

PTC Windchill – SharePoint Integration

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ETRAGE LLC Company Overview

- ETRAGE is a systems integration software company with deep understanding and knowledge of mechanical design and manufacturing processes. Through engineering best practices, streamlining workflows and task automation, ETRAGE helps companies increase efficiency and improvements in business processes. ETRAGE products complement, extend and enhance PTC Creo Parametric and PTC Windchill PDMLink.
- Founded in 2000.

Presentation Overview

- This presentation will demonstrate the PTC Windchill – SharePoint Integration from ETRAGE for Change Request Management, Document Searching, Document Browsing and PTC Windchill Task Approval.
- The PTC Windchill – SharePoint Integration is a bi-directional exchange of data between both systems.
- Changes initiated in Windchill are passed to SharePoint where they can be reviewed and updated. Updates are automatically transferred back into Windchill.
- Change requests, viewables, BOM, attributes and parameters can be transferred to SharePoint.
- With the news last year that PTC was discontinuing support for Web Parts for SharePoint in PTC Windchill 10.2, the ETRAGE integration solution is positioned to fill this void and provide extended functionality.

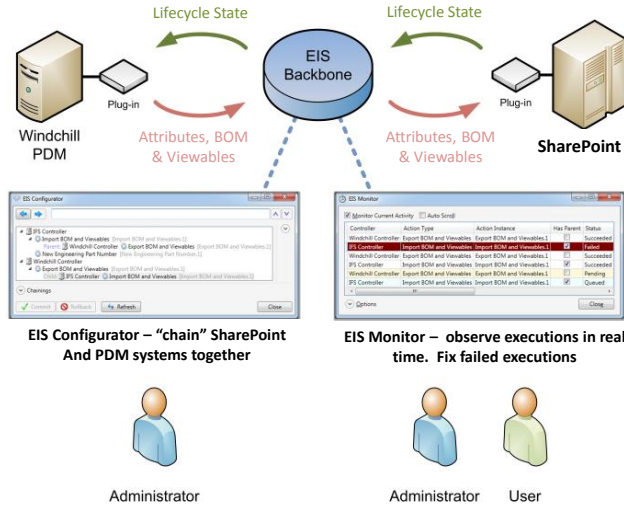
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ETRAGE Areas of Focus

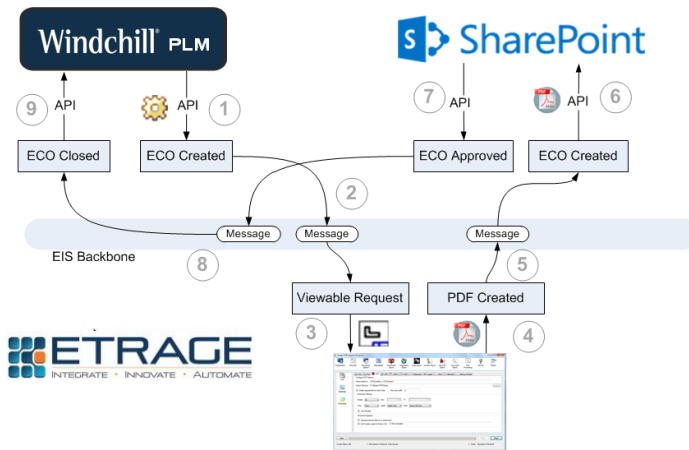
- ETRAGE delivers software products and services in the MCAD, PLM, and ERP market space
- PTC's Software Development Partner since 2000
- Multi - CAD, PLM and ERP software development partnerships:
 - PTC Windchill, PTC Creo
 - Autodesk – AutoCAD, Inventor, Vault
 - SolidWorks
 - Siemens – Solid Edge
 - ShipConstructor
 - IFS ERP
 - Microsoft
- Our Focus on:
 - Turnkey System Integration between PLM, SCM, ERP and other Engineering and Business Systems
 - Data Migration into PTC Windchill
 - Design Process Automation Tools

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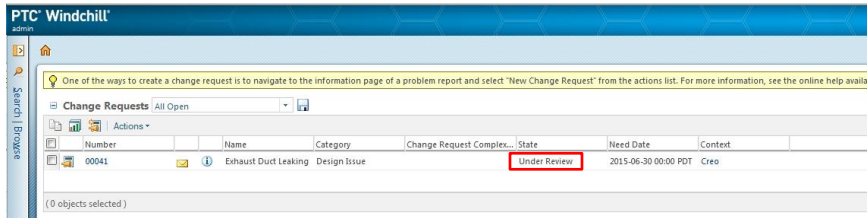
ETRAGE Integration Server (EIS)



PTC Windchill – SharePoint Integration

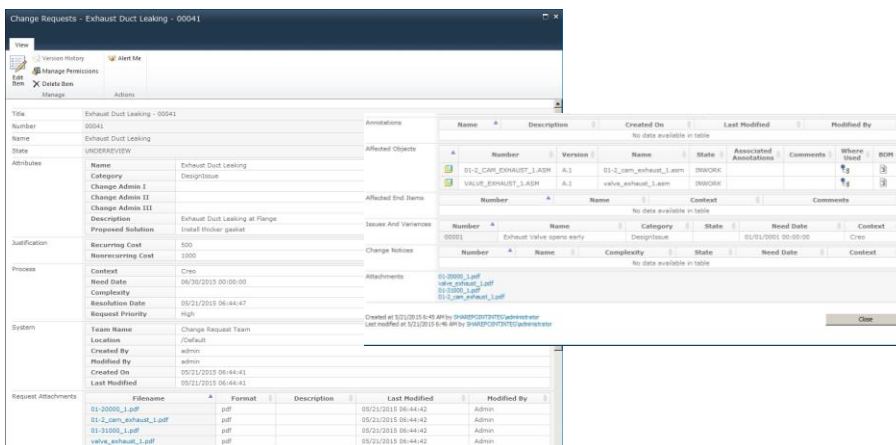


PTC Windchill Change Request Management



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Change Request Management in SharePoint



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Change Request Management - State Change

Change Requests - Exhaust Duct Leaking - 00041

Save Cancel Paste Copy Cut Delete Attach File Spelling

Commit Clipboard Actions Spelling

Title * Exhaust Duct Leaking - 00041

State * **RESOLVED**

Attachments

- 01-20000_1.pdf Delete
- vhve_exhaust_1.pdf Delete
- 01-31000_1.pdf Delete
- 01-2_cam_exhaust_1.pdf Delete

Created at 5/21/2015 6:45 AM by SHAREPOINT\INTEG\administrator
Last modified at 5/21/2015 6:54 AM by SHAREPOINT\INTEG\administrator

Save Cancel

PTC Windchill

One of the ways to create a change request is to navigate to the information page of a problem report and select "New Change Request" from the actions list. For more information, see the online help available from

Change Requests All Open

Number	Name	Category	Change Request Complex...	State	Need Date	Context
00041	Exhaust Duct Leaking	Design Issue		Resolved	2015-06-30 00:00 PDT	Creo

(0 objects selected)

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Document Search

Folder Contents All

Number	Name	Version	State	Last Modified
0000000001	SharePointTestDoc	A.1	In Work	2015-05-08 10:41 PDT
0000000021	ETRAGE SharePoint_Integratio...	A.1	In Work	2015-05-18 08:27 PDT
0000000022	ETRAGE SmartPDF_0514	A.1	In Work	2015-05-18 08:27 PDT
0000000023	ETRAGE Plot Service for Windc...	A.1	In Work	2015-05-18 08:27 PDT

(0 objects selected)

Site Actions Browse

Home Etrage Windchill

Home

Recently Modified

- Etrage Windchill Tasks
- Etrage Windchill Browser
- Etrage Windchill Search
- Home
- How To Use This Library

Libraries

- Site Pages
- Shared Documents

Lists

- Calendar
- Tasks
- Change Requests

Windchill Search

Location: SharePoint

Name: ETRAGE*

Number:

State: ANY

Search

Name	Number	Description	Format	State
ETRAGE Plot Service for Windchill_0414	0000000023		PDF	INWORK
ETRAGE SharePoint_Integration_0514	0000000021		PDF	INWORK
ETRAGE SmartPDF_0514	0000000022		PDF	INWORK

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Document Browse

The screenshot displays the ETRAGE Document Browse interface. On the left, there is a navigation pane with options like 'Home', 'Recently Modified', 'Libraries', and 'Lists'. The main area shows a 'Folder Contents' table with columns for Number, Name, Version, State, and Last Modified. Below this, a 'Windchill Browser' table lists documents with columns for Name, Number, Format, Description, and State. The 'Test' folder is expanded, showing several PDF documents.

Number	Name	Version	State	Last Modified
000000001	SharePointTestDoc	A.1	In Work	2015-05-08 10:41 PDT
000000021	ETRAGE SharePoint_Integratio...	A.1	In Work	2015-05-18 08:27 PDT
000000022	ETRAGE SmartPDF_0514	A.1	In Work	2015-05-18 08:27 PDT
000000023	ETRAGE Plot Service for Windc...	A.1	In Work	2015-05-18 08:27 PDT

Name	Number	Format	Description	State
SharePoint				
NewEngine				
SteamEngine				
Test				
ETRAGE SharePoint_Integration_0514	000000021	PDF		INWORK
SharePointTestDoc	000000001	PDF		INWORK
ETRAGE SmartPDF_0514	000000022	PDF		INWORK
ETRAGE Plot Service for Windchill_0414	000000023	PDF		INWORK
NewEngine				
Creo				

PTC Windchill Task Approval

The screenshot shows the ETRAGE Windchill Tasks interface. A table lists tasks with columns for Name, Subject, State, Owner, and Approve. A dialog box titled 'Analyze Problem Report - Problem Report - 00001' is open, showing a 'Comments' field with the text 'RJZ Reviewed & Approved' and 'Cancel' and 'Approve' buttons.

Name	Subject	State	Owner	Approve
Analyze Change Request	Change Request - 00041	RESOLVED	admin	Approve
Analyze Problem Report	Problem Report - 00001	UNDERREVIEW	admin	Approve

Analyze Problem Report - Problem Report - 00001

Comments:
RJZ Reviewed & Approved

Cancel Approve

Summary

- Presented 4 applications developed for several customers
- Simplified SharePoint interface into PTC Windchill
- Demonstrated bi-directional exchange of data
- The Integration transfers of BOM, drawings, part numbers, attributes and more

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Thank you

Questions on the presentation or for more info on the
Windchill – SharePoint Integration Applications Visit Us
at Booth 501

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