EVOLVE TOWARDS MORE INTELLIGENT PART SOURCING AND STANDARDIZATION

with Advanced Analytics for Procurement
from Capgemini and Dassault Systèmes

Customer demand for smarter, more innovative products has increased pressure on manufacturers to deliver greater product differentiation and customization. This in turn adds complexity and creates a proliferation of parts, products and components.

That's why Capgemini and Dassault Systèmes have come together. We help you overcome this complexity by identifying opportunities to simplify and rationalize part sourcing and design.

Using the advanced analytics capabilities of Dassault Systèmes' NETVIBES, we improve part standardization, drive part reuse and improve 'make vs. buy' decisions, so you can reduce costs, improve efficiency and unlock value in your procurement activities.

Average cost savings of up to 15% can be achieved from a sourcing program.

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.

UNLOCK THE POWER OF ANALYTICS TO OPTIMIZE PART SOURCING AND PROCUREMENT

LONG-TERM COST REDUCTION

Optimize supplier selection and part performance to improve the total cost of ownership (TCO) over the long-term.

INSIGHT-DRIVEN VALUE GENERATION

Gain insights to forecast supply, uncover competitor analysis and improve scenario planning.

ENTERPRISE COLLABORATIVE EFFICIENCY

Improve decision making and enable real-time collaboration for enterprise efficiency and procurement optimization.

INTRODUCING DASSAULT SYSTÈMES NETVIBES

Using Dassault Systèmes solutions, we provide you with greater visibility and automation over your procurement activities to improve decision making and productivity while reducing costs.

Automate part standardization

Compare, categorize and standardize legacy parts thanks to machine learning models and artificial intelligence, leveraging 3D shape similarity.

Part categorization
Group similar parts based on shape and attributes.

Family classification
Create family groups and assign classifications for easy sharing.

Assembly optimization
Compare each part of an assembly to legacy assets and optimize.

Key benefits:

✔ Reduces part duplication

✔ Flags preferred parts/vendors

✔ Supports automated catalogue updates

✔ Maintains control of duplicates

Enable part reuse

Drive large-scale part reuse by providing intuitive user navigation, fast query processing, and combined semantic and shape search features.

Legacy part search
Search for legacy parts, assemblies and drawings.

Part identification
Compare part details against similar parts and investigate part relations.

Embed reuse into design
Drive reuse by embedding preferred part into design.

Key benefits:

✔ Reusable parts can be made cheaper

✔ Reusable parts can be made faster

✔ Save time and free up employees

✔ Reduce held inventory

Improve make vs. buy decisions

Provide engineering and product teams with the right business and engineering information to make the most informed decisions on whether to make or buy.

Part comparison
Compare parts with mechanical feature mining.

Visualization and sharing
Visualize and share part details to improve decision making.

Identify new sources
Identify and add new part sources and schedule scans for certain parts.

Key benefits:

- ✔ Reduce product development time

- ✔ Improve production planning

- ✔ Facilitate collaboration at speed

- ✔ Identify cost savings

Support knowledgeable part sourcing

Once a decision is made to buy parts, allow procurement to source them externally with an intuitive interface that provides comparisons and an ability to contact a supplier of your choice.

Information access
Access a database of tens of millions of parts and more than 1,000 suppliers worldwide.

Part comparison
Compare sourced parts and identify the relevant one.

Supplier contact
Contact the chosen supplier directly with up-to-date part information.

Key benefits:

- ✔ Access a wider range of suppliers

- ✔ Speed up comparison decisions

- ✔ Save time searching for a supplier

- ✔ Decrease costs with bulk-buying

- ✔ Decrease risks

- ✔ Optimize your supply chain

WHAT SETS CAPGEMINI APART?

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 PROCUREMENT INTELLIGENCE?

For more information, please contact our experts at
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About Capgemini

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