrants, combined with customer pressures to deliver more complex products faster, requires you to work smarter by improving process efficiency and product innovation in your engineering activities.

While traditional product lifecycle management (PLM) can help to address this complexity, legacy systems limit the ability to harness data throughout the value chain, preventing you from embedding intelligence into your business processes.

That's why Capgemini and Dassault Systèmes have come together. We help clients evolve from a traditional PLM approach, constrained by fragmented and disjointed legacy systems, towards a smarter, more collaborative paradigm.

Together we unlock value and help you to transform

Dassault Systèmes

Platform and technologies to extract maximum value from engineering, manufacturing, and broader lifecycle activities.

Capgemini

Strategy and solutions aligned to business objectives to help you transform.

DELM HELPS YOU TO OVERCOME THE CHALLENGES ON YOUR JOURNEY TOWARDS BECOMING AN INTELLIGENT ENTERPRISE

Disjointed legacy systems

Business units and employees cannot share ideas and collaborate around activities and processes in an efficient way.



Poor lifecycle visibility

Decision makers are unable to gain a single real-time view of the lifecycle making it difficult to spot opportunities for lifecycle improvement and innovation.



Incongruent siloed data

Data is isolated and unable to be utilized for analytical insights, making informed decision-making and agility hard to achieve.



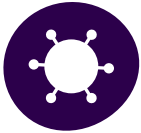
Lack of business-aligned vision

Many organizations lack a clear business-led and aligned strategy that considers all aspects of the lifecycle end-to-end.



OUR NEXT GENERATION LIFECYCLE SOLUTIONS

Our next generation Digital Engineering Lifecycle Management tools and approach apply to the entire lifecycle using collaborative processes, while enhancing product performance and innovation using simulation and digital twins.



Collaborative business processes

Using a single source of truth of the product, we help improve collaboration, process efficiency and productivity.



Simulation and digital twin

Leveraging digital twins to enable greater innovation at lower cost, we help you enhance product design while avoiding real-world failures.

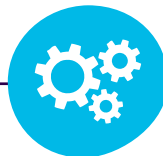
Supporting the entire product lifecycle



IMAGINE



DESIGN

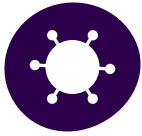


PRODUCE



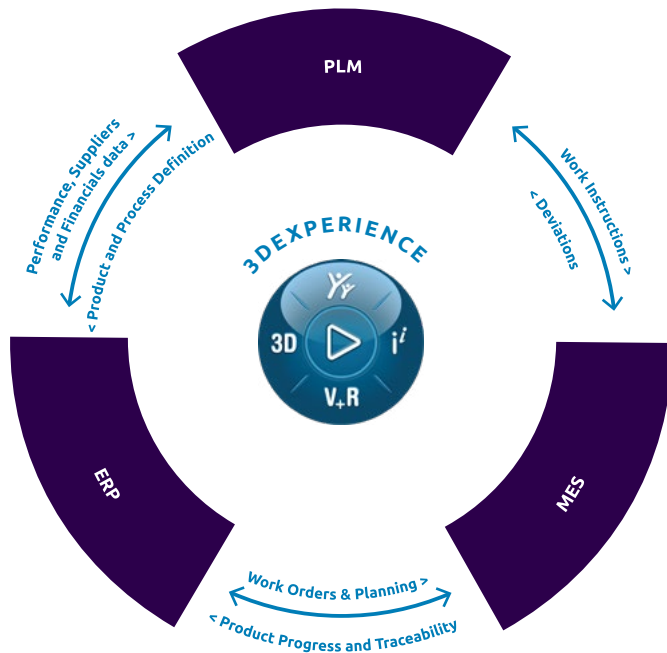
SUPPORT





Digital Continuity

Digital continuity is the key to collaborative business processes; that's why we enable a consistent digital thread using the Dassault Systèmes 3DEXPERIENCE platform that allows data to flow where it's needed in a continuous loop throughout the digital ecosystem.



Key outcomes:



Singular data-centric view

Unified virtual view through a single platform allowing collaboration across functions.



Production execution, orchestration and tracking

Real-time monitoring and tracking to optimize execution and planning.

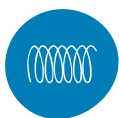


Planning and finance

Accurate business planning preparation thanks to validated process through simulation, which enables the optimization of supply chain flows.

FOSTER COLLABORATION AND IMPROVE EFFICIENCY WHILE MINIMIZING RISK

Business collaboration ensures product and system design is streamlined, which supports future customer-centric evolution while reducing risks by linking product requirements with regulatory needs.



Streamline product-related processes

Automate and synchronize different functions and streamline cross-border processes.



Manage configurations with a single system

Drive product evolutions using data to track how a product was designed, manufactured and serviced.



Use data to improve operational efficiencies

Drive customer-centric innovation and operational efficiencies by leveraging data from products and customers.



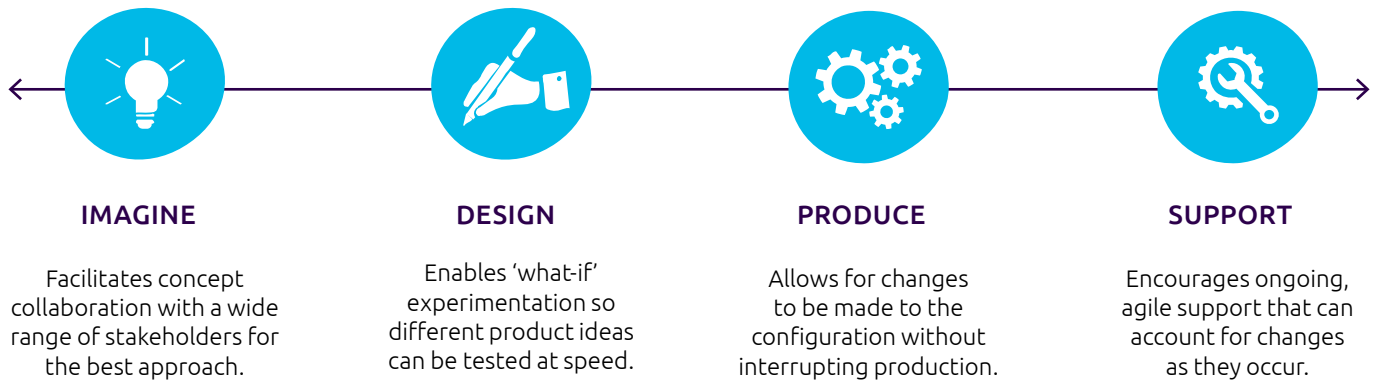
Link product requirements with regulatory needs

Address cyber threats and ensure regulatory compliance, to not only meet product requirements, but avoid reputational and financial risks.



Simulation and digital twin

The digital twin offers a virtual representation of how products/assets should be engineered, manufactured and improved throughout the lifecycle phases, while avoiding costly and time-consuming real-world failures. It adds value at every phase of the product lifecycle:



ENABLE SUSTAINABLE INNOVATION WHILE REMAINING AGILE

Simulation and digital twins allow you to identify opportunities early on, and to experiment with innovation while minimizing risks.



Sustainable innovation

Provides an ability to continually innovate using virtual 'what-if' scenarios at low cost.



Data-driven insights

Allows for a singular real-time view with deeper insights and informed decision making.



Risk mitigation

Avoids costly and time-consuming real-world failures with virtual simulation.



Business agility

Facilitates faster and less costly product introduction, fabrication, and maintenance.

WHAT SETS US APART?



Leading engineering partner

End-to-end technology, engineering and transformation expertise.



Unique execution method

Results-oriented method delivers with speed, transparency and adequate governance.



Bespoke industry solutions

Deep domain industry knowledge informs bespoke industry-specific solutions.



Proprietary accelerators

Accelerators, frameworks, and 'factories' reduce time to value, with less risk.

READY TO TAKE THE NEXT STEP TOWARDS LIFECYCLE INTELLIGENCE?

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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