

Capgemini

DS DASSAULT
SYSTEMES



IMPLEMENT AN INTELLIGENT APPROACH TO PLANNING ACROSS YOUR ENTIRE VALUE CHAIN

with Advanced Planning and Scheduling
from Capgemini and Dassault Systèmes

Planning and scheduling plays a pivotal role in complex industrial processes; however many organizations struggle to gain the oversight and control needed to make their planning more efficient, agile and intelligent.

That's why Capgemini and Dassault Systèmes have come together. Our Advanced Planning and Scheduling (APS) proposition provides planners and schedulers with deeper insights and more visibility, so they have the ability to make smarter planning decisions and optimize their planning activities end-to-end.

Together we unlock value and help you to transform

Dassault Systèmes

Transformative business and innovation platform to enable operational excellence and resiliency.

Capgemini

Planning strategy, solutions and methodology aligned to objectives to enact business transformation.

We help you overcome significant planning challenges

Siloed data inhibits holistic planning

Disparate data sources ranging from historical to leading indicators along with sheer volume make siloed IT systems unreliable and unsustainable for continuous planning optimization.

Complex scheduling makes agility difficult

There is a multitude of factors that affect the plan and require constant adjustments and detailed, continuous monitoring.

Inability to gain proper oversight and control

Without the right tools, gaining complete visibility and oversight over planning can be difficult, making maintenance and control difficult for planners.

Leadership misaligning on performance measurement

Organizations have a general lack of understanding of what a good plan is, making it difficult to measure its quality and agree on the parameters to prioritize.

OUR ADVANCED PLANNING AND SCHEDULING PROPOSITION

Our solutions provide complete control over all aspects of your planning and scheduling so you can become more agile and increase service levels, while improving efficiency and reducing operational costs.

VISIBILITY

Our data-driven tools provide complete visibility of your planning activities so you can address challenges as they arise.

AGILITY

We enable more informed planning decisions, so you remain agile with the ability to satisfy customer needs and improve service levels.

EFFICIENCY

Better planning helps to minimize overhead and inventory costs, while improving staff utilization and productivity.

IMPROVE EVERY ASPECT OF YOUR PLANNING

With DELMIA Quintiq at the center of every implementation, we empower planners to deliver robust data-driven planning, scheduling and continuous optimization for complex industrial processes, so you can better manage your workforce, supply chain and manufacturing operations.



Workforce planning and optimization

Improve staff utilization and employee productivity by striking the right balance between operational efficiency, regulations and employee and customer satisfaction.

Increase employee productivity

- Optimize staff utilization
- Improve employee satisfaction
- Increase staff retention

Enhance workforce planning accuracy

- Reduce staff planning time
- Improve planning cycle time
- Gain more oversight and control

Improve operational effectiveness

- Avoid delays and disruption
- Identify cost saving opportunities
- Improve margins and revenue



Supply chain planning and optimization

Model and optimize your supply chain network performance from inbound supply to manufacturing to outbound delivery and transport. Gain control, visibility and lasting resiliency across your entire value network.

Reduce overhead and costs

- Reduce inventory and transport costs
- Optimize capacity utilization
- Reduce overhead and waste
- Improve sustainability

Increase inventory output

- Improve delivery performance
- Keep up with customer demand
- Improve customer satisfaction

Enable business agility

- Collaborate closely with customers and suppliers
- Minimize planning effort
- Improve management information
- Gain control and allow for adjustments



Production planning and optimization

Maximize the efficiency of your manufacturing process flow by balancing your production needs with your available resources in the most cost-effective manner.

Increase production efficiency

- Allocate resources efficiently
- Identify inefficiency in the production chain
- Reduce wasted resources and investment in inventory

Improve production processes

- Smooth production processes
- Achieve regular and timely delivery
- Meet customer orders in a cost-effective manner

Avoid downtime and delays

- Reduce equipment downtime
- Minimize disruptions and delays
- Improve process efficiency

POWERED BY DELMIA QUINTIQ

Our APS solutions are based on DELMIA Quintiq, the engine that drives every implementation, running in the background to ensure that you can build and optimize the best plans against your unique business challenges and goals - quickly and with confidence.

Key capabilities include:

- State of the art optimization capabilities
- Predictive and prescriptive data analytics
- Forecasting
- 'What-if' scenario planning
- Collaborative decision-making
- Disruption handling
- Production scheduling



Model, plan and optimize your business operations from end to end.



Plan and optimize complex production value networks.



Optimize intricate logistics operations.



Plan and schedule large, geographically diverse workforce.



WHAT SETS CAPGEMINI APART?

We're planning specialists with unique end-to-end services and accelerators that set us apart from the competition.

- 20+ years of experience with APS
- Over 100 projects delivered
- A worldwide pool of 100+ skilled APS resources
- Pioneers in delivering APS (Delmia Quintiq) solutions using an Agile-Scrum methodology



Leading engineering partner

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



Bespoke industry solutions

Deep domain industry knowledge informs bespoke industry-specific solutions.



Unique execution method

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



Proprietary accelerators

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

READY TO TAKE THE NEXT STEP TOWARDS PLANNING 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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