



ENOVIA Variant Configuration Experience

Product Objective

With ENOVIA® Variant Configuration Experience, product engineers can decrease design diversity by leveraging the functional product definition and accomplish the following key benefits:

- Evaluate design feasibility of new product configurations.
- Leverage the functional product structure definition to drive the generation of physical solutions (engineering bills of material) with parts previously designed to fulfill marketing requirements.
- Ensure reuse for future product concepts by identifying parts that satisfy new feature capabilities.

Product Overview

With ENOVIA Variant Configuration Experience, product engineering can utilize the system engineering definition of a product for design feasibility analysis. Product engineers can define configurations for evaluation purposes in order to reduce unnecessary product diversity and prevent invalid feature combinations that are not technically supported. With ENOVIA Variant Configuration Experience, product engineers can:

- Search for product configurations based on selected features to improve part re-use and minimize feature proliferation.
- Create new product configurations for commercial release or for evaluation.
- Generate Engineering Bills of Material (EBOMs) based on customer specific product configurations that satisfy Design-To-Order/Engineer-To-Order demands.
- View the logical feature decomposition and compare it against existing designs to maximize the reuse of existing parts.
- View customer configurations to assess the needs and validate against existing product designs.

Name	Qty	Lk. Price	Est. Price
Front Panel w/LCD Monitor	1	0.00	0.00
Black	1.0	0.00	0.00
Silver	1.0	125.00	125.00
Blue	1.0	25.00	25.00
Capacity	1	0.00	0.00
25 cu. Ft.	1.0	200.00	200.00
27 cu. Ft.	1.0	0.00	0.00
Rating	1	0.00	0.00
110 V.	1.0	25.00	25.00
220 V.	1.0	0.00	0.00
Material	1	0.00	0.00
Yes	1.0	95.00	95.00
No	1.0	0.00	0.00
Material	1	0.00	0.00
Black	1.0	285.00	285.00
Blue	1.0	0.00	0.00
Silver	1.0	55.00	55.00
Weight	1	0.00	0.00
25 lbs.	1.0	0.00	0.00
30 lbs.	1.0	0.00	0.00
Shipping Date	1	0.00	0.00
	1.0	0.00	0.00
Total Price			\$1,000.00

Key Customer Benefits

- Reduce unnecessary product diversity and avoid invalid product configurations
- Streamline the product definition and development process
- Maximize part re-use
- Minimize part proliferation

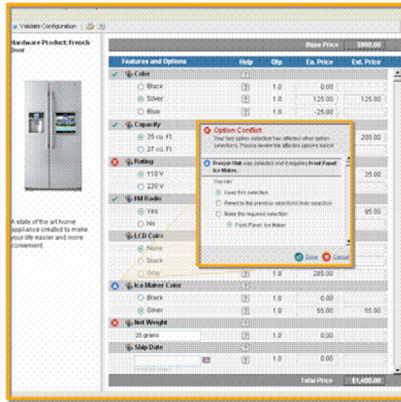


Product Highlights

Key features and capabilities include:

Search for Existing Product Configurations

ENOVIA Variant Configuration Experience helps companies reduce unnecessary product diversity and increase product reuse by allowing product engineers to search for existing configurations that satisfy market needs.



Product Configurator

Sales engineers can meet the unsatisfied needs of their customers by using the product configurator to define new products. For a build-to-market business model, system engineers can pre-define product configurations that are published in a company's product catalog. In addition, system engineers can create partial configurations for the products they are responsible for that are available to cross functional groups to define further. In order to maximize the re-use of configured accessories and service parts, engineers can create product configurations at any level of the feature hierarchy. When product configurations are created at the sub-feature level, a



Item	Part	Type	Qty	Ref Desc	Component	Description	State	Qty	U of M	Miss
1	FrenchDoor.LFC23984	Assembly	1.0			This is the top level assembly for product config	Create	1.0	EA (each)	Stand
2	1	Part	1.0	R.1	Front Door	Front Door	Create	1.0	EA (each)	Stand
3	2	Part	1.0	R.1	Dispenser	Dispenser	Create	1.0	EA (each)	Stand
4	3	Part	1.0	R.1	Temperature Control LCD	Temperature Control LCD	Create	1.0	EA (each)	Stand
5	4	Part	1.0	R.1	Top Maker	Top Maker	Create	1.0	EA (each)	Stand
6	5	Part	1.0	R.1	Back Cover	Back Cover	Create	1.0	EA (each)	Stand
7	6	Part	1.0	R.1	Condenser Coil	Condenser Coil	Create	1.0	EA (each)	Stand
8	7	Part	1.0	R.1	Power Board	Power Board	Create	1.0	EA (each)	Stand
9	8	Part	1.0	R.1	Water Distribution	Water Distribution	Create	1.0	EA (each)	Stand
10	9	Part	1.0	R.1	Internal Unit	Internal Unit	Create	1.0	EA (each)	Stand
11	10	Part	1.0	R.1	Cooling System	Cooling System	Create	1.0	EA (each)	Stand
12	11	Part	1.0	R.1	Compressor	Compressor	Create	1.0	EA (each)	Stand

bill of materials can be generated and submitted to engineering for verification and release. The newly generated top level part assigned to the feature's configuration is back-annotated and re-used with the feature's part table.

BOM Generation

ENOVIA Variant Configuration Experience enables product engineers to generate an engineering bill of material (EBOM) for engineer to order (ETO) business models or a precise bill of material (PBOM) for build-to-order business models. A BOM Preview dialog allows users to preview selected parts based on the chosen marketing features and evaluated part inclusion rules.

Issue Resolution and Change Management

ENOVIA Variant Configuration Experience uses a cross-functional change process that helps product engineers systematically introduce necessary product diversity to the design process. Conversely, product engineers can raise issues and engineering changes against products or features in order to further explore reuse opportunities.

The Role of ENOVIA V6 and PLM 2.0

ENOVIA Variant Configuration Experience supports PLM 2.0, product lifecycle management online for everyone, and the ENOVIA V6 values: global collaboration innovation, single PLM platform for intellectual property (IP) management, online creation and collaboration, ready to use PLM business processes, and lower cost of ownership.

About ENOVIA

ENOVIA is the recognized leader in delivering collaborative PLM solutions. We enable companies from a broad range of industries to dramatically accelerate innovation, time-to-market and revenue generation by collaboratively developing, building and managing products. Our solutions facilitate the sharing of concepts, content and context across product lifecycles and throughout value chains of employees, customers, suppliers and partners.

ENOVIA collaborative PLM solutions help global enterprises bring together people, processes, content and systems to achieve a compelling competitive advantage. Our interoperable solutions unify and streamline processes across the product lifecycle, enabling companies to easily and cost-effectively work on projects within and outside of their enterprises. Our adaptable, scalable technology is built to accommodate the ever-changing marketplace.

About Dassault Systèmes

As world leader in 3D and Product Lifecycle Management (PLM) solutions, the Dassault Systèmes group brings value to more than 90,000 customers in 80 countries. A pioneer in the 3D software market since 1981, Dassault Systèmes develops and markets PLM application software and services that support industrial processes and provide a 3D vision of the entire life cycle of products from conception to maintenance. Our offering includes integrated PLM solutions for product development (CATIA®, DELMIA®, ENOVIA®, SMARTEAM®), mainstream product 3D design tools (SolidWorks®), 3D components (Spatial/ACIS®) and SIMULIA®, DS' open scientific platform for realistic simulation. Dassault Systèmes is listed on the Euronext Paris (#13065, DSY.PA) stock exchange. For more information, visit 3ds.com.



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