Teamcenter EDA 2.0
Release Bulletin
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Chapter 1: Before you begin

Before you begin
This release bulletin contains:

• What's new announcements: These provide descriptions of new features.
  For more information, see What's new.

• Release notes: These describe workarounds for known problems.
  For more information, see Product release notes.

Hardware, software, and disk space requirements
The EDA client framework is supported only on Windows operating systems.

• For information about versions of operating systems, third-party software, and Teamcenter software configurations that are certified for the EDA platform, see the Siemens PLM Software Certification Database at the following URL:

  http://support.industrysoftware.automation.siemens.com/certification/teamcenter.shtml

• EDA platform recommendations conform to industry standards as detailed by the EDA Consortium at the following URL:

  http://www.edac.org/industry_roadmap.jsp

• For information about ECAD systems that integrate with Teamcenter, see the Teamcenter Integration Availability Matrix for ECAD Integrations at the following URL:


Global Technical Access Center (GTAC)
GTAC is the vehicle for Teamcenter communication. It provides a single repository of current, accurate, version-controlled Teamcenter information that is accessible through the Internet by authorized users. Maintained within GTAC is a wealth of information for the diverse mix of customers and employees in the Teamcenter community.

Information in GTAC includes, but is not limited to, the following:

• Certification announcements and bulletins

• Frequently asked questions
Chapter 1: Before you begin

- Product defect reports
- Enhancement requests
- Patches and technical documentation
- Shareware customizations
- Tips pertaining to Teamcenter customization, performance, and administration
- Product information, customer success stories, and user conference presentations

GTAC can be accessed from the Siemens PLM Software Web site or directly through its Web server at the following Web site:
http://support.industrysoftware.automation.siemens.com

You must have a WebKey account to access GTAC. A customer WebKey account is a single point of authentication that allows customers to access product information and associated support tools. WebKey accounts are strictly limited to Siemens PLM Software employees and to people or companies who belong to the Teamcenter community through contractual agreements with Siemens PLM Software pertaining to Teamcenter. Requests for access to GTAC using a WebKey account can be directed to the following Web site:
https://plmapps.industrysoftware.automation.siemens.com/webkey/
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Chapter 2: Support announcements

Overview of feature support announcements

As Siemens PLM Software enhances Teamcenter EDA, some features are deprecated or made obsolete.

- *Deprecated* features will be removed in a future version of Teamcenter EDA.
- *Obsolete* features are either removed from Teamcenter EDA or may be removed without further notice.

If a feature you use is deprecated, read the deprecation announcement to learn of any replacement feature. Migrate to the replacement feature as soon as possible to avoid problems when the deprecated feature becomes obsolete.

Deprecated feature announcements

- **Deprecated preferences**
  (First published in Teamcenter 9.0)

  The following preferences are deprecated and will be obsolete in a future version of EDA:

  - EDALIB_Export_mapping_file and all preferences starting with this name
  - EDALIB_Import_mapping_file and all preferences starting with this name
  - EDALIB_PartTypeDefault
  - EDALIB_SymbolTypeDefault
  - EDALIB_FootprintTypeDefault
  - EDALIB_PadstackTypeDefault
  - EDAComPart Revision_EDAComAllegro_default_relation
  - EDAComPart Revision_EDAComExpedition_default_relation
  - EDAComPart Revision_EDAComMentorBS_default_relation
  - EDAComPart Revision_EDAComPADS_default_relation
  - EDAFootprint Revision_EDAComAllegro_default_relation
  - EDAFootprint Revision_EDAComExpedition_default_relation
Obsoleted feature announcements

- **Preference dialog box for EDA design operations**
  (First published in EDA 1.2)
  
  The *Preference* dialog box available in the EDA design mode is obsolete.
  You can specify the default folder for saving the designs in the *Save As* dialog box.
  You can specify the default check-in options using the *EDA_CheckInOptionDefault* preference.

- **Preferences tab for EDA library operations**
  (First published in EDA 1.2)
  
  The *Preferences* tab available in the EDA library mode is obsolete.
  You can specify the default check-in options by using the *EDALIB_CheckInOptionDefault* preference.
  You can specify the default folder to save new library objects by using the *EDALIB_SaveAsFolderDefault* preference.
You can specify the maximum number of objects shown on each page in the table by using the `EDALIB_ShowPartsMaxNumber` preference.

- **Import of library parts from Teamcenter**
  
  (First published in Teamcenter 9.0)
  
  The import of the ECAD part library from Teamcenter is obsolete and is replaced by the synchronization operations from the EDA library gateway.
Chapter 3: What’s new

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Chapter 3: What’s new

What’s new

• Ability to configure what template filters appear in workflows.

• Automatic synchronization of Mentor Xpedition files.

• New style sheets are available that display EDA objects in the Active Workspace. You must register the style sheets, modify other out of the box style sheets, and configure Relations Browser to view EDA objects in Active Workspace.

• Teamcenter EDA now allows dynamic menu creation for Cadence.

• The following customization support is available for OrCAD:
  o Menu customization for OrCAD PCB Editor.
  o New PCB dataset type for OrCAD PCB designs.
  o New family OrCAD in the staging directory.
  o Open the designs from the Teamcenter rich client using OrCAD PCB Editor.
Chapter 4: Product release notes

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Product release notes

• Saving design attributes to Teamcenter
  (First published EDA 1.2)
  EDA support for saving ECAD design attributes to Teamcenter is restricted to the following tools:
  o Altium Designer
  o Cadence Allegro
  o Cadence OrCAD
  o Mentor Expedition

• Support for collaboration
  (First published EDA 1.2)
  Only ECAD tools that support the use of IDF or IDX files can use the collaboration functionality. The use of IDX files is recommended.

• Longer folder path problem on the Windows operating system
  (First published Teamcenter 8.1)
  The Windows operating system cannot create a folder if the length of the absolute path of the folder is greater than 248 characters. If the Tc_Allow_Longer_Id_Name preference is set to true, and the user assigns a long item ID for a PCABase item type during the Save As operation, the Zuken connector fails to create the circuit directory and displays an error message.
  
  How to work around or avoid
  
  Limit the length of the PCABase item ID to less than 32 characters to avoid possible problems with circuit directory creation.

• Problems launching Teamcenter EDA with a 64-bit version of the rich client
  (First published Teamcenter 10.1)
  Not all supported ECAD applications offer 64-bit versions. Additionally, Teamcenter EDA is available as a 32-bit or a 64-bit version. There may be problems when a 64-bit version of the rich client launches a 32-bit EDA product.
  
  How to work around or avoid
  
  You must use different versions of Java if you have a 64-bit rich client and a 32-bit EDA product.
To ensure that EDA uses the correct version of Java, create a new system environment variable named TCEDA_JAVA_HOME. The value of this variable must be the path of the 32-bit Java version.
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About Siemens PLM Software

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