

# Federated eBOM for ENOVIA MatrixOne

**PROSTEP**  
integrate the future

POWERED BY  
**OPENPDM**<sup>®</sup>

Integration of ERP, TDM, PDM and Requirement Management systems is fundamental for the Extended Engineering Enterprise.

**Federated eBOM**<sup>®</sup> by PROSTEP links ENOVIA MatrixOne to a variety of external sources and helps customers accelerate their collaborative development process by enabling all relevant PLM information to be centrally managed, reducing cycle time and driving product innovation.

By providing **Integration** with enterprise systems like SAP, Agile ePLM6, Teamcenter Engineering, Windchill or Telelogic DOORS via Federated eBOM<sup>®</sup>, Federated eBOM<sup>®</sup> allows for seamless access to all product data and properties in multiple source systems.

Federated eBOM<sup>®</sup> allows **searches** across the domain to find relevant information and to cross link the results into ENOVIA MatrixOne for centralized management and workflow.



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## Federated eBOM<sup>®</sup> supports ENOVIA MatrixOne (Matrix)

- Read information from back-end systems into Matrix including; requirements, engineering and meta data data.
- Seamless Navigation of related structures and files in Matrix and source systems.
- View related files: assemblies, parts and drawings, and other types of data from a variety of sources.
- Robust Reporting of federated attribute information.
- Review change management states from various sources.

## Federated eBOM<sup>®</sup> supports

**CAAV5**  
BASED

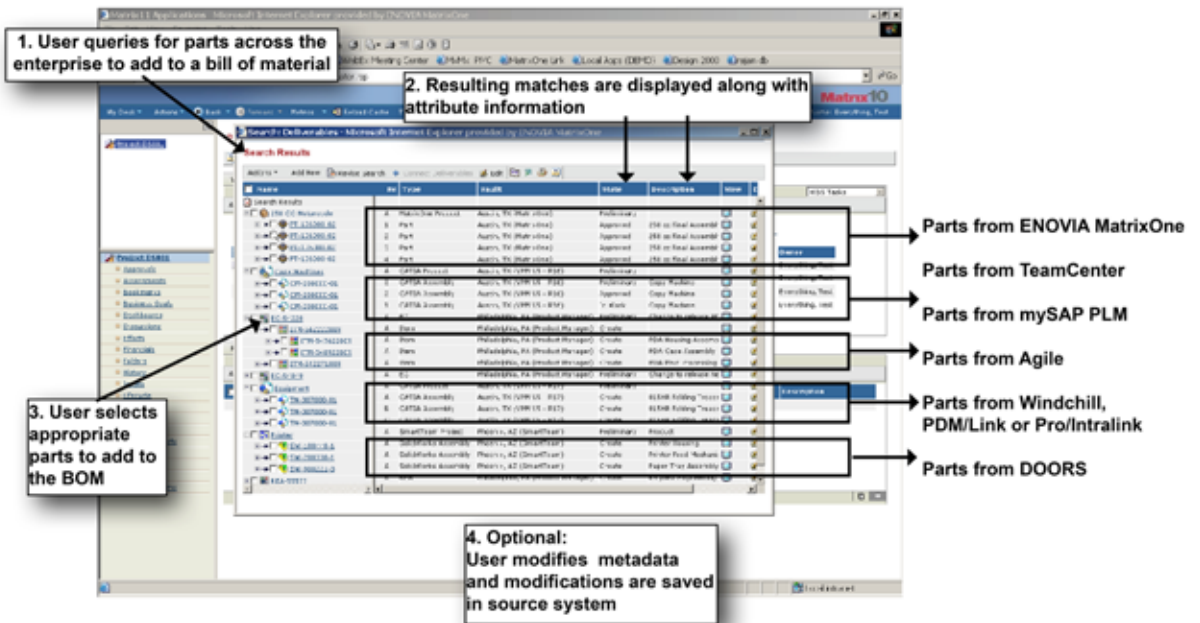
**ENOVIA MatrixOne (Matrix)** → continuation from page one

- Incorporate back-end systems into Matrix change management processes, including the writing of data back to the source systems.
- Look at the requirements online.

**Federated eBOM® supports ENOVIA 3D Live**

- Enhance 3DLive capability by connecting to different back-end systems via Federated eBOM®.
- 3DLive leverages enterprise 3D data and PLM information to bring intellectual property (IP) to life in a single immersive interface that connects people, processes and products.
- Delivers easy-to-use, award-winning search, navigation, and collaboration capabilities that provide a real-time snapshot of product status across the enterprise and throughout the lifecycle.

**How the Solution works:  
Some Typical Scenarios and use cases**



- **Federated Enterprise eBOM**  
Controlling cross system product development in ENOVIA MatrixOne.
- **Federated Enterprise Change Management**  
Controlling cross system product changes of back end systems in ENOVIA MatrixOne.
- **Federated Enterprise Requirements Management**  
Cross system Requirements Management for product development in ENOVIA MatrixOne.
- **Federated 3D Product Access**  
3D driven cross system product search and browsing via 3DLive
- **Program Dashboard Review**  
Real time 3D decision support for federated PLM systems via 3DLive
- **Incremental Migration**  
An alternative to the big bang approach to PDM migration.



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