

SOLIDWORKS WORLD 2015

FEBRUARY 8-11

PHOENIX CONVENTION CENTER | PHOENIX, AZ

ENTERPRISE PDM WEB

Capabilities and Configuration Options for
SOLIDWORKS Enterprise PDM Web



Introductions

Justin Webster – Director, InFlow Technology

- Experience
 - 17+ years in CAD/PDM/PLM industries
 - 180+ SolidWorks Enterprise PDM implementations
 - Implementing EPDM since 2006
- Contact Information
 - Justin.webster@inflow-tech.com
 - 847-499-8028

Agenda

SOLIDWORKS ENTERPRISE PDM WEB2 – What is it?

WEB2 Capabilities Overview

WEB2 Demo

WEB2 Configuration Options

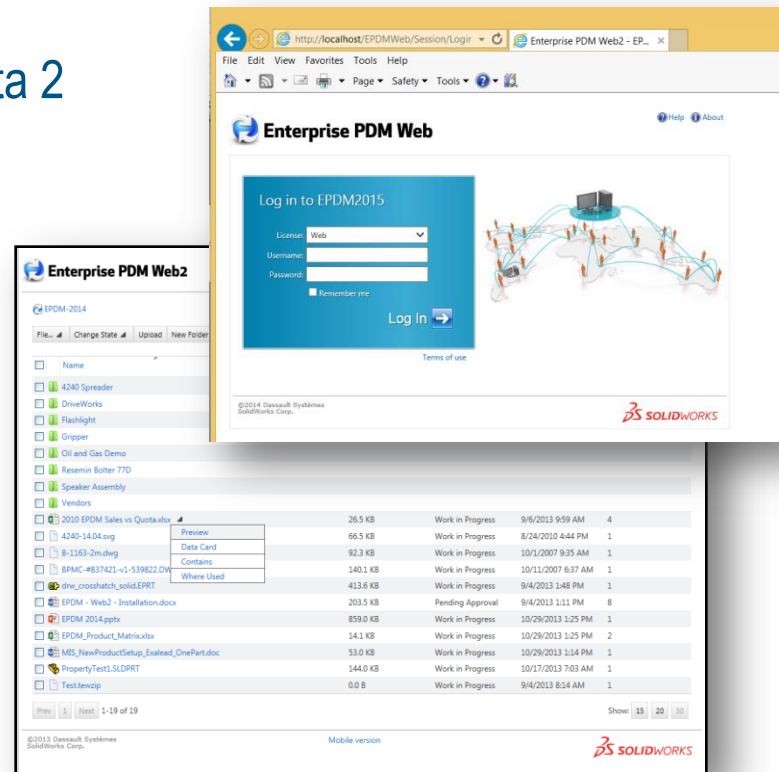
WEB2 Installation

WEB2 Limitations

Compare EPDM Web Access to WEB2

EPDM Web2 – What is it?

- New EPDM web interface available in Beta 2
- Available on multiple browsers
- Available on mobile devices
- Easier to use than existing web tool
- Use as a viewer or contributor



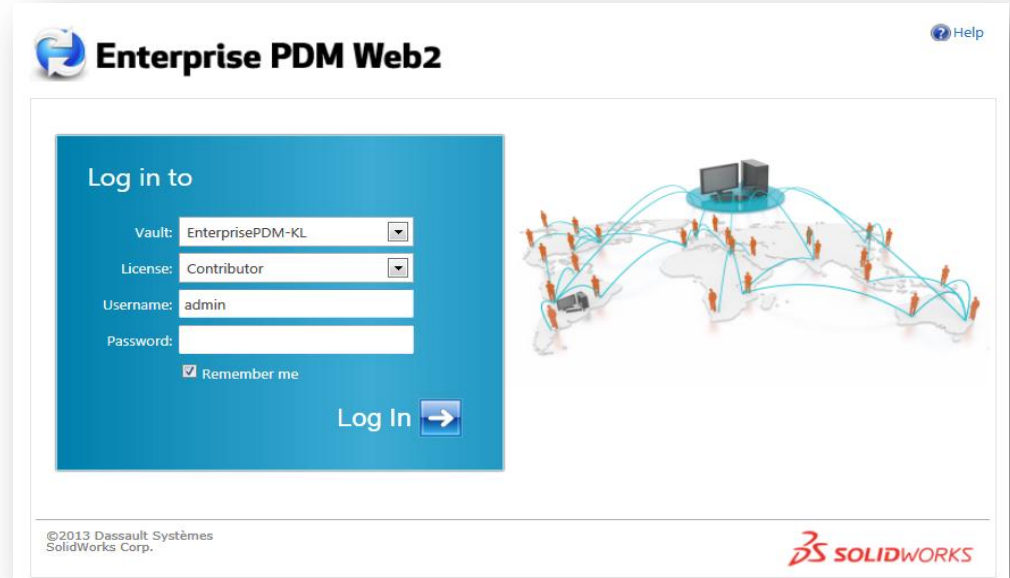
EPDM Web Capabilities

- Searching
- Viewing
- Workflow
- Contains and Where Used information
- File Operations
- Mobile Version

EPDM Web Capabilities

Full version log in screen

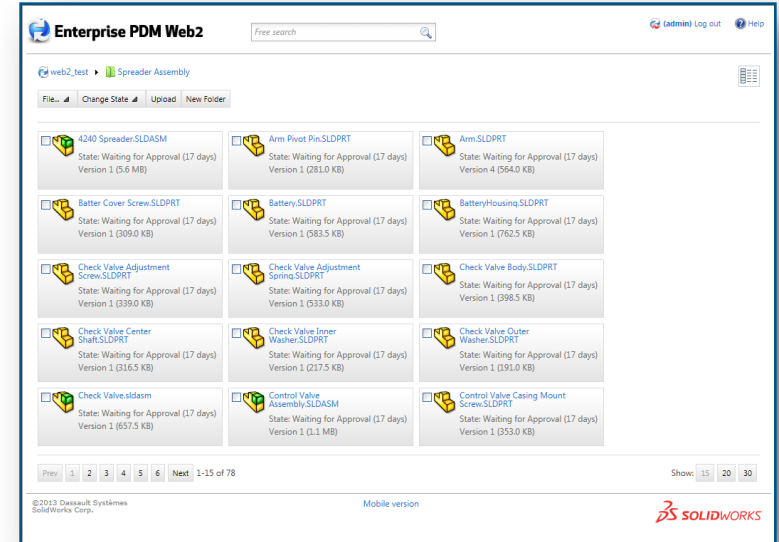
- Remember Me saves vault and username information
- Access to multiple vaults
- Choice of license type to use (Viewer or Contributor)



EPDM Web Capabilities

Full version folder list UI

- Full vault browsing
- Sortable and resizable columns
- Searching



EPDM Web Capabilities

File detail view

- Preview
- Access to data card variable data
- Collapsible Contains and Where Used
- Change State
- Download / Upload Files
- Viewing

The image displays three overlapping screenshots of the Enterprise PDM Web2 interface. The top screenshot shows the main navigation and search area. The middle screenshot shows the file details for '010461.doc'. The bottom screenshot shows the file details for '4240 Spreader.SLDASM' with a 'Change State' dialog box open over it.

Change State Dialog Box:

- Transition: Passed Approval
- Comment: [Text input field]
- File: 4240 Spreader.SLDASM
- Current State: Waiting for Approval
- Buttons: Change State, Cancel

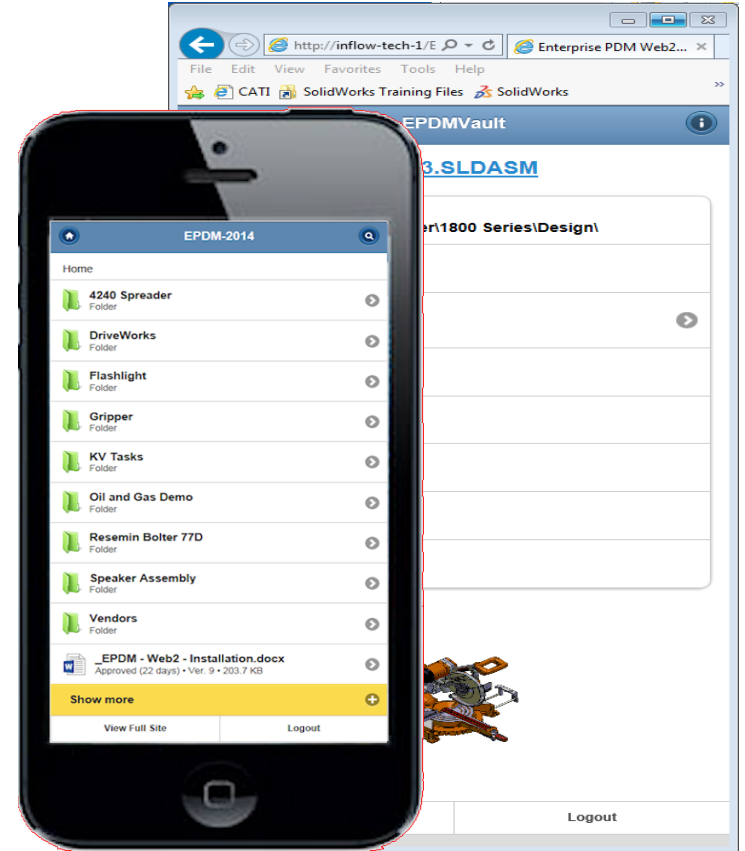
File List Table:

Name	Days in state	Modified	Version
4240 Spreader.SLDASM	17	1/20/2014 7:32 AM	1
Arm Pivot Pin.SLDPRT	17	1/20/2014 7:32 AM	1
Arm.SLDPRT	17	1/20/2014 7:32 AM	4
Handle mount bolt bushing.SLDPRT	17	1/20/2014 7:32 AM	1
Handle Mounting Hex Bolt.SLDPRT	17	1/20/2014 7:32 AM	1
Pivot Pin Bushing.SLDPRT	17	1/20/2014 7:32 AM	1
Pivot Pin Lock Nut.SLDPRT	17	1/20/2014 7:32 AM	1
Pivot Pin Washers.SLDPRT	17	1/20/2014 7:32 AM	1
Tip Pin.SLDPRT	17	1/20/2014 7:32 AM	1
Tip2.SLDPRT	17	1/20/2014 7:32 AM	1
Yoke Half.SLDPRT	17	1/20/2014 7:32 AM	1
Handle Assembly.sldasm	17	1/20/2014 7:32 AM	1
Batter Cover Screw.SLDPRT	17	1/20/2014 7:32 AM	1
Battery.SLDPRT	17	1/20/2014 7:32 AM	1
BatteryHousing.SLDPRT	17	1/20/2014 7:32 AM	1

EPDM Web Capabilities

Mobile Version

- Browse folders
- View file information and thumbnails
- Search
- Change State
- iOS Home Screen Icon



EPDM Web Overview

- Live Demo

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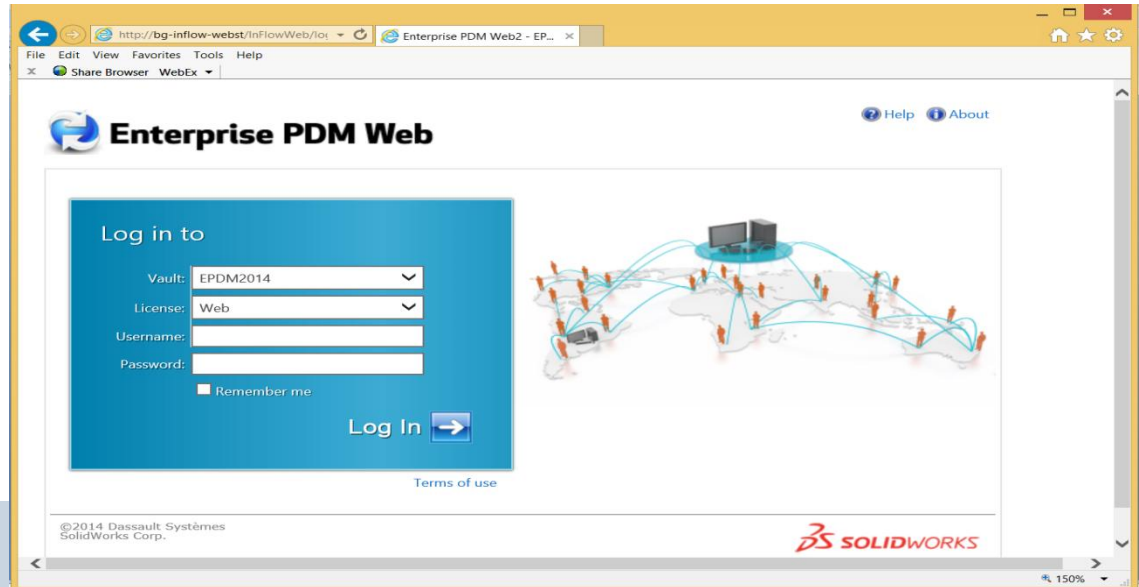
WEB2 Limitations

Compare EPDM Web Access to WEB2

EPDM Web Configuration Options

Web Page Options

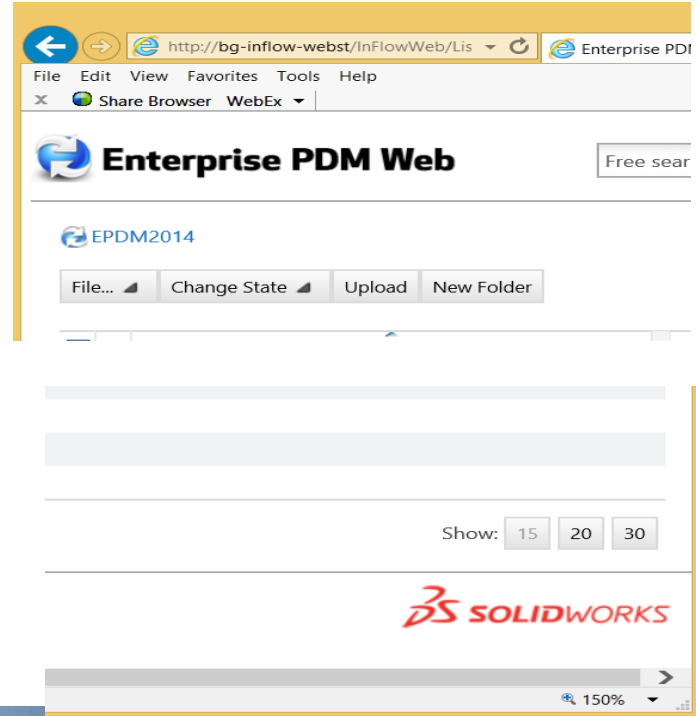
- Login Background Image
 - 826 x 462 dimensions
 - Images\login-bg.png



EPDM Web Configuration Options

Web Page Options

- Header Image
 - 400 x 50 dimensions
 - Images\header-logo.png
- Footer Image
 - 152 x 34 dimensions
 - images\footer-logo.gif



EPDM Web Configuration Options

Web Page Options

(1) Header Image (2) Search Attributes (3) Columns (4) Footer Image (5) File List Page Size

The screenshot displays the Enterprise PDM Web interface. The header includes the logo, navigation menu, search bar, and user options. The main content area shows a file list table with columns for Name, Checked out, Size, State, Days in state, Modified, Version, Description, and Revision. The footer contains copyright information, a mobile version link, and the SolidWorks logo.

1 Header Image

2 Search Attributes

3 Columns

5 File List Page Size

4 Footer Image

Name	Checked out	Size	State	Days in state	Modified	Version	Description	Revision
A046040.SLDASM		3.5 MB	Approved	48	7/15/2014 8:33 AM	7	CONTROL BOX A...	B
A046040.SLDDRW		1.6 MB	Approved	48	7/15/2014 8:40 AM	7	CONTROL BOX A...	B
A046041.slddrw		390.5 KB	Approved	48	7/15/2014 8:40 AM	6	FRAME	B
A046041.SLDPRT		279.5 KB	Approved	48	7/15/2014 8:32 AM	6	FRAME	B
A046042.SLDDRW		353.0 KB	Approved	48	7/15/2014 8:30 AM	3	INDICATOR LABEL...	A
A046042.SLDPRT		1.8 MB	Approved	48	7/15/2014 8:21 AM	3	INDICATOR LABEL	A
A046043.SLDASM		970.0 KB	Approved	48	7/15/2014 8:21 AM	3	ENCLOSURE ASSE...	A
A046043.SLDDRW		356.0 KB	Approved	48	7/15/2014 8:30 AM	3	ENCLOSURE ASSE...	A
A046044.SLDDRW		324.0 KB	Approved	48	7/15/2014 8:30 AM	3	STANDARD HINGE	A
A046044.SLDPRT		518.0 KB	Approved	48	7/15/2014 8:21 AM	3	STANDARD HINGE	A
A046045.SLDDRW		302.5 KB	Approved	48	7/15/2014 8:30 AM	3	HINGE PIN	A
A046045.SLDPRT		353.5 KB	Approved	48	7/15/2014 8:21 AM	3	HINGE PIN	A
A046046.SLDDRW		586.0 KB	Approved	48	7/15/2014 8:30 AM	3	ENCLOSURE BOX	A
A046046.SLDPRT		1.7 MB	Approved	48	7/15/2014 8:21 AM	3	ENCLOSURE BOX	A
A046047.SLDDRW		486.5 KB	Approved	48	7/15/2014 8:30 AM	3	ENCLOSURE DOOR	A

EPDM Web Configuration Options

Configuration Options (web.config)

- Data card editing
 - Can the data card values be edited?
 - Which data card values can be edited?
 - Variable Aliases
- Column Sets
- Date Format
- Search only in latest versions
- Search variables
- Show EDRAWING or PDF icon
- Variable Alias (convert variable name to web display name)
- Site timeout (change in application pool)

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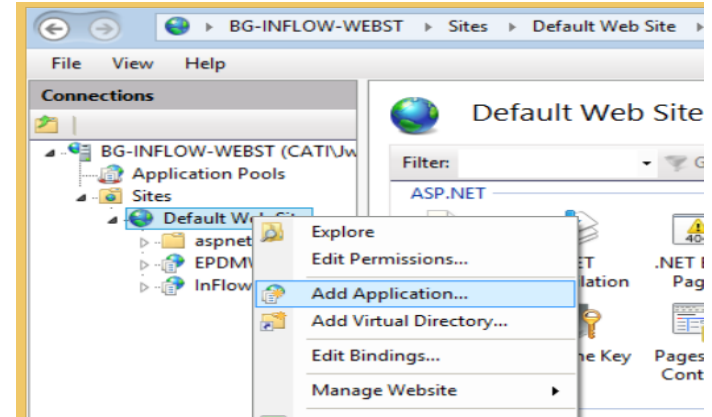
WEB2 Installation and Prerequisites

WEB2 Limitations

Compare EPDM Web Access to WEB2

EPDM Web2 Installation

- EPDM_Web2_Getting_Started_Guide_ENG.doc
- Run 552121_Web2-B2.exe (get this from your reseller)
 - Files extracted into Program Files Directory
 - Getting started guide and help guide extracted into the content folder
- IIS Manager
 - Create Application Pool with Domain Privileges
 - Add Application under the Default Web Site
 - Add application under default web site
 - Browse to extracted folder



EPDM Web Prerequisites

Hardware/Software Requirements

- SOLIDWORKS Enterprise PDM 2014+ Viewer or Contributor Client
 - Viewer client if using for viewing
 - Contributor client if using for viewers or contributors
- Windows 2008 R2 Server or greater
- Internet Information Services 7.0
- .NET 4.0
- Browser Requirements
 - Internet Explorer 10.0 or later
 - Chrome 17 or later
 - Firefox 11 or later
 - Safari 5.1 or later

EPDM Web Licensing

Licensing Requirements

- Must have available EPDM license
 - For “Web” login, the web will use an Editor or Contributor license, depending on your server install
 - For “Viewer” login, the web will use a viewer if available
- License is NOT released when you log out of the website
 - License is released upon Application Pool recycle (license is being held by the service)
 - Change the recycle options in the application pool to recycle more often

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WEB2 Limitations

WEB2 vs. EPDM Web Access

EPDM Web Limitations

- No template functionality
- Data cards do not translate well
 - No tabs, control by variable, or control logic supported
 - Images not supported
 - Radio buttons appear as drop down lists
- No API for the web
- Workflows
 - No authentication during transitions
 - No web based notification (except under actions)

The screenshot shows a web interface for a drawing titled 'Sheet1'. It features two tabs: 'Drawing Info' and 'Comments'. The 'Drawing Info' tab contains the following fields:

Drawing No:	A046040	Revision:	B
Description:	CONTROL BOX ASSEMBLY		
Created By:	JW	Date:	07/15/2014
Checked By:	AF	Date:	2014-07-15
Vendor:		Cost:	269.04
		Material:	ABS

To the right of these fields is the 'InFlow Technology' logo with the tagline 'PLM for Every business'. Below the logo, the document status is shown as 'Approved', with 'Current State: Approved' and 'Checked out by:' fields. A 'Last version comment' field is also present.

The screenshot shows a data card for 'Sheet1' with the following information:

Approved by	AF
Approved On	2014-07-15
Author	JW
Comment	
Cost	269.04
Date	07/15/2014
Description	CONTROL BOX ASSEMBLY
Material	ABS
Number	A046040
Revision	B
Vendor	
Watermark	

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WEB2 vs. EPDM Web Access

EPDM Web2 vs. Web Access

WEB2

- Browser independent (mobile access)
- No application installation required
- Embedded viewer
- Simplified Data Card
- Works with viewer or contributor license
- Works better with transitions

Web Access

- Internet Explorer Only
- Web Active X plug-in installation required
- No Embedded Viewer
- Complete Data Card
- Works with CAD Editor or Contributor Only
- Limited functionality with transitions (cannot update variables predictably)

Questions

Justin Webster – Director, InFlow Technology

- Contact Information
 - Justin.webster@inflow-tech.com
 - 847-499-8028
- For a copy of all CATI and InFlow presentations please go to <http://www.cati.com/sww2015>

CATI and InFlow Presentation Schedule

Monday February, 9th

- **Discovering and Understanding SOLIDWORKS Dismissed Messages** - 1:30pm-2:30pm - Room North 229, Bryan Pawlak and Phil Whitaker
- **SOLIDWORKS Composer: As Easy as Building with Legos** - 1:30pm-2:30pm – Room North-225B, Brian Reel
- **Achieving Extreme SOLIDWORKS Performance: Hardware/Configuration** - 2:45-3:45pm - Room North-121A-C, Adrian Fanjoy and Josh Altergott
- **Configuring SOLIDWORKS Toolbox** - 2:45-3:45pm - Room North-124A/B, John Van Engen
- **Successfully Prepare for Your EPDM File/Data Migration** - 2:45-3:45pm - Room North-120B-C, Jeff Barker

Tuesday February, 10th

- **SOLIDWORKS Duct Tape & Bailing Wire: Creative Solutions to Everyday Problems**- 1:30-2:30pm - Room North 129A/B, Josh Altergott and Adrian Fanjoy
- **Drawings: Setup of Templates and Sheet Formats**- 1:30-2:30pm - Room North-221, Jim Krivoshein
- **EPDM Web: Implementing and Configuring** - 1:30pm-2:30pm - Room North-121A-C, Justin Webster
- **How to Build and Maintain Effective Design Tables** - 2:45-3:45pm - Room North-120D, Josh Altergott
- **DriveWorksXpress Essentials Hands-On Lab** – 4:30pm-6:00pm - Room North-227C, Ryan Dally

Wednesday February, 11th

- **Achieving Extreme SOLIDWORKS Performance: Modeling Methodology** - 2:45-3:45pm - Room North-120D, Josh Altergott, and Adrian Fanjoy
- **Sharing Assemblies—Without Giving It All Away**- 2:45-3:45pm - Room North-221, Jim Krivoshein

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