# PL2759 Autodesk® PLM 360 Connect Integration with Autodesk PLM 360

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### **Class summary**

In this class, we cover the basics of integration using Autodesk PLM 360 Connect. We provide a review of the Autodesk PLM 360 Connect toolset and an overview of the Autodesk PLM 360 application programming interface (API). To review these topics, we create a basic integration between Autodesk PLM 360 cloud-based product lifecycle management software and NetSuite® to manage NetSuite suppliers from within Autodesk PLM 360. Supplier management is easy using the workflow in Autodesk PLM 360. During the class, we build a connector to create and manage suppliers in NetSuite.



### Key learning objectives

At the end of this class, you will be able to:

- Create and operate integrations within the Autodesk PLM 360 Connect interface
- Read and understand the Autodesk PLM 360 REST API WADL
- Extract information from Autodesk PLM 360 using the REST API
- Initiate Autodesk PLM 360 Connect orchestrations from PLM 360 workflow actions



### Connect PLM 360 to any endpoint



### **PLM Connect Powered By Jitterbit**



Simple, yet powerful integration

Complete integration infrastructure

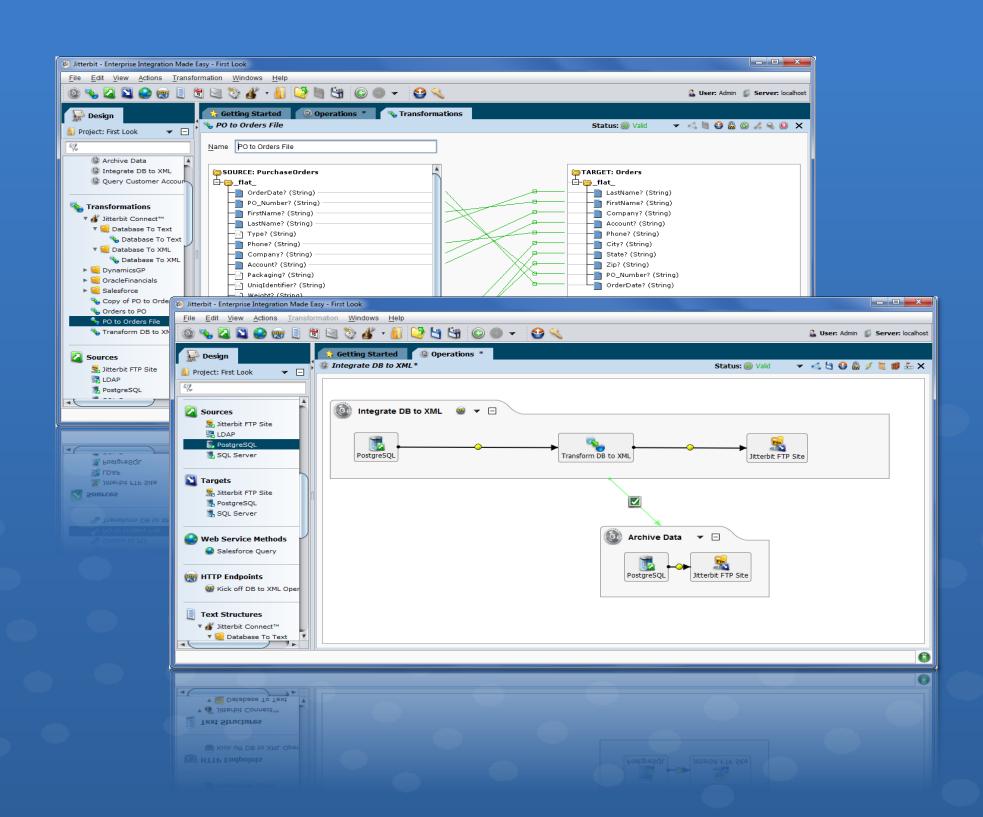
"Point-and-click" user experience

Seamlessly scale with your business

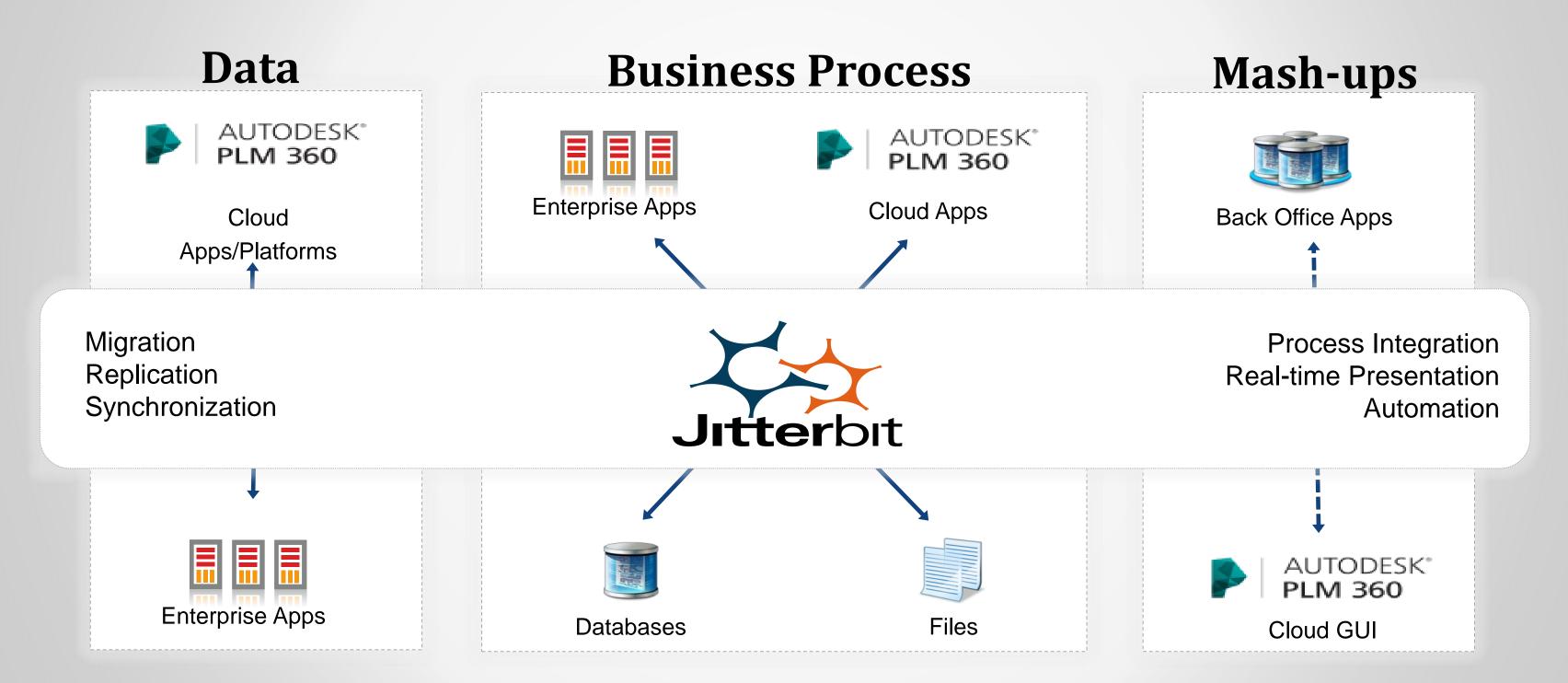
Advanced, high-performance data handling

Excellent visibility to all transactions

Powerful administration



### Support for all three integration scenarios



#### How Does it Work?

Design
Deploy
Manage
Solive in days
80% less
expensive

Map data and transformations
Orchestrates messages, processes, Complex error management and more...

Jitterbit

...With its slick user interface, Jitterbit makes quick work of even the most complicated integration projects.



### Connectors for common enterprise apps



### Front Office









Wizard driven interfaces

Dynamic schema

Native query builders

Pre-built process Jitterpaks

Support for LDV APIs

### Back Office









#### **PLM 360 Connector**



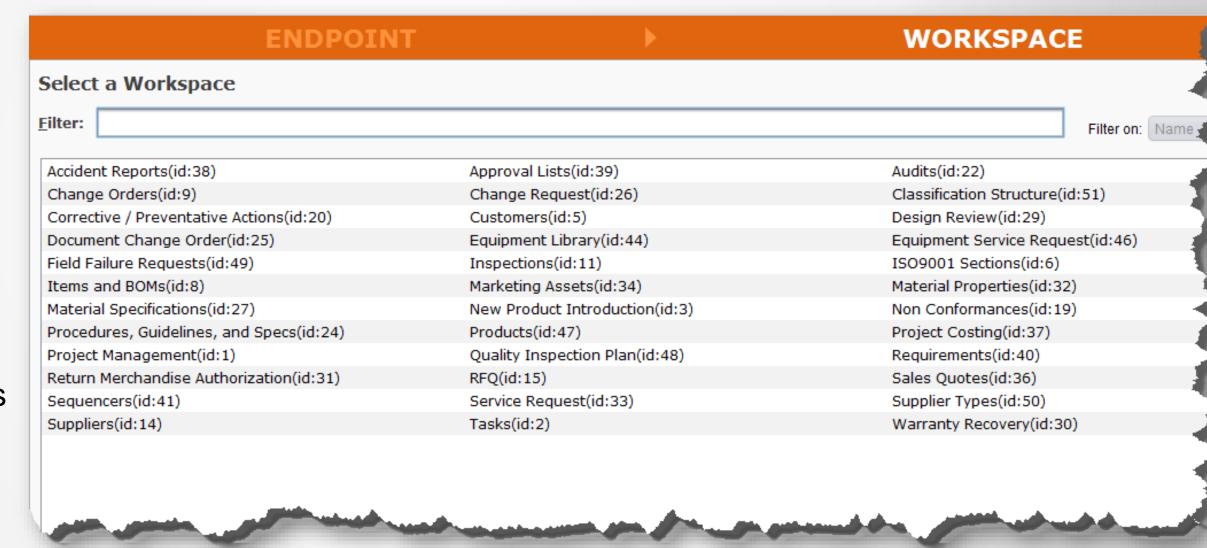
Wizard Interaction with PLM 360 REST API

#### Actions:

- Authentication
- Get Items
- Create Item
- Upsert Item
- Update Item
- Delete Item

#### Functions

- Update Schemas
- Login / Logout
- Get versionID



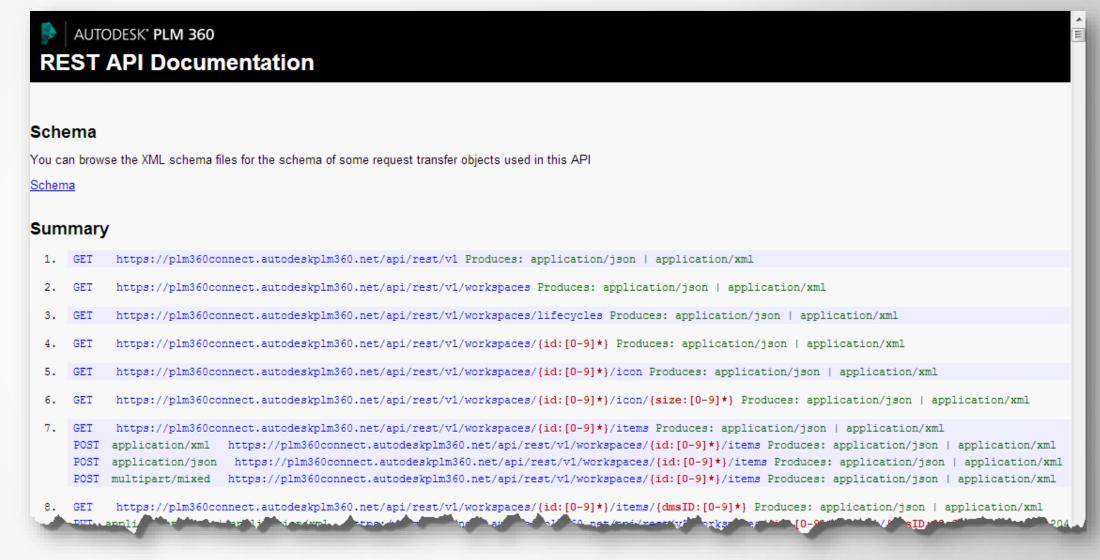


#### PLM 360 REST API

### Workspaces

- ✓ Items
- Workflow Actions
- Attachments
- √ BOMs
- Revisions
- Projects
- ✓ Grid
- ✓ Workflow-Items
- ✓ ... and more

#### /api/rest/application.wadl

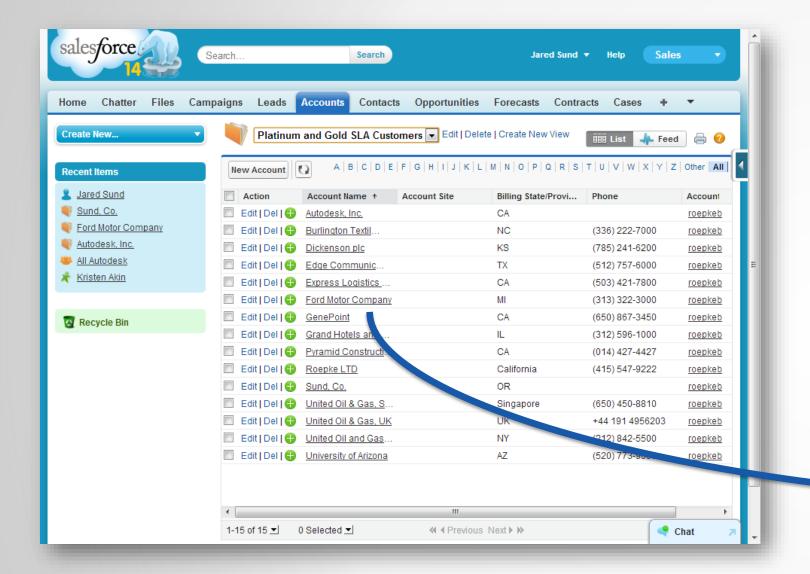


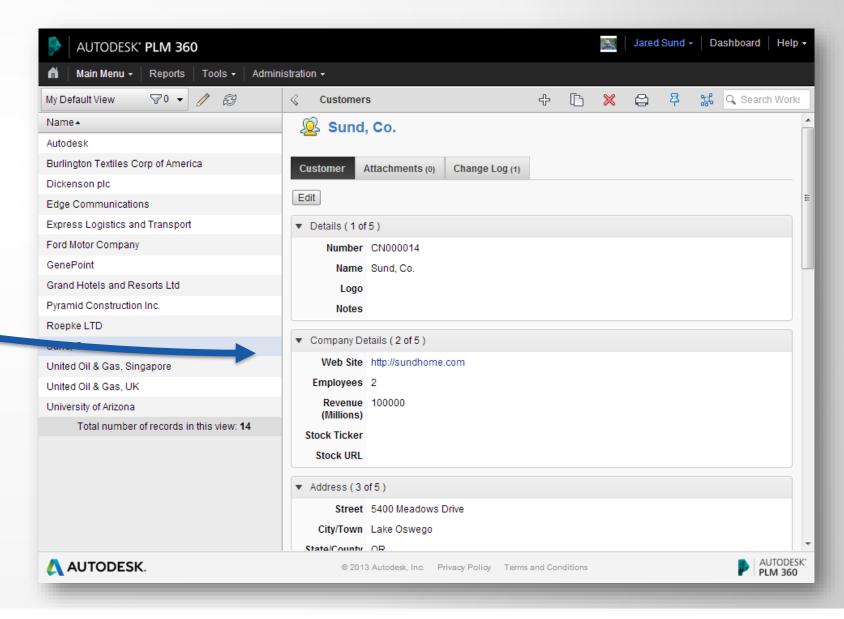


# Salesforce to PLM 360 Integration



### SF Accounts -> PLM 360 Customers



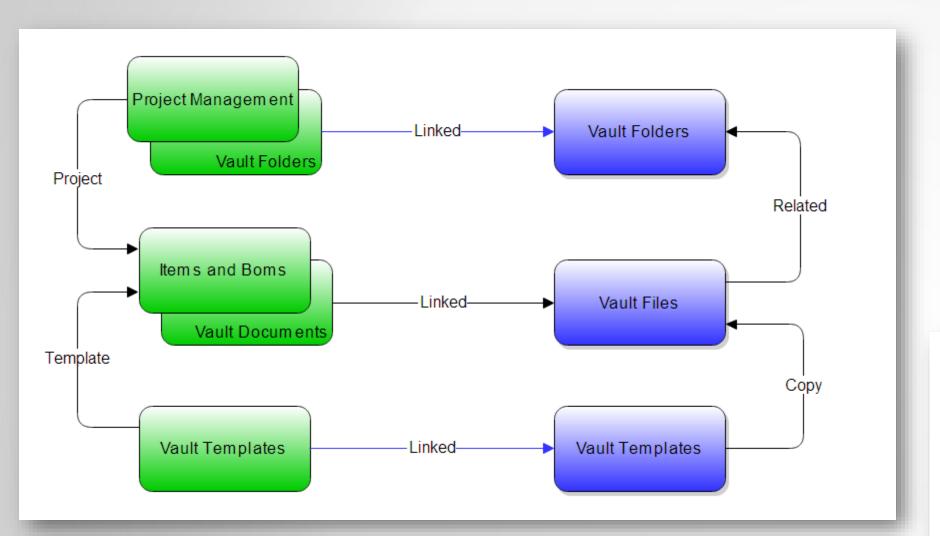




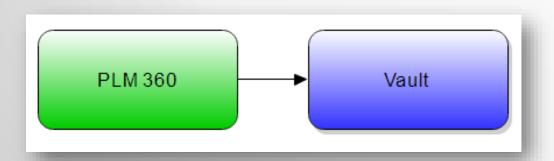
# PLM 360 to Vault Integration



### PLM 360 to Vault Integration



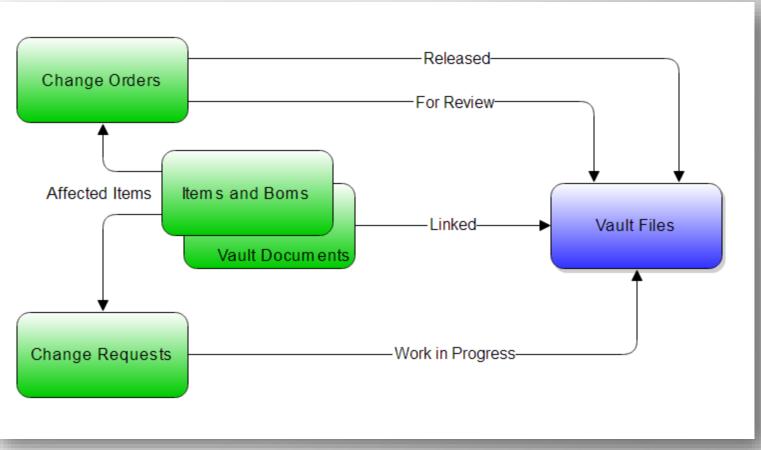
#### **Data Model**







#### Change Process



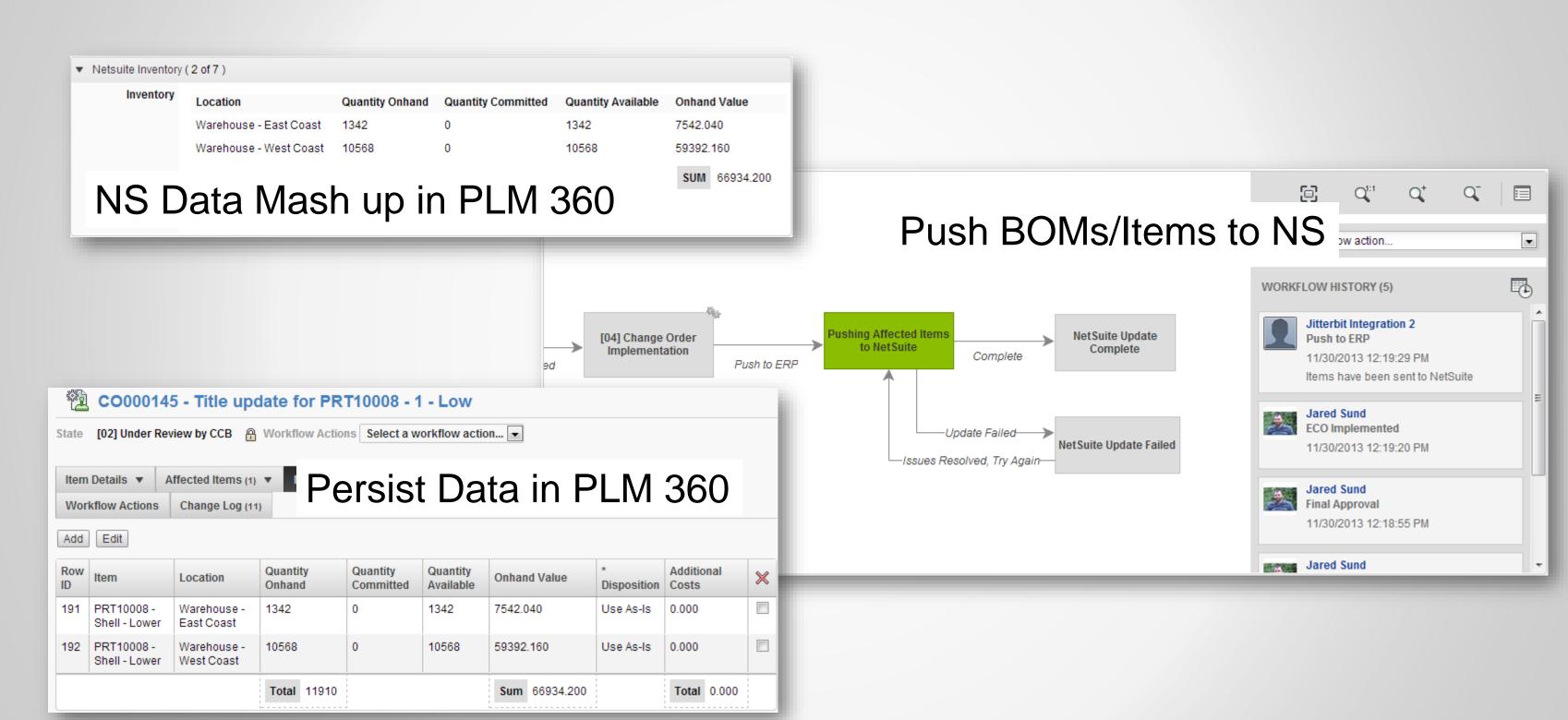




# PLM 360 to NetSuite Integration



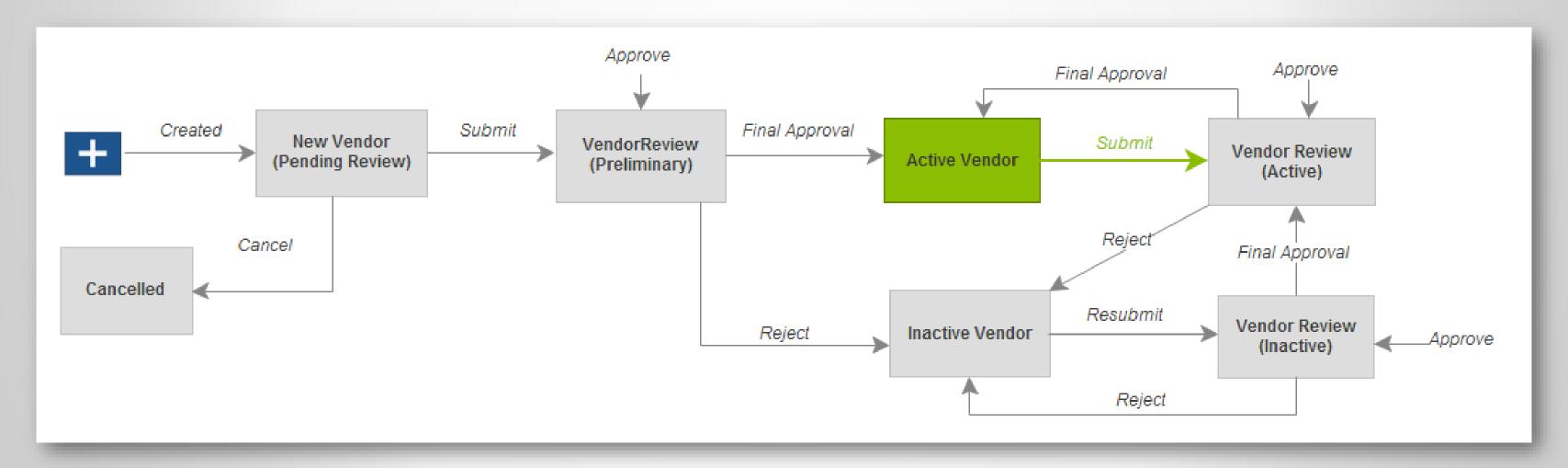
### **NetSuite integration**





### PLM 360 / NetSuite Vendor Management

- ✓ Upsert Vendor Information from PLM 360 to NetSuite
- Activate and Inactivate Vendor Management Process





# External Sequencer



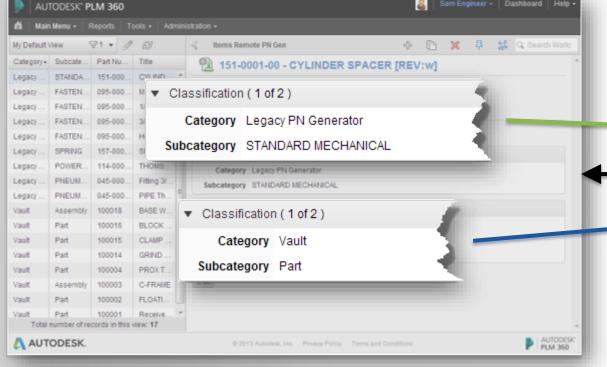
### **External Sequencer (PLM 360 Connect)**

#### Legacy System

**Returned Item** 

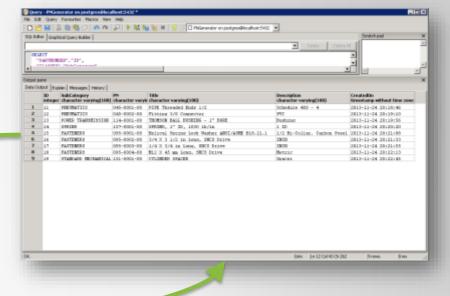
**Returned Item** 





- **PN Request Jitter**bit **New PN** 
  - **PN Request**

- PLM 360 item created
- PLM 360 requests new PN from Jitterbit
- Jitterbit creates new item in target system
- **Target system returns item to Jitterbit**
- **Jitterbit updates PLM 360 item**





**Create New Item** 



