# Teamcenter Express Overall Agenda

<table>
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<tr>
<th>Monday 101 B</th>
<th>Wednesday 103 C</th>
<th>Thursday 103 B</th>
<th>Thursday 201 A</th>
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<tr>
<td><strong>UGS Velocity Series General Session</strong>&lt;br&gt;3:45pm</td>
<td><strong>Teamcenter Express Overview</strong>&lt;br&gt;- Barry Dudley, UGS</td>
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<td><strong>Training Session</strong>&lt;br&gt;10:30 - 12:00</td>
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<td><strong>Velocity Series</strong>&lt;br&gt;Teamcenter Express Overview&lt;br&gt;- Barry Dudley, UGS</td>
<td><strong>Teamcenter Express Overview</strong>&lt;br&gt;- Todd Schoen, UGS</td>
<td><strong>Microsoft SQL Server Configuration for Insight and Teamcenter Express</strong>&lt;br&gt;- UGS (Microsoft?)</td>
<td><strong>Getting started with Teamcenter Express</strong>&lt;br&gt;1:00 - 3:15</td>
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<td><strong>Teamcenter Express User Interface;</strong>&lt;br&gt;Teamcenter Express Use Cases&lt;br&gt;- Todd Schoen, UGS</td>
<td><strong>Teamcenter Express Options</strong>&lt;br&gt;- Jim Mays, UGS</td>
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<td><strong>Teamcenter Express &amp; Solid Edge</strong>&lt;br&gt;Embedded Client for Users&lt;br&gt;- UGS</td>
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**Getting started with Teamcenter Express – Training Workshop**

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.
Agenda

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

- User Workstation
  - CAD Manager
  - CAD Application
  - Express Rich Client
  - Express Web Client

Express Server (TCSERVER)
- Express Configuration Files (TCDATA)
- Express Files (Volumes)
- Express Database (SQL Server)
- Express Administrative Client
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

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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
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
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

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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**
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
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

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Final Thoughts…

- Easy to install
- Easy to maintain
- Preconfigured