



Raising
the Value of your
Product Data

ITI TranscenData

TranscenData
- An ITI Business
5303 DuPont Circle
Milford, OH 45150
Phone: 513-576-3900
Fax: 513-576-3994
www.transcendata.com

DEXcenterTM

Release Notes

Release Notes for DEXcenter V5.3 (June 2007)

This document provides important information related to the new features and changes in V5.3 of DEXcenter. DEXcenter V5.3 provides support for both Windows and UNIX.

ITI TranscenData is pleased to announce DEXcenter 5.3 with upgraded CAD application support, new secure transmissions methods, and numerous other minor enhancements and error corrections.

Upgraded CAD Application Support

DEXcenter 5.3 supports the two most recent versions of all major CAD systems including Catia V5, Catia V4, UG, IDEAS, Pro/ENGINEER, Solidworks, and Autocad as well as complementary ITI products CADfix and CADIQ. The DEXcenter 5.2 release includes support for these CAD application versions:

- UG NX3, NX4
- IDEAS 11, 12
- Solidworks 2006, 2007
- Pro/ENGINEER Wildfire2, Wildfire 3
- Catia V5R16, V5R17
- Catia 4.2.x
- AutoCad 2004, 2005
- CADIQ 5
- CADfix 7.1
- IGESworks 6
- Teamcenter Visview JT Translators

CADIQ 5 supports the following CAD systems for quality analysis and comparison:

- UG
- IDEAS
- Pro/ENGINEER
- Catia 4.2.x
- Catia V5
- STEP

IDEAS translations directly to Parasolid and XPK formats are now supported.

SFTP Transmission Method Support

SFTP has been added as a supported transmission method and for internal DEXcenter DXS-DTS-DDS communication.

Other Enhancements

The following additional enhancements are included in DEXcenter 5.3:

- Realtime job status tables have been added to the MySQL database to facilitate monitoring the status of DEXcenter translations. The new tables include the following:
 - State_batch – lists batch jobs waiting to be processed
 - State_dts – shows status of jobs being processed by a DTS
 - State_session – lists status of all jobs prior to completion
 - State_map – lists status codes used in the other tables
- For IDEAS model files, if one of the .mf1 or .mf2 files is selected, the other file is automatically selected as well when using Browse From Local Disk.
- Browse From Local Disk now includes a file selection filter.
- Members can now define a default Directory which the Browse From Local Disk will initially display.
- Company is now included in the dexlog.txt usage report.
- Support is provided for configurable Pro/E config.pro files during autodetect.
- DOS format listing of IIS FTP is now recognized.
- Member profile parameters can now be added to the database and automatically recognized on the Member Profile forms.
- FTP profile parameters have been re-ordered to be more obvious.
- Additional DTS monitoring has been added to automatically detect and then either notify or notify and stop idle DTS sessions.
- Enhanced language support.

Error Corrections

The following error corrections have been included in the DEXcenter 5.3 release:

- 3319: UG assembly processing issues.
- 3276: SQL_and_Datastore_Init.bat failures.
- 3486: Eliminates errors when no password provided on member profile.
- 3469: Error if Company name includes an ampersand.
- 3407: Custom transmission method parameters editable in member profile.
- 3389: Supports Catia V5 filenames which contain a comma.
- 3473: Include Translated member profile parameter now working.
- 3448: Pro/E models submitted automatically with only 1 CSYS or Family Table.
- 3441: Queuing issues.
- 3468: My Profile errors.

Documentation Updates

The following information provides updates with respect to new features in DEXcenter 5.3 and should be used in conjunction with existing DEXcenter 5.2 documents.

Enabling SFTP Transmission Method

After installing or updating to DEXcenter 5.3, SFTP should now appear as a valid Transmission Method in the transmission_method database table. Individual member profiles will then have the option of choosing SFTP as the transmission method. If a member chooses SFTP as a transmission method, it will be necessary to provide additional information on the profile form specifying the SFTP host name, username, password, and optionally a start directory for a valid SFTP server.

To disable SFTP as a transmission method, simply delete the SFTP row from the transmission_method table.

Enabling SFTP for DataStore Transmission

SFTP can be enabled as the transmission method by which the DXS and DTS communication with the DEXcenter DataStore. On the Configuration, Editor, Datastore form enter SFTP as the DataStore transmission type. Of course an SFTP server must be operational on the DEXcenter DataStore computer.

Enabling SFTP for DEXcenter DTS-DXS Transmission

SFTP can be enabled as the transmission method by which the DXS and DTS exchange files. On the Configuration, Editor, DTS Configuration form, check the “Enable SFTP” box. If not checked, then standard FTP is used. An SFTP server must be operational on the DEXcenter DXS computer.

IDEAS to Parasolid and XPK formats

New parameters must be enabled in the SYSTEM.CFG to support the new IDEAS to Parasolid and IDEAS to XPK translation functions. The following parameters must be present:

```
PKG_LIBRARY_NAME=dexcenter_library  
XPK_LIBRARY_NAME=dexcenter_library_xpk  
PARASOLID_LIBRARY_NAME=dexcenter_library_parasolid
```

