

ENOVIA V6 XPDM INTEGRATION FOR SAP. SERVICE-BASED INTEGRATION BETWEEN ENOVIA PLM AND SAP.

Integrating PLM and ERP is not an easy proposition, even if we focus on two of the leading systems in their respective domains: ENOVIA V6 and SAP R/3. To integrate the processes they offer you have to understand the underlying paradigms and assumptions they make. We have been doing that kind of integration since 1997. Trust us to get it right again.

WHAT IT DOES...

Data Transfer

- Send Parts, Part structures (BOMs) and attached documents to SAP.
- Send materials, attached documents and SAP BOMs back to ENOVIA.
- Synchronize data between ENOVIA and SAP.

Fully Integrated

- Uses the ENOVIA Event Bus, mainstay of ENOVIA's current Openness concept.
- The "Send to xPDM" menu is provided by ENOVIA Live Collaboration for Bills of Materials and Parts.
- Event-triggered transfers are possible to the extent supported by ENOVIA.
- Full support for future ENOVIA-based functionality will be provided as it becomes available.

Configurable

- ENOVIA-side configuration provided by ENOVIA XPG.
- Provides a translation between ENOVIA's and SAP's paradigms.
- XML-based mapping of part numbers, attributes, find numbers etc.
- Extendable by mapping and conversion scripts (JavaScript).

...FOR YOU:

Data Integrity

- Uses standard protocols and technology for data transfer.
- Uses ENOVIA's location of control concept.
- Uses standard protocol SAP JCo to connect to SAP.

In Both Directions

- The SAP Adapter of this integration provides its own access point to start transfers externally.
- Transfer from SAP to ENOVIA provides integration of complex process environments where SAP-generated data is needed in ENOVIA.
- Freedom to trigger transfers from multiple possible sources: SAP, web interface, SOAP messages.
- SAP side uses standard SAP function modules and can be adapted for your purposes.

For Your Process

- Use standard ENOVIA configuration options.
- Our experience with SAP integrations carries over into this new product.
- Bridging the process differences with easy-to-apply customizing.

THE SOLUTION IF YOU ...

- are running ENOVIA V6 R2013x or later and SAP R/3 ECC6 and
- want to transfer data between them in the context of your business process
- need to synchronize ENOVIA data with several SAP systems
- want to use ENOVIA's latest service-based technology
- want to benefit from our experience in both systems

EXPERIENCE IN ENOVIA AND SAP, APPLIED TO NEW TECHNOLOGIES.

BASED ON STANDARD.

The integrated data transfer is initiated from standard commands available in the ENOVIA user interface or through ENOVIA event triggers. The ENOVIA-side configuration is part of the ENOVIA Live Collaboration Environment.

On the SAP side we use the preferred SAP transfer protocol SAP JCo. If required, transfer of physical files into SAP is enabled by a set of SAP function modules. No other changes to either system are required.

DEEP INTEGRATION.

ENOVIA and SAP is not an easy task, in particular if there is data that may be changed on both systems and must be synchronized between them. While the ENOVIA Event Bus, together with the xPDM adapters, provides the technical solution to do this, the different data models and process paradigms present a challenge of their own. Knowledge of both sides of the gap and experience in transforming the data from far over 50 customer projects give T-Systems a unique position to satisfy customer needs.

OPEN AND FLEXIBLE.

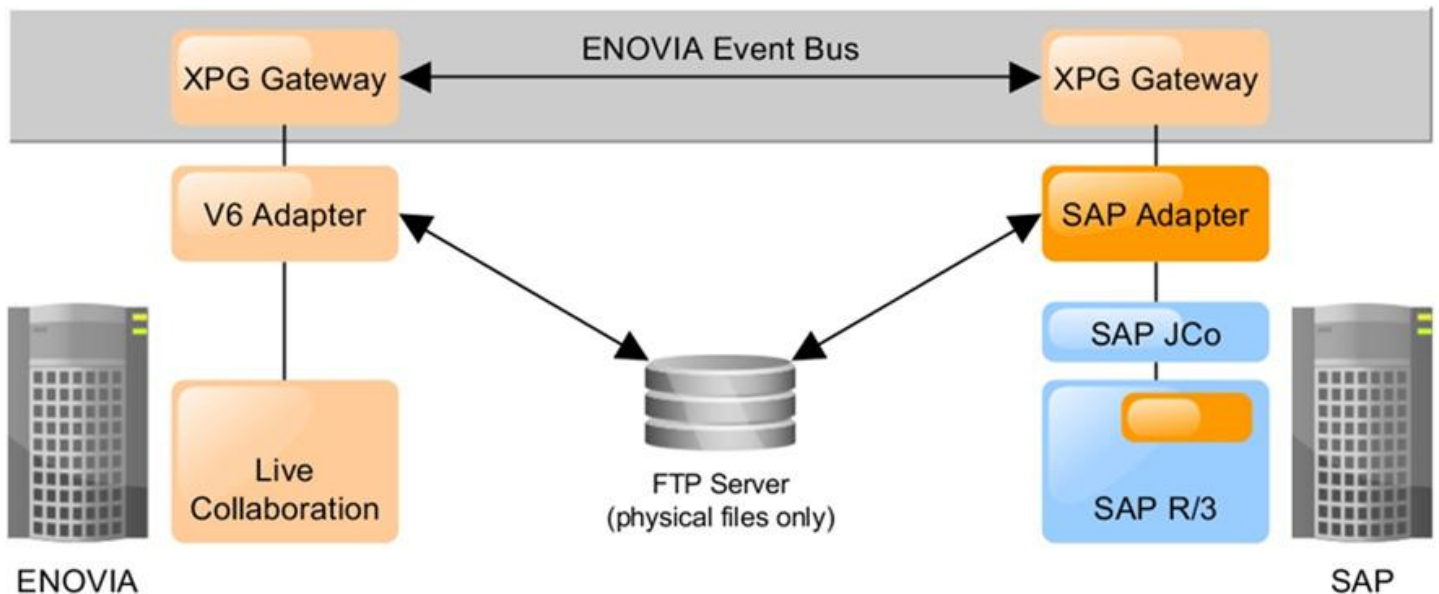
The ENOVIA Event Bus is part of the new ENOVIA Openness concept. Adapters and gateways enable access to and transfer of ENOVIA data through standard web protocols and XML-based messages that are exchanged between the connected systems.

The ENOVIA V6 xPDM Integration to SAP provides an adapter to SAP systems that extends this openness to the ERP world of SAP R/3. It can be fully configured according to the user process.

T-SYSTEMS EXPERIENCE.

T-Systems has been a sales and development partner of both ENOVIA and SAP for many years. Our engagement for the automotive, aerospace and manufacturing industry has also a long history, as both technical experts and process consultants.

The T-Systems point-to-point ENOVIA-SAP integration "ENOVIA X-BOM for SAP" has been the standard integration in ENOVIA's portfolio for many years.



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