



Teamcenter Express Installation/Setup for Administrators

UGS

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Teamcenter Express Overall Agenda



Monday 101 B	Wednesday 103 C	Thursday 103 B	Thursday 201 A
UGS Velocity Series General Session	UGS Velocity Series- Tc Express	UGS Velocity Series	Training Session 10:30 - 12:00
3:45pm	Teamcenter Express Overview - Barry Dudley, UGS		Getting started with Teamcenter Express
Velocity Series Teamcenter Express Overview - Barry Dudley, UGS	10:15 - 10:30 Break	12:00 - 1:00 Lunch	Training Sessions 1:00 - 3:15
	UGS Velocity Series- Tc Express	UGS Velocity Series (2:45pm)	Getting started with Teamcenter Express
	Teamcenter Express User Interface; Teamcenter Express Use Cases - Todd Schoen, UGS	Microsoft SQL Server Configuration for Insight and Teamcenter Express - UGS (Microsoft?)	<p>Getting started with Teamcenter Express – Training Workshop</p> <p>This 90-minute workshop will provide attendees with their first experience of using Teamcenter Express for everyday tasks and processes. An introduction to the Teamcenter Express User Interface Navigator, Explorer and Data panels will be followed by exercises to discover how to use Teamcenter Express for individual, team and company-wide activities.</p>
	Teamcenter Express Options - Jim Mays, UGS		
	12:00 - 1:00 Lunch	3:15 - 3:45 Break	
	UGS Velocity Series- Tc Express		
	Teamcenter Express & Solid Edge Embedded Client for Users - UGS		
	Teamcenter Express User Presentation - Jack Beeckman, Libert		
	Teamcenter Express for NX and I-deas NX Series Users - UGS		
	3:15 - 3:45 Break		
	UGS Velocity Series- Tc Express		
	Teamcenter Express Workflow templates for Administrators - Todd Schoen, UGS		
	Teamcenter Express Installation/Setup for Administrators - Abhijit Dastidar, UGS		



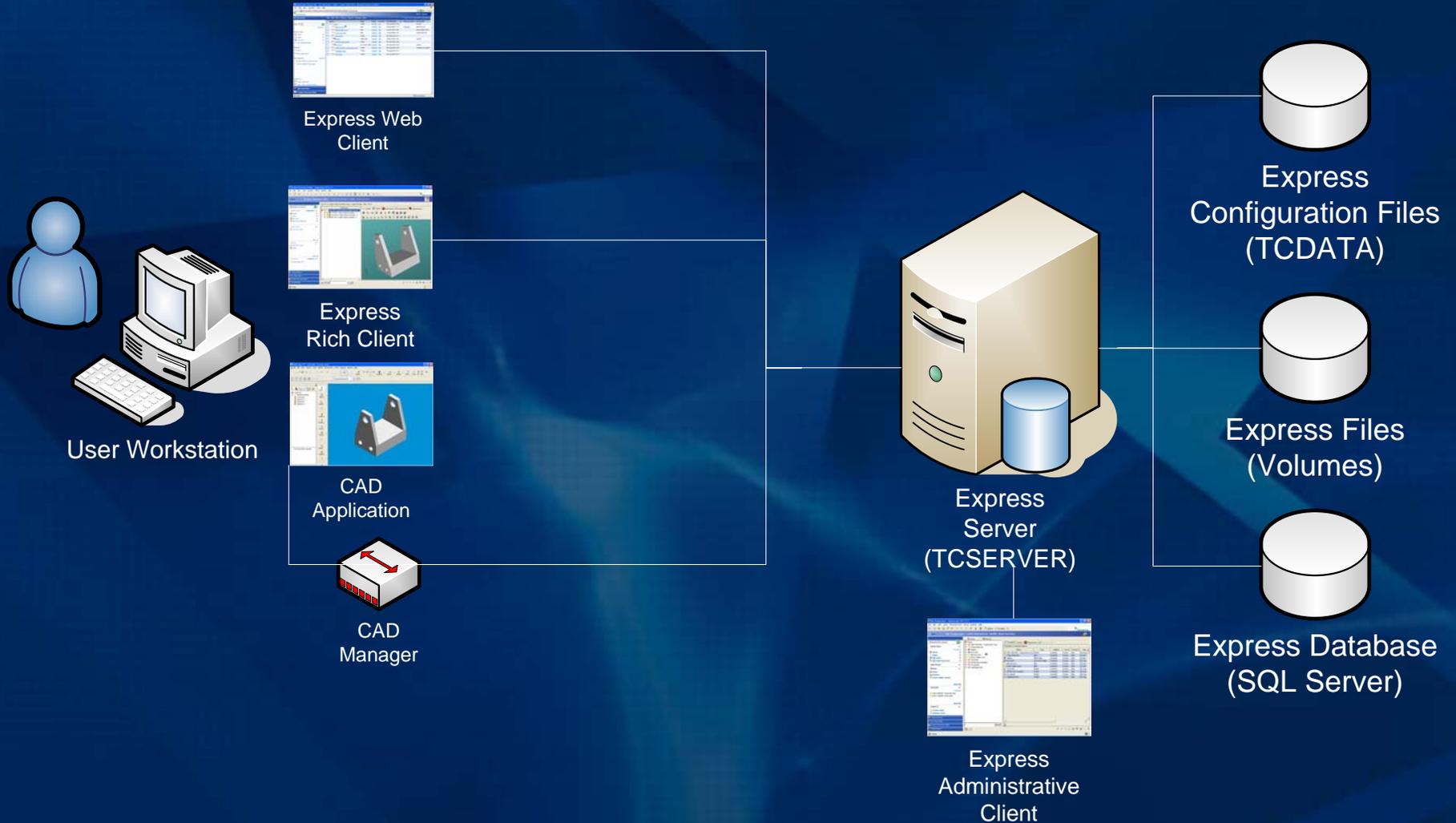
Agenda



- ▶ Teamcenter Express architecture
- ▶ Components of Teamcenter Express installation
- ▶ Hardware requirements
- ▶ Simplified installation
- ▶ Preconfigured to suit mid market



Simple Deployment





Teamcenter Express Volumes



- ▶ Volumes are directories that are created and used by Teamcenter Express to store files
- ▶ The database retains the information for volume location and name
- ▶ Users cannot directly access files in volumes, but must use a Teamcenter Express session
- ▶ Files in Teamcenter Express volumes are never modified: they are versioned, which means that files are created and deleted but never edited in place



Minimum System Configuration



➤ Server

- Operating system Microsoft Windows Server 2003
- Computer Intel Pentium 4 or AMD Athlon processor
- Hard disk space 2 GB or more RAM, 60 GB of disk space for installation
Minimum resolution: 1,024x768, 65K colors
CD-ROM (local or network) for installation
DVD+RW
- Microsoft SQL Microsoft SQL Server 2005 or 2000 Enterprise or Standard Server Edition



Minimum System Configuration



➤ Client

- Operating system Microsoft Windows XP Professional or Microsoft Windows 2000
- Computer Intel Pentium 4 or AMD Athlon processor
1GB or more RAM, 40GB of disk space for installation, Minimum resolution: 1,024x768, 65K colors, CD-ROM (local or network) for installation.



Installation and Setup



- ▶ Create a fully configured server environment that is available for immediate use upon installation, and is based on a typical company configuration
- ▶ Deliver a single install program to install and configure:
 - SQL Server database, default volume
 - Rich client and Web client
 - Online help
 - Preconfigured processes, users, roles, use cases, and so on





Demo



Product Demonstration



Installation and Setup



- ▶ Single setup supports both server and client installs
- ▶ Server - *Installed on Windows Server 2003*
 - Typical install configures a working environment with minimal prompts with a custom install to add additional features
 - Auto create database, volume, workflows, menu suppression, and so on
 - Automatically configure IIS Web server, admin client, license server
- ▶ Client - *Installed on XP or Windows 2000*
 - Silently install two-tier Teamcenter Express configuration
 - Auto detect NX, Solid Edge, AutoCAD and install appropriate managers
 - Auto install and configure embedded viewer



Teamcenter Express *Options*



- ▶ Multi-CAD
- ▶ Multi-site
- ▶ ERP Configuration
- ▶ Classification
- ▶ Evolution to Teamcenter



Teamcenter Express *Localization*



- ▶ Localization
 - Teamcenter Express V1.1 supports 10 languages





Teamcenter Express *Preconfigured*



- ▶ Database 
- ▶ Organization 
- ▶ Groups 
- ▶ Roles 
- ▶ Volume 
- ▶ Workflow 



Teamcenter Express *Organization*



- ▶ Express_Organization
 - Engineering
 - ▶ Author
 - ▶ Checker
 - ▶ Manager
 - Management
 - ▶ Manager
 - Consumer
- ▶ Project Administration
 - ▶ Project Administrator
- ▶ dba
 - ▶ DBA



Teamcenter Express

Item Types



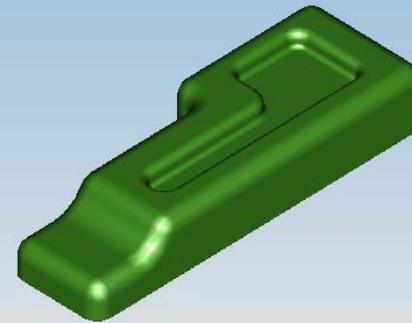
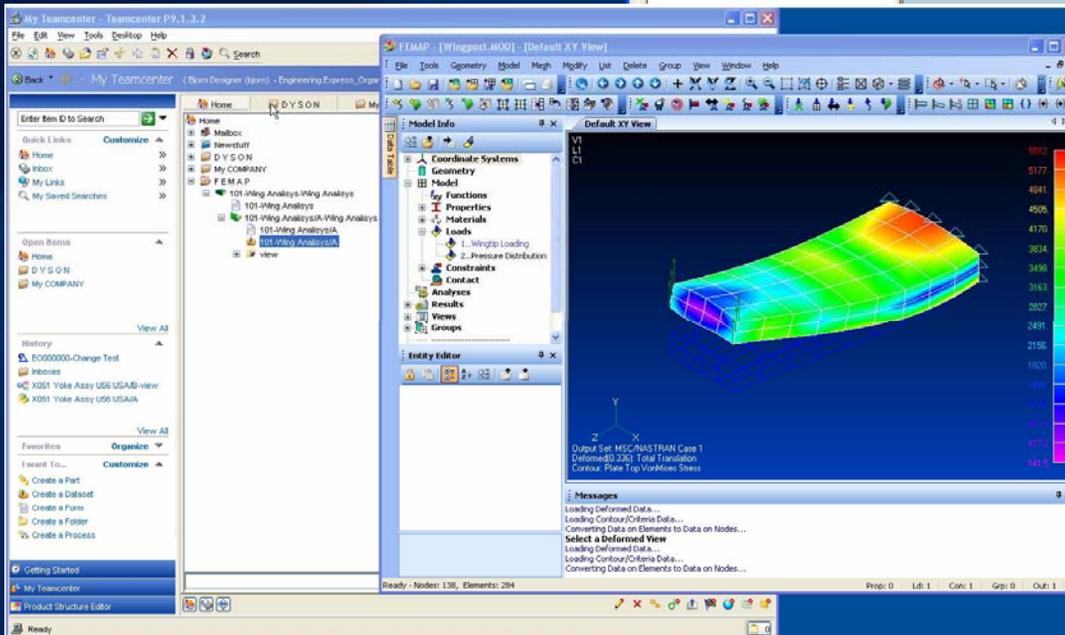
- ▶ Item 
 - Use to create all product parts
- ▶ Standard 
 - Use to create purchased or standard components
- ▶ Document 
 - Use to hold all types of documents (that is, MS Word, Excel, PowerPoint)
- ▶ Eng_Order 
 - Use to hold all parts involved in an engineering change



Teamcenter Express Dataset Types



- ▶ PCF
- ▶ FEMAP





Teamcenter Express Workflow Templates



- ▶ Status Overview
- ▶ Templates
 - Development Release
 - Product Release
 - Engineering Order
 - Status Change
 - Obsolescence Process

Status	Icon	Description
None	-	In Process
10	10	Check Rejected
20	20	In Checking
30	30	Development Release
40	40	
50	50	
60	60	Production Release
70	70	
80	80	
90	90	Obsolete



Express Client & Web Client



- ▶ Teamcenter Express implements a familiar, standard user interface that has been configured to meet the needs of the target market
 - Microsoft® Outlook™ look and feel
 - Dynamic user interface

The image displays two overlapping screenshots of the Teamcenter software interface. The background screenshot shows the 'Teamcenter Express Web' interface in a Microsoft Internet Explorer browser window. The interface includes a top navigation bar with 'File', 'Edit', 'View', 'Favorites', and 'Tools' menus. Below this is a 'TEAMCENTER' header and a main content area with a table listing various items. The table has columns for 'Name', 'Type', 'Owner', 'Group ID', 'Date Modified', and 'CO'. The foreground screenshot shows the 'Product Structure Editor' application window. The title bar reads 'Product Structure Editor - Teamcenter V9.1.2.7'. The interface includes a menu bar with 'File', 'Edit', 'View', 'Tools', 'Graphics', 'Debug', 'Desktop', and 'Help'. The main area is divided into several panes: a 'Quick Links' pane on the left, a 'BOM Line' tree view in the center, and a 3D CAD model of a bicycle assembly on the right. The 3D model shows various components like gears, sprockets, and a pedal, with dimension lines indicating measurements such as 17.67 mm and 15.24 mm.



Demo



Product Demonstration



Teamcenter Express

User Interface (Simplified)



- ▶ Rich and Web clients with Outlook 2003 style interface
 - Consistent look and feel for rich and Web client
 - New navigation panel to make common things more accessible
- ▶ Teamcenter Express-driven UI enhancements
 - Added “I want To...” items to invoke wizards to help users get started on common tasks
 - Added “My Saved Searches” to help users find their parts or files when transitioning from a file-based system to PDM



Teamcenter Express *Utilities*



- ▶ **Status Manager**
 - A way to move a product through its life cycle as an alternative to using workflow
- ▶ **Dataset Properties**
 - Allows you to get directly to dataset properties instead of first going to named references
- ▶ **Item Rename**
 - Allows you to rename an item and item revision in one operation



Demo



Product Demonstration



Installation Order



▶ Server

- Microsoft Windows Server 2003
- MS SQL Server 2000/2005 Standard or Professional
- Teamcenter Express server

▶ Client (XP/2000)

- CAD software
- Teamcenter Express client (NX and AutoCAD managers installed Automatically)
- Remaining CAD Managers



Final Thoughts...



- ▶ Easy to install
- ▶ Easy to maintain
- ▶ Preconfigured



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*Transforming the
process of innovation*



Q&A

Thank you

