### PL11390 - Integration Options for Vault



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#### Agenda

- Why Integrate?
- Integration landscape
- Powerful third party options
  - powerGate Marco
  - Jitterbit Rodney
- Open Q & A



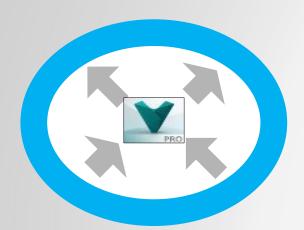
#### Why Integrate?

- Reduce manual entry
- Reduce duplicate data
- Reduce errors
- Leverage best tool for the job





#### **Vault Enterprise Integration Landscape**



Import and Export



Application Programming Interface (API)



**Third Party Solutions** 

### **Autodesk Vault Integration Basics**



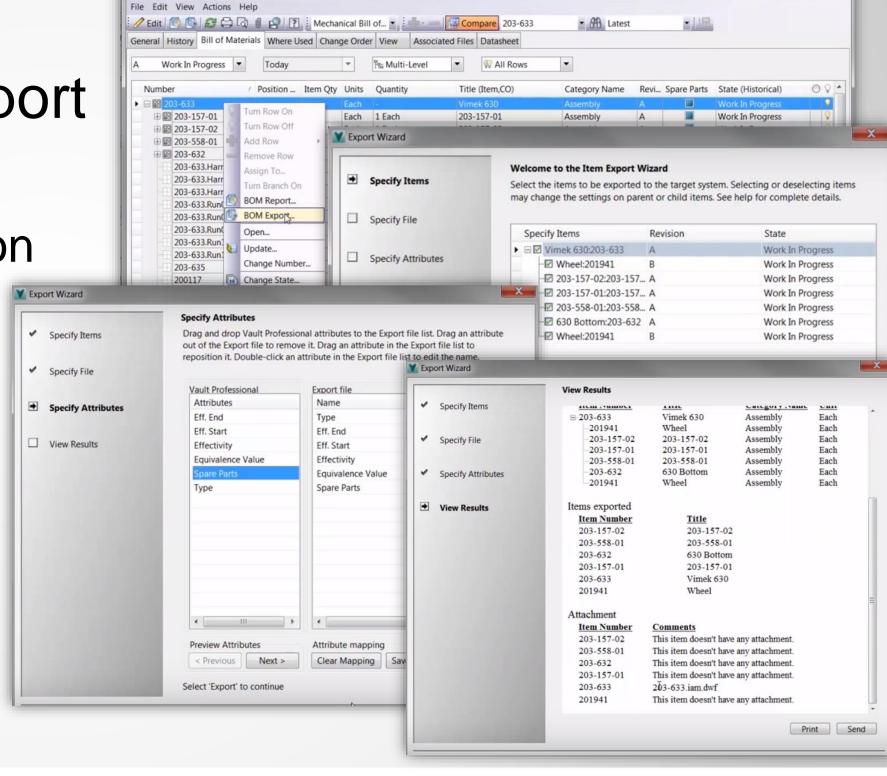
#### Vault Item Master reminder

- Powerful eBOM built into Vault Professional
- Easy to use tools without leaving Vault
- Significant Enhancements in last three releases
- Vault Office / Webclient can be leveraged by others with BOM needs



**Autodesk Vault Integration Basics** 

- Manual Item Import / Export
- Export
  - Attribute Mapping / Selection
  - Various File Options
    - CSV, TDL, XML, DWF
  - Supports Attachments
  - Capture Export Record



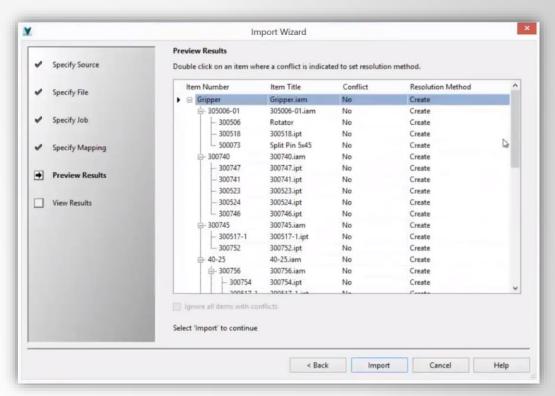
203-633 - Work In Progress - Item (Read Only)

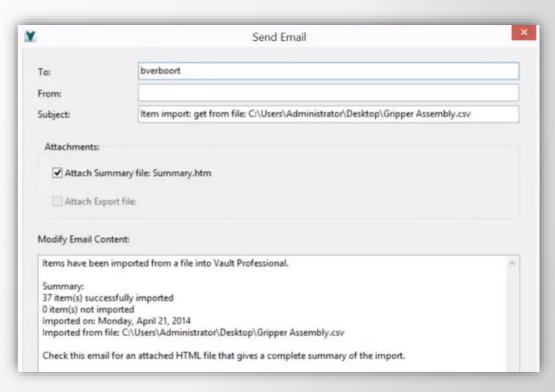


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#### **Autodesk Vault Integration Basics**

- Import Items
  - Create BOM Structure
  - Leverage existing data from ERP
  - Capture record







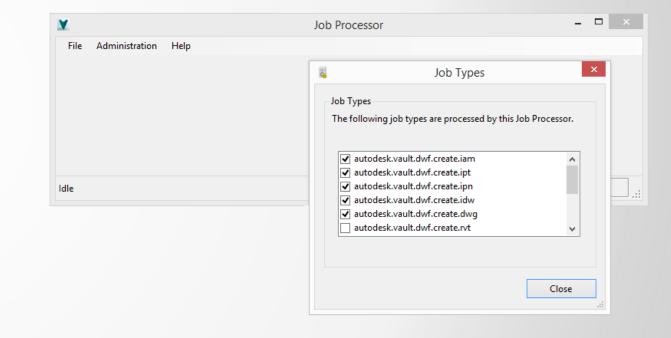
#### **Roles and Permissions note**

- Administrator
- ERP Manager
  - Import ERP: Import an item from an ERP system into Professional
  - Export ERP: Export items for use with an ERP system.



### **Autodesk Vault Integration Basics**

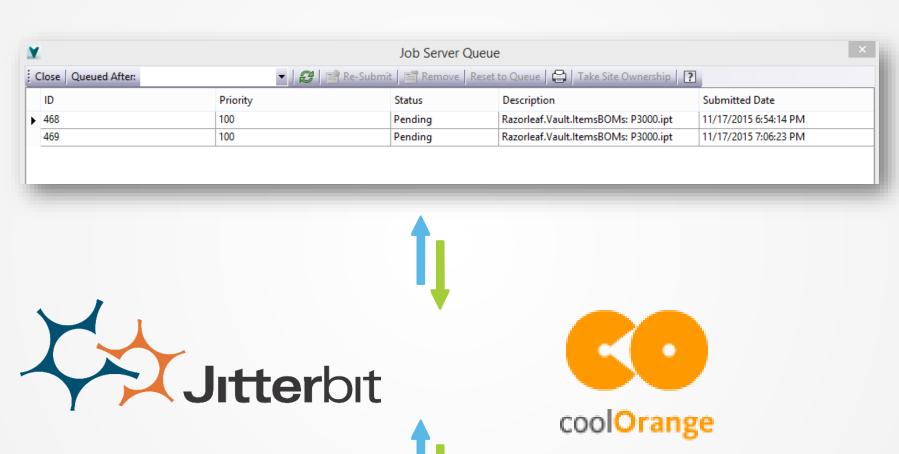
- Autodesk Vault Professional
  - API Access
- Job Processor + API
  - Custom Job Types
  - Allows the Job Queue to act on Event Triggers in vault
    - Revisioning (Doc-Centric, Items)
    - Creation, Edit, On-Demand





#### **Autodesk Vault Integration Additional Options**





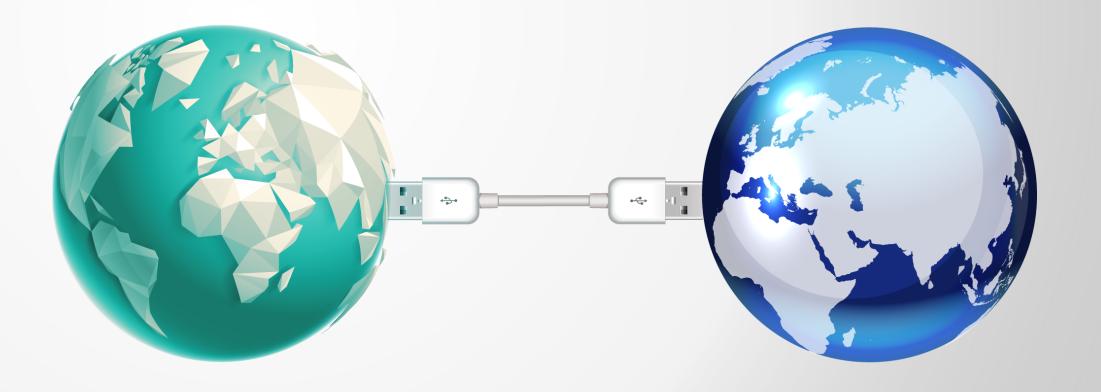
ERP CRM PLM













#### What is powerGate

powerGate is a standard yet flexible solution for connecting Vault with ERP systems

Deep integration in Vault and CAD client

Online direct access to ERP data (no redundancies/delays)













#### 2 things I've learned

Customers have all the same needs

Items/Material

BOM

Files (PDF, etc.)

**Projects** 

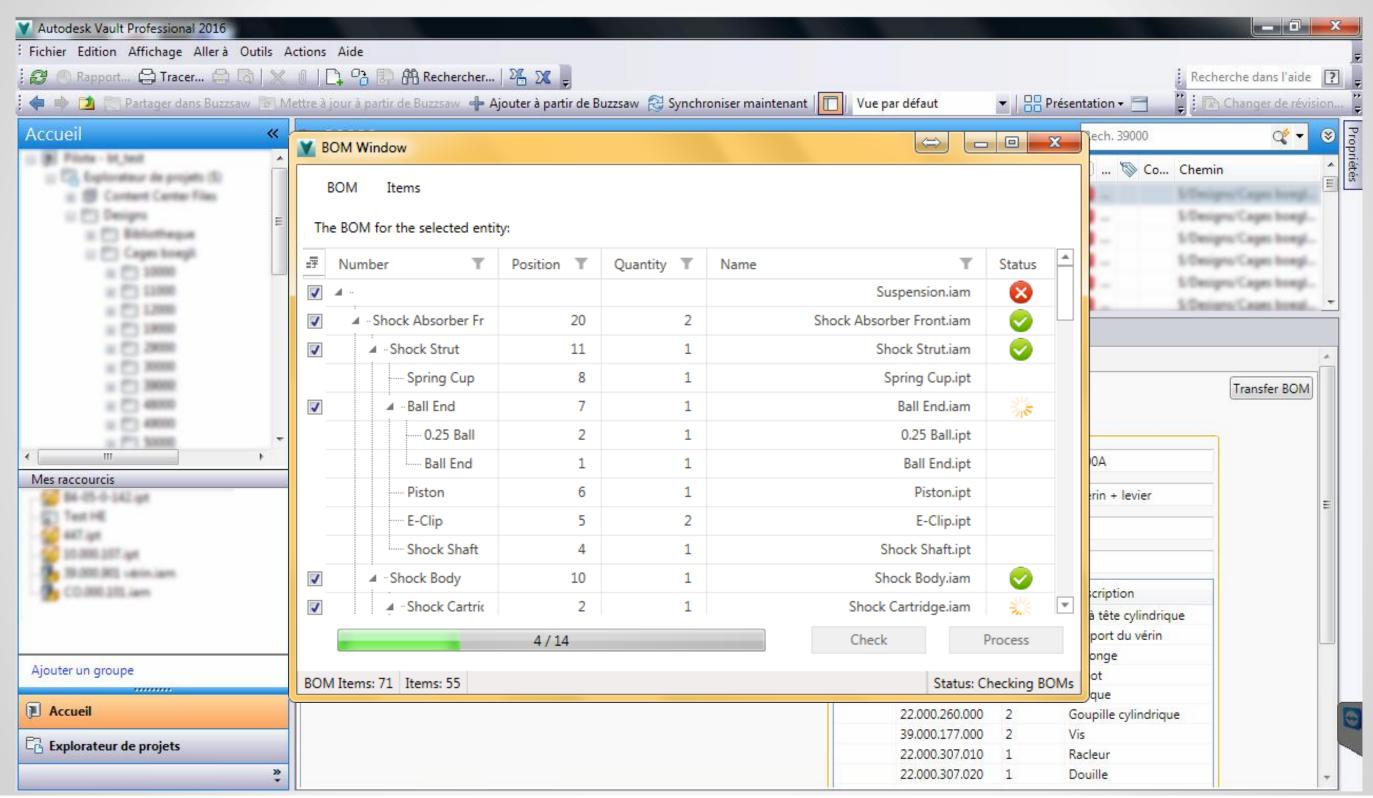
Customer's needs are all different

Different properties

Different work-flows

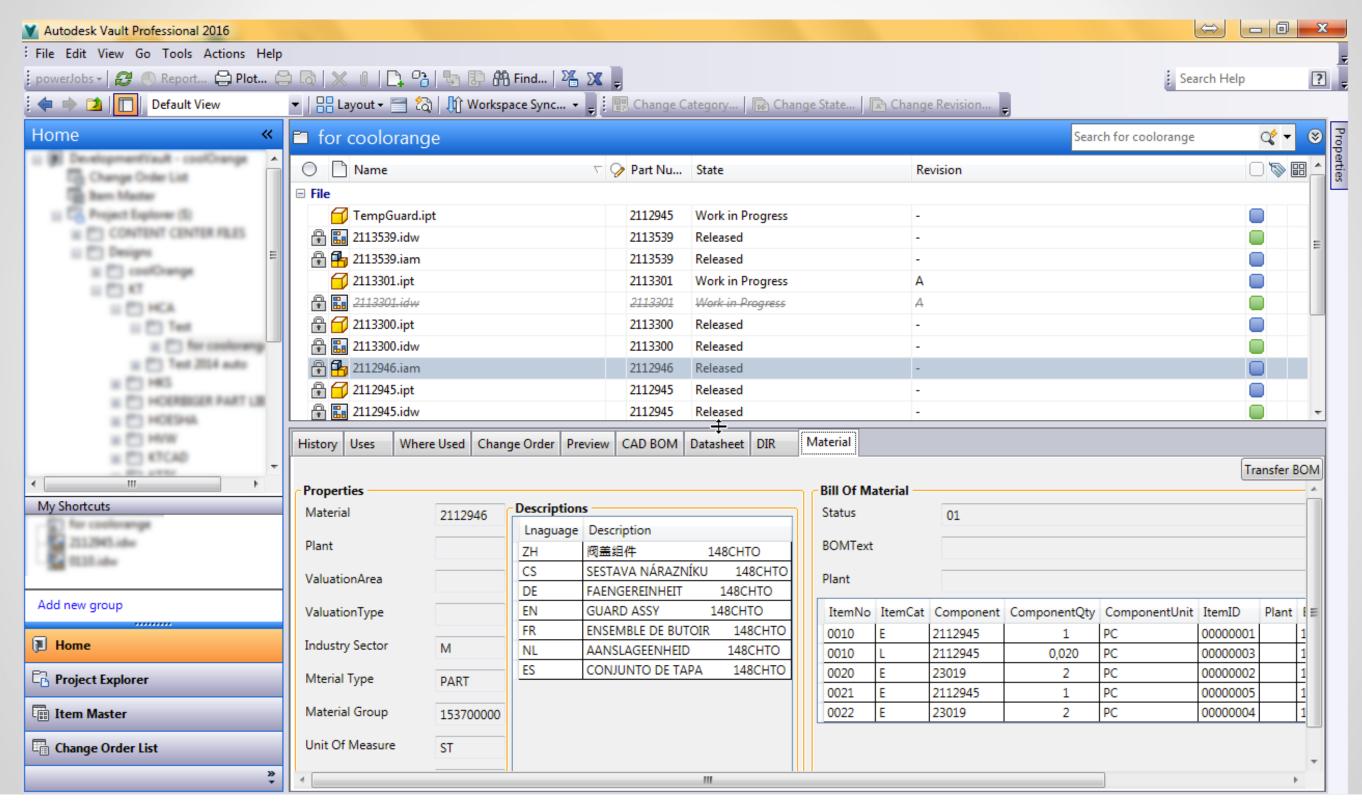


### Sample 1 – Item + BOM Integration with Navision



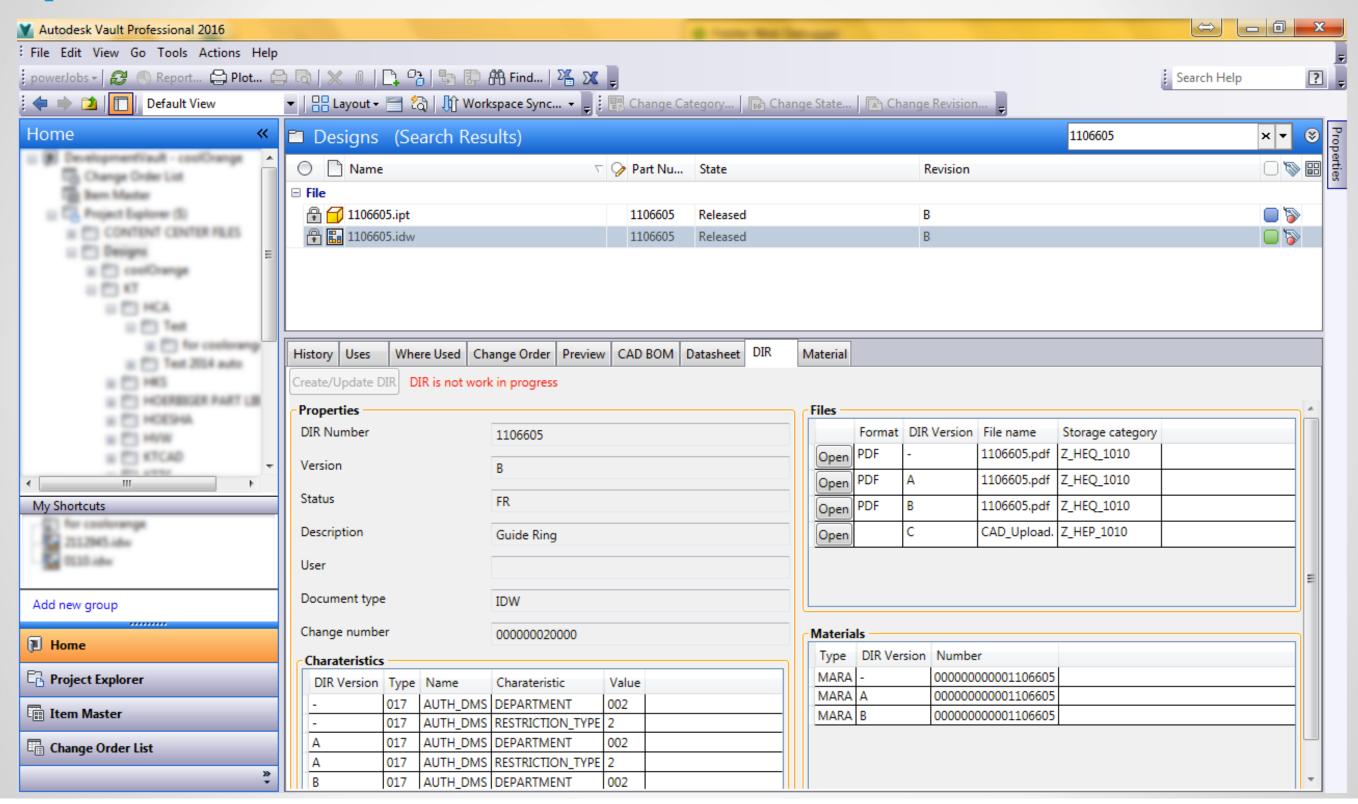


#### Sample 2 – Item + BOM Integration with SAP



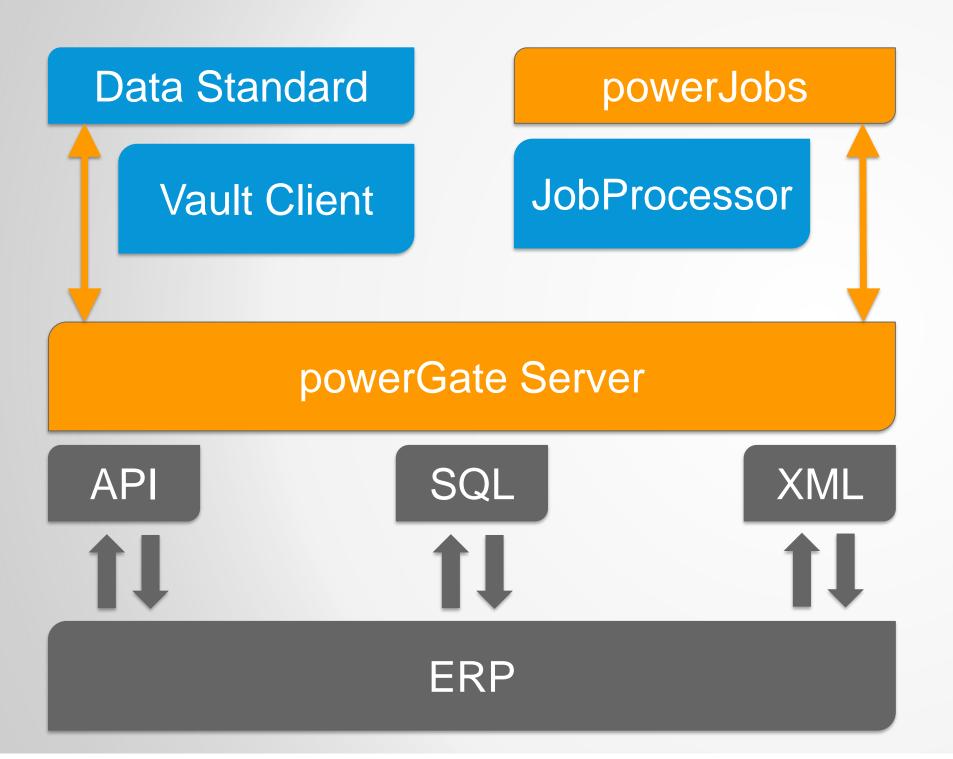


#### Sample 3 – Document Info Record with SAP





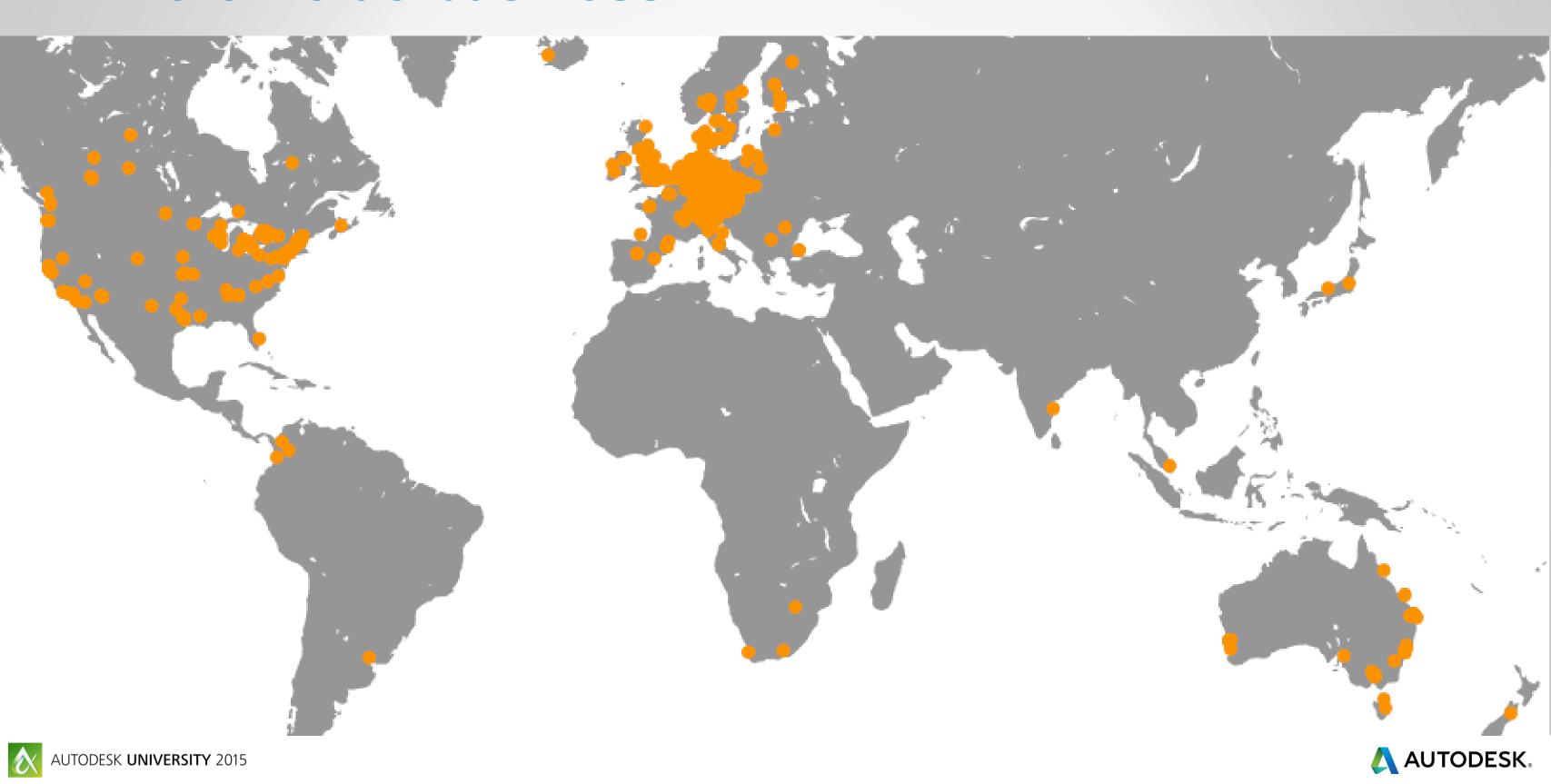
#### **Architecture**



Direct user feedback Accurate data Fast implementation Configurable Customizable Update secure



#### Where we do business



#### How to engage

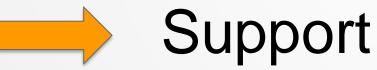
info@coolorange.com, Autodesk or your trusted reseller

Webcast











### Autodesk Vault Integration with Jitterbit



#### **Jitterbit Introduction**



- Middleware that integrates data endpoints
- Wizard-Based; "No-Coding" approach
- Cloud or On-Premise solutions

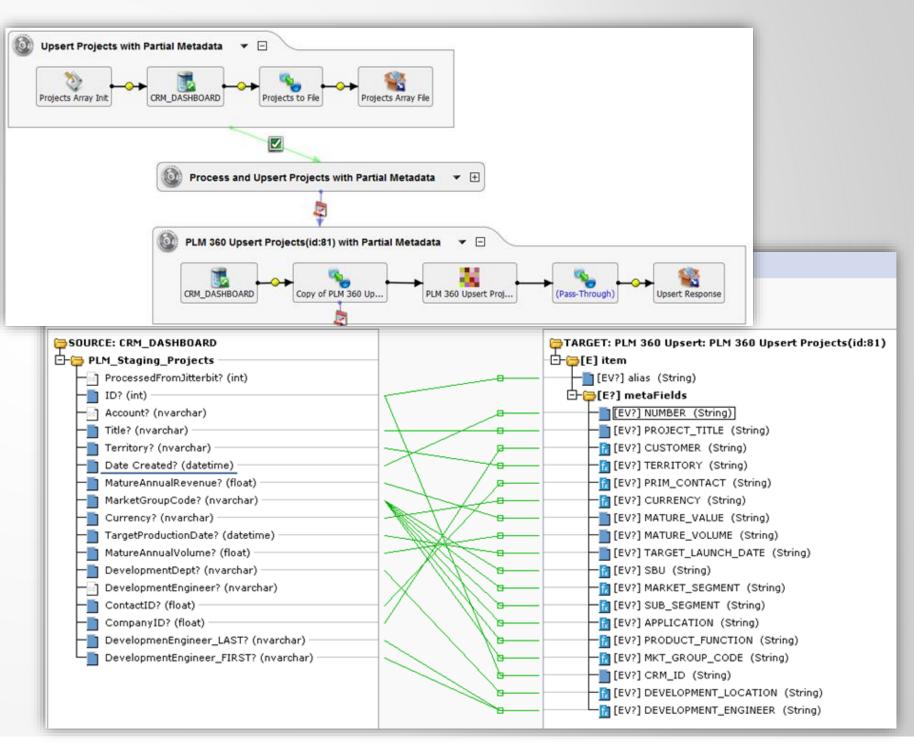
Client Designer



#### **Jitterbit Introduction**



- Moving Data with Ease
  - Operations
  - Transformations
  - Scripts
  - Connectors
  - JDBC / ODBC





#### **Jitterbit Endpoints**















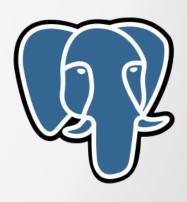












#### **Vault Integration Use Cases**

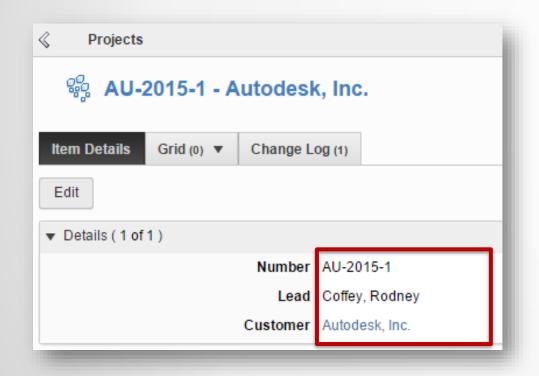
- PLM
  - Project Management
  - Change Management
- CRM
  - Customers
  - Contacts
  - Vendors

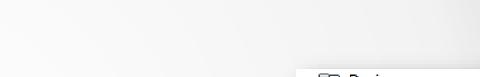
- ERP
  - Items & BOMs
  - Suppliers
- Other
  - Visualization File Transfer
  - Migration
  - Data Warehousing
  - Reporting

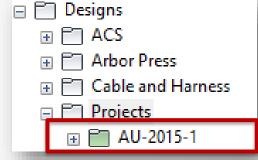


# PLM Integration Use Cases for Vault: Project Management



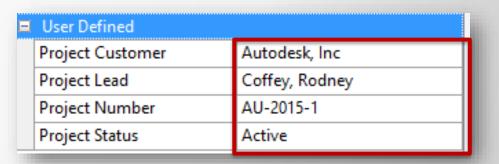






AUTODESK

**VAULT** 

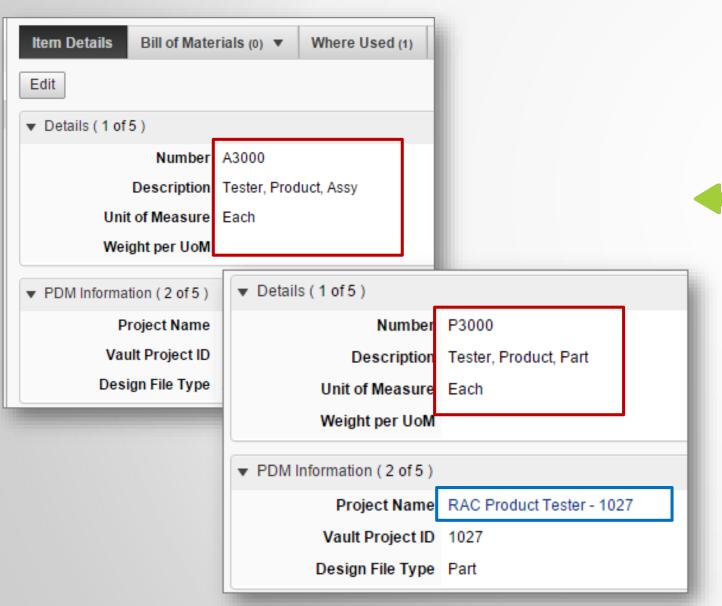


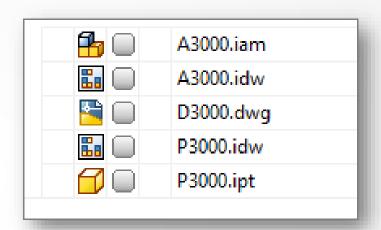


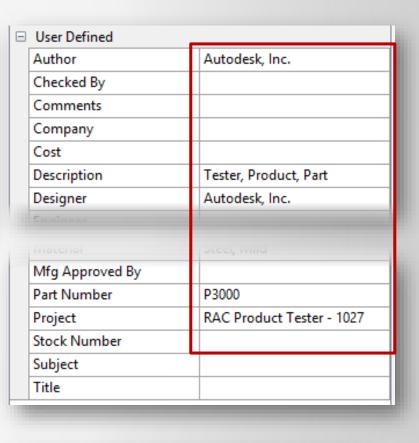
## PLM (ERP) Integration Use Cases For Vault: I&B File Creation

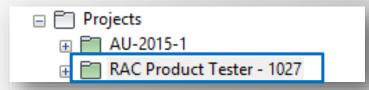






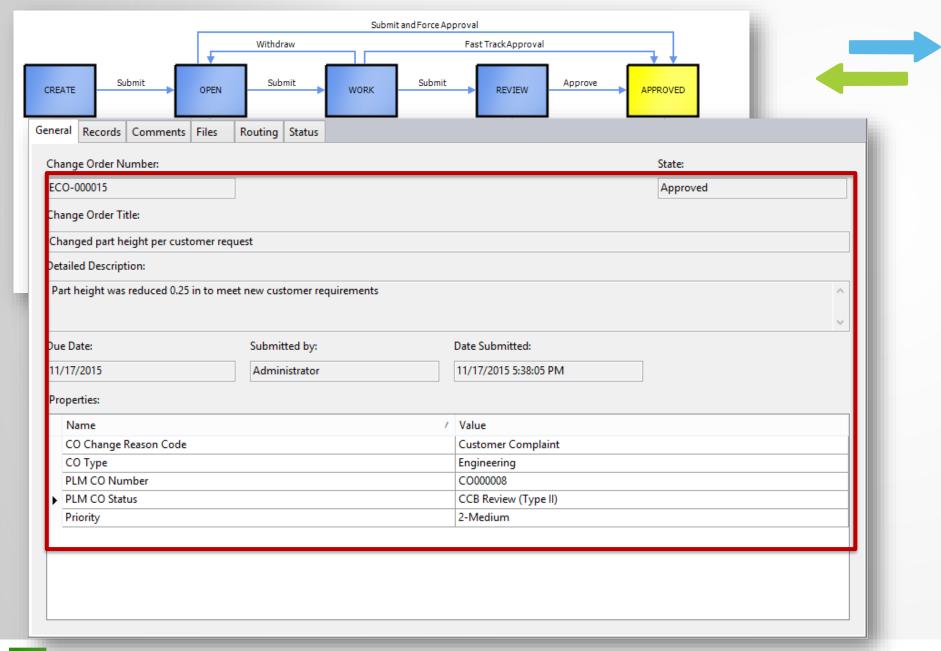




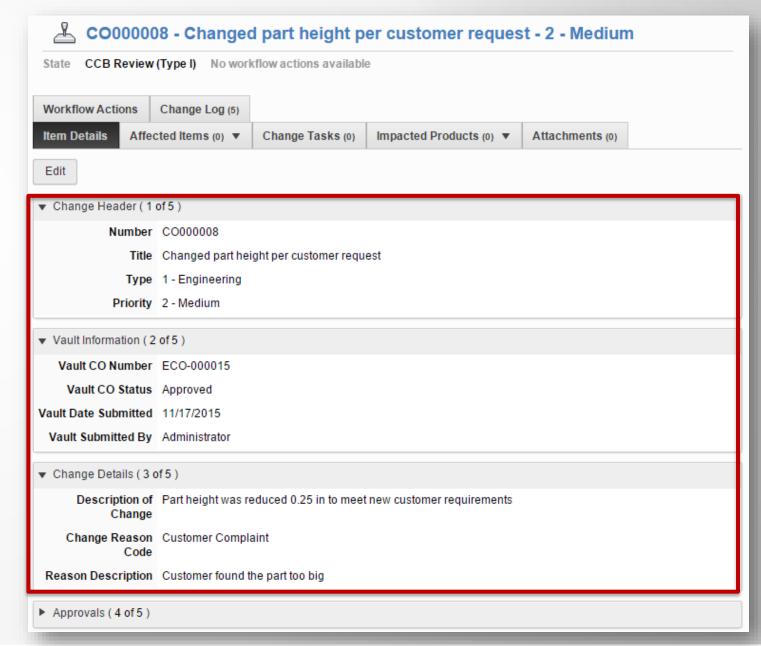


# PLM Integration Use Cases for Vault: Change Management







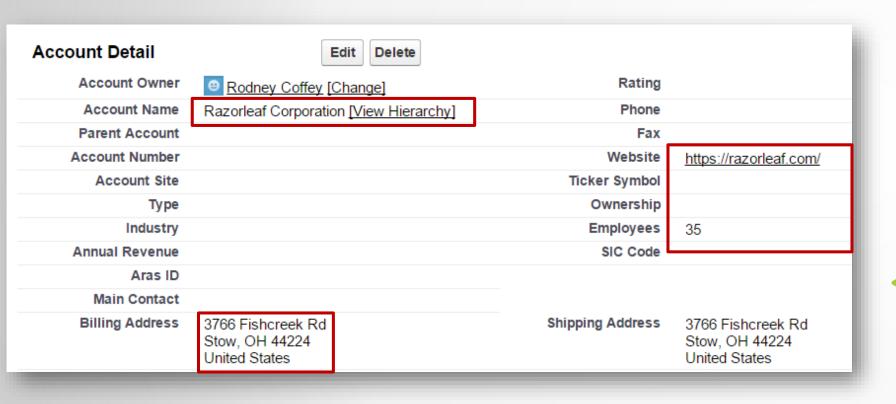


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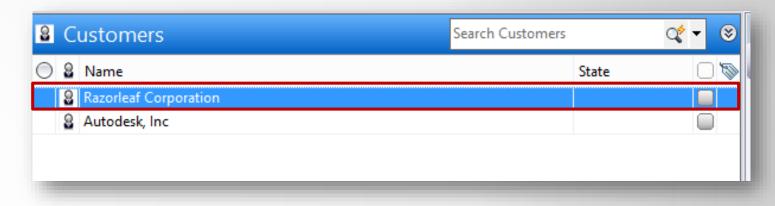


# **CRM Integration Use Cases for Vault: Customers / Custom Objects**







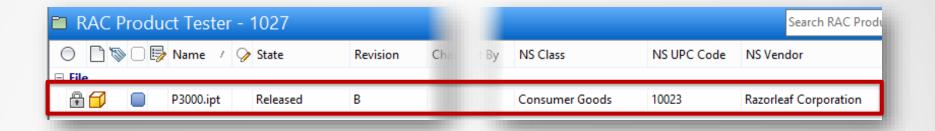




☐ User Defined		
Customer City	Stow	
Customer Country / State	United States	
Customer County	OH	
Customer Employees	35	
Customer Name	Razorleaf Corporation	
Customer Street	3766 Fishcreek Rd	
Customer Website	http://www.razorleaf.com/	
Customer Zip	44224	

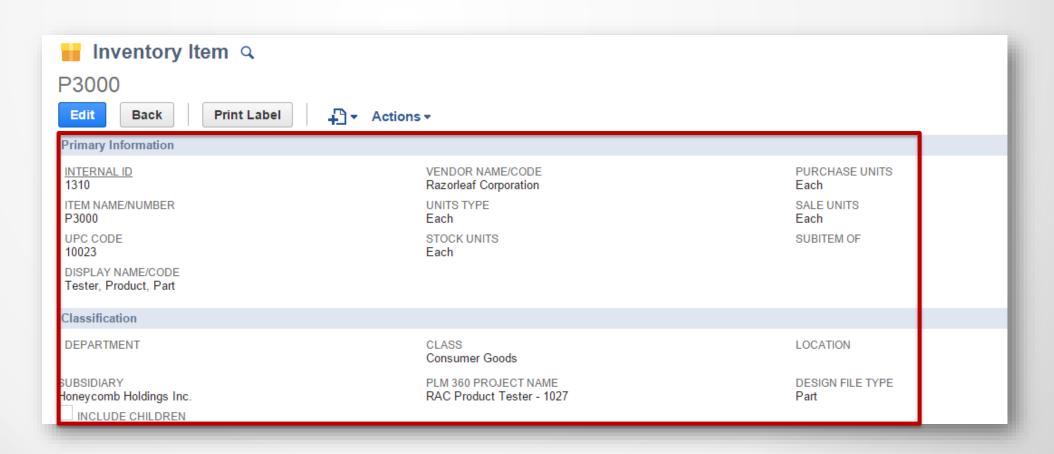
## **ERP Integration Use Cases For Vault: Vault Doc-Centric I & B**















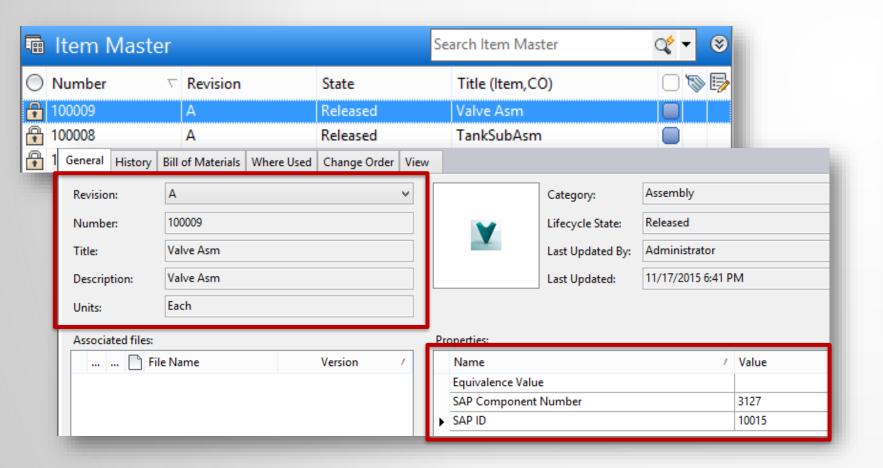
# **ERP Integration Use Cases For Vault: Vault Items I & B Integration**

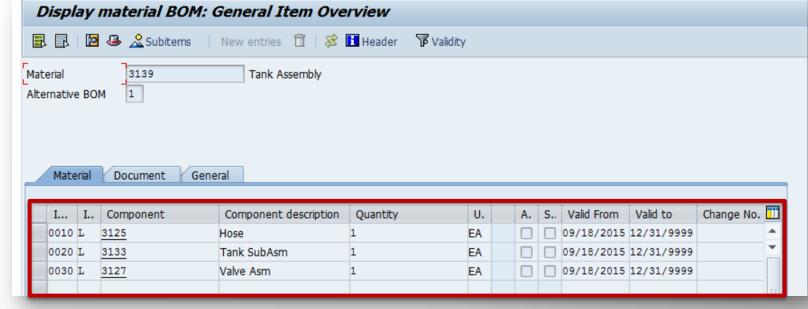
Vault Items BOM Integration to ERP













#### Other Integration / Jitterbit Use Cases for Vault

File Access

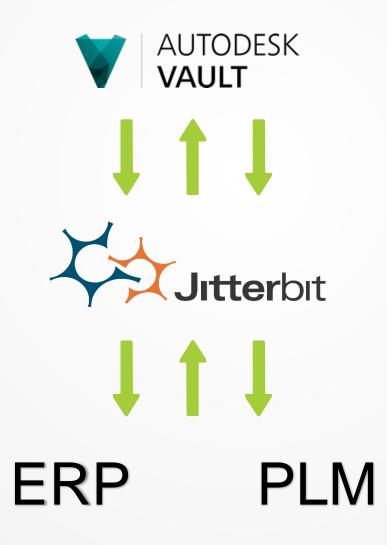
CRM
ERP PLM

AUTODESK
VAULT





Migration



Business Intelligence



#### How to Engage:

- Rodney Coffey
  - Razorleaf Corporation
  - rodney.coffey@razorleaf.com
  - **330.676.0022 x 7124**



# Q & A

