ENGINEER3D! TRAINING+TECHNOLOGY CONFERENCE

OCTOBER 2-3 MILWAUKEE, WI



PDM FIRST-LOOK WORKSHOP

Max "Hans" Kent, PDM Applications Engineer, GSC Joe "Franz" Krupski, PDM Applications Engineer, GSC



We are here to Pump...



...YOU UP on PDM!





Welcome

In this session, we will introduce you some of the basic functionality of PDM. Through hands-on experience with a PDM Vault, you will learn how to:



- View vaulted files and associated 'Metadata'
- Easily see and understand relationships between files
- View file version and revision history
- Create new versions of files
- Automate creation of new project folders and documents using templates
- Search the Vault for Files
- Understand Workflows and Changing States





PDM – Product Data Management

- Organizes and manages files and associated data
- Secures access to your Digital Engineering IP
- Maintains a complete change history
- Automates and tracks your business processes (e.g. Engineering Change)
- Integrates with other Applications (e.g. ERPs)
- Manages your part numbering system







SOLIDWORKS PDM Flavors







- Vault
- Vault View
- Check-in/out and Local Cache
- Metadata
- Workflow









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- Vault
- Vault View
- Check-in/out and Local Cache
- Metadata
- Workflow







SOLIDWORKS PDM Server Components

Required:

- License Server
- Database Server
- Archive Server

Optional:

- Replicated Archive Server
- Web2 Server
- SQL Server Replication







- Cards (Folder, File, and Search)
- Versioning and Revisioning
- **Permissions** (Administrative, Folder, State, Transition)
- Workflows

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Preview

- Cards (Folder, File, and Search)
- **Versioning and Revisioning**
- Permissions (Administrative, Folder, State, Transition)
- Workflows

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- Cards (Folder, File, and Search)
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PDM Test Drive



Are you Ready to Take a Test Drive?





PDM Test Drive

- 1. Double-click the E3D-2019 Blueberry icon on your Desktop
- 2. User name: ManagerX (where x=1 to 12)
- 3. No Password
- 4. Click the Log In arrow to get started



E3D-2019	×
User name: Password:	admin
Work Offline	Log In ➡





PDM Explorer-Integrated User Interface

Navigate to:

\Projects\PRJ-1100xx\CAD Files\double_range_burner.SLDASM

(where xx=your assigned Manager #)

The PDM User Interface Layout displays:

- 1. Navigation Pane
- 2. File and Folder View Pane
- 3. Tabbed Sub-Menu Pane (with Preview, Data Card, Version, Bill of Material, Contains, and Where Used tabs)

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PDM Explorer-File History and Versioning

- View File History
- Version vs. Revision
- Version a File







PDM Explorer-File History and Versioning

- View File History
- Version vs. Revision
- Version a File

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PDM Explorer-File History and Versioning

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- View File History
- Version vs. Revision
- Version a File

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PDM Explorer-Using Templates

Templates automate the Creation of Folders, Folder Structure, and Files





PDM Explorer-Searching

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PDM Workflows



Example Engineering Change Workflow

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PDM Workflows

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Auto Transition

Hear us now and believe us later...



...PDM is the BEST tool for managing your Engineering Data and Intellectual Property!

And if you don't believe us...you HAVE to believe Aaron!





Thank you for Attending! Please remember to fill out your survey form



Questions on PDM or Other Features to Discuss?

MAX "Hans" KENT Max.Kent@gsc-3d.com 262.780.1080 x1124

JOE "Franz" KRUPSKI Joe.Krupski@gsc-3d.com 262.780.1080 x1154



