



Trimble Business Center

Enterprise Deployment Guide

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Overview

This document describes the various methods a system administrator can use to install (deploy) Trimble Business Center on multiple computers on their Windows-based network (enterprise) more quickly and efficiently than copying the Installation download to each computer and performing the installation manually.

The document includes the following sections:

- Windows installer package file - This section explains the purpose of the Windows installer package file Trimble Business Center.msi and how it is used in the deployment process.
- Deployment methods - This section describes several basic methods you can use to deploy Trimble Business Center.
- Prerequisite programs. - This section lists the prerequisite programs that must be installed prior to installing Trimble Business Center.
- Deploy using Msiexec.exe - This section describes the command options and parameters used to run Msiexec.exe directly.
- Deploy software updates using Msiexec.exe - This section explains how to download software updates and deploy them using Msiexec.exe.
- Deploy using Setup.exe - This section describes command options and parameters used to run Setup.exe.
- Configure application and project settings - This section explains how to customize Trimble Business Center application and project settings on enterprise computers after installation is complete.

Note on licensing:

To access licensed features in Trimble Business Center, each user must either have a Sentinel HASP single-user hardware key installed on his computer or have access to a Sentinel HASP multi-user key installed on a network server. For more information on network licensing, see the *Network Licensing Read Me* document.

Windows installer package file

Your Trimble Business Center Installation download includes the Windows installer package file Trimble Business Center.msi. This file must be processed with the Windows installer program Msiexec.exe to install Trimble Business Center on a target computer. The Msiexec.exe program is included with your Windows operating system. You can run the Msiexec.exe program to remotely install and customize Trimble Business Center on any computer on your Windows-based network from a single Trimble Business Center.msi file.

Trimble Business Center.msi can be processed to install Trimble Business Center using either of the following methods:

- **Msiexec.exe** - Run the Windows installer program Msiexec.exe directly to process the Trimble Business Center.msi file. Use command options and parameters to customize the installation. Note that all prerequisite programs must be installed prior to running Msiexec.exe. For more information on running Msiexec.exe directly, see [Deploy using Msiexec.exe](#).
- **Setup.exe** - Run the Trimble Business Center installation program Setup.exe to (1) install all prerequisite programs and (2) invoke the Msiexec.exe program to process the Trimble Business Center.msi file. Use command options and parameters to customize the installation. For more information on running Setup.exe, see [Deploy using Setup.exe](#).

Deployment methods

You can use any of the following methods to install (deploy) Trimble Business Center on computers connected to your Windows-based network:

- Network share
- Scripting
- .MSI deployment

Note: Users must have Administrator privileges to install Trimble Business Center, regardless of the deployment method. If they do not have Administrator privileges, the setup must be deployed using the Windows Run As command to execute the program as an Administrator. See your Windows documentation for more information.

Network share

This deployment method incorporates the use of a "network share" folder that is accessible by other computers connected to the network. All of the Trimble Business Center installation files from the Installation download folder can be copied into the network share folder. Users can then be notified as appropriate to install Trimble Business Center remotely by double-clicking Setup.exe in the folder.

Note: Users must have Read permissions to access the network share.

Scripting

This deployment method incorporates the use of an installation script (typically a text file) containing a set of commands that can be executed on a computer with no user interaction. The installation script can be used to run Msiexec.exe or Setup.exe with the appropriate command-line options and parameters necessary to configure the installation as required.

You can run an installation script using any of the following methods:

- Run the script manually at each individual workstation.
- Notify each user with instructions on running the script.
- Set up the script so that it automatically runs on login.

For more information about using the Msiexec.exe program to install Trimble Business Center, see [Deploy Using Msiexec.exe](#).

For more information about using the Setup.exe program to install Trimble Business Center, see [Deploy Using Setup.exe](#).

.MSI deployment

This deployment method incorporates an enterprise deployment tool that supports the installation of Trimble Business Center on multiple computers using the Trimble Business Center.msi file.

For more information about using Microsoft enterprise deployment methods, see your Microsoft documentation.

For more information about using the Msiexec.exe program to install Trimble Business Center, see [Deploy Using Msiexec.exe](#).

Prerequisites

Installing Message Queueing (MSMQ)

Prior to installing any prerequisite program, Message Queuing must be installed on the operating system. When deploying using setup.exe, it is automatically installed. For other deployment methods, it can be enabled by either of the following methods:

To enable Message Queuing through the Windows Control Panel:

1. Open Control Panel.
2. Click Programs > Programs and Features > Turn Windows features on or off.
3. Expand the Microsoft Message Queue (MSMQ) Server node and select the Microsoft Message Queue (MSMQ) Server Core checkbox.
4. Click OK.

To enable Message Queuing from the Command prompt:

1. Open a Command prompt window with Administrative credentials (that is, choose Run as Administrator).
2. Run the following command:

```
DISM /Online /NoRestart /Enable-Feature
/FeatureName:MSMQ-Container /FeatureName:MSMQ-Server
```

Prerequisite Programs

The following table lists programs that must be installed prior to installing Trimble Business Center.

If you deploy using Setup.exe, the prerequisite programs are automatically installed as necessary using a built-in bootstrap application.

If you deploy using Msiexec.exe, you must first install the prerequisite programs listed here. This can be accomplished using a bootstrap application. The prerequisite programs can be downloaded from the following folders in the Installation download folder:

| Prerequisite | Prerequisite folder |
|--|-----------------------|
| .NET Framework 4.8 | NETFX48 |
| .NET Framework 3.5 SP1 | See note below |
| Microsoft Visual C++ 2015-2019 Redistributable Package (x64) | VCRedist2015-2019_x64 |
| Microsoft Visual C++ 2015-2019 Redistributable Package (x86) | VCRedist2015-2019_x86 |
| Microsoft Visual C++ 2013 Redistributable Package (x64) | VCRedist2013_x64 |

Prerequisites

| | |
|---|--------------------|
| Microsoft Visual C++ 2013 Redistributable Package (x86) | VCRedist2013_x86 |
| Microsoft Visual C++ 2012 Redistributable Package (x64) | VCRedist2012_x64 |
| Microsoft Visual C++ 2012 Redistributable Package (x86) | VCRedist2012_x86 |
| Visual Studio 2010 Tools for Office Runtime | VSTO2010 |
| Sentinel HASP Runtime | HASPSetup |
| Sentinel HASP Vendor Library | HASPVendorLib |
| Microsoft Windows Mobile Device Center 6.1 | WMDC61 (x64) |
| IFC Plugin | TeklaIFC |
| FARO LS | FAROLS |
| SitechCS ANZ Toolbox | ANZToolbox |
| SiteVision AR Exporter | SiteVisionAR |
| Convert To Rinex | ConvertToRinex |
| Configuration Toolbox | CToolbox |
| TBC External RESTful API | ExternalRestfulApi |
| TBC Activity Worker Service | WorkerService |
| Trimble Sync Manager | TSM |

Note: The Microsoft .NET Framework 3.5 SP1, which is required to operate Trimble Business Center, is not installed by default with the Microsoft Windows® 8, 8.1, and 10 operating systems. If you deploy using Msiexec.exe, it might be more efficient to install .NET Framework 3.5 SP1 manually on each client computer, prior to installing TBC. To manually install .NET Framework 3.5 SP1 on a client computer running Windows 8, 8.1, or 10 operating systems, open the Control Panel and select Programs and Features. Then select "Turn Windows features on or off" and select the Microsoft .NET Framework 3.5 check box. This option requires an Internet connection. If there is no Internet connection or the local group policy prohibits enabling optional Windows features through Windows Updates, the .NET Framework 3.5 SP1 can be installed offline by running the setup launcher (setup.exe). For more information, see "Deploy using Setup.exe" later in this document. If the .NET Framework 3.5 SP1 is to be installed offline on Windows 8 and 8.1 operating systems, the original Windows DVD is also required.

Note: Prior to installing prerequisite programs, it is recommended that you close all other applications. This will make it possible to update relevant system files.

Deploy using Msiexec.exe

The Windows Installer executable program Msiexec.exe can be used to install, modify, and perform other operations on the Trimble Business Center.msi file. Msiexec.exe is located in the Windows System folder (typically C:\Windows\system32).

The Trimble Business Center.msi program and the optional .msi installation packages are located in the following folders in the Installation download folder:

| MSI Package | Package folder |
|------------------------------|-------------------------|
| Trimble Business Center | TBC |
| Trimble Business Center Help | Help_<language culture> |
| Coordinate System Manager | CSM |
| Feature Definition Manger | FDM |
| Trimble Office Synchronizer | Synchronizer |
| Trimble SCS Data Manager | SDM |
| UASMaster | UAS |
| UASMaster Add-On | UASAddOn |

Note: Prior to installing Trimble Business Center on a computer, you must install the prerequisite programs listed in Prerequisite Programs. This can be accomplished using a bootstrap application. For more information about installing prerequisite programs, see Prerequisite programs.

Windows Installer command line options and parameters

Standard Windows installer command line parameters are used to run Msiexec.exe. The typical usage is:

```
msiexec /Option <Required Parameter> <Optional Parameter>
```

See "Command Line Examples" later in this section for examples of various commands using this syntax.

Common Windows Installer options

The following table lists the available installer options.

| Option | Parameters | Description |
|--------|---------------------|--|
| /i | Package (.msi file) | Installs the product. |
| /x | Package (.msi file) | Uninstalls the product. |
| /q | n b r | Determines how the Installation Wizard is displayed during installation: n = The Installation Wizard does not display. b = The Installation Wizard displays basic user interface. r = The Installation Wizard displays in read-only mode. |

Command line parameters

Command line parameters can be used to customize the installation by using the format <Parameter>=<Value>. The following table lists the available parameters. If a parameter is not specified on the command line, the default parameter value shown in the table is used.

| Parameter | Value | Default | Description |
|-----------------|--------------------------------------|--|---|
| INSTALLDIR | Path | C:\Program Files\Trimble\Trimble Business Center | Specifies the Trimble Business Center install location. |
| ProductLanguage | Locale ID (see Language table below) | 1033 | Specifies the language of the installation. |
| DESKTOP | true or "" (false) | true | Adds a shortcut to the desktop when Trimble Business Center is installed. |

| | | | |
|------------|--|-------------------------|---|
| VC90 | true or "" (false) | "" (false) | Machine control exporters for GCS900 12.5 through 12.8 are not installed by default. True enables their installation. |
| TRANSFORMS | Language transform (see Language table below) | 1033.mst (English – US) | Applies Windows Installer database to modify settings of an installation. |
| ADDLOCAL | Language Feature (see Language Features table below) | | Specifies additional language features to be installed. |

Languages for the TRANSFORMS parameter

The TRANSFORMS parameter can be used to modify the language of the installation. A transform file (.MST) with the name of the locale ID is required. The following table lists the supported languages.

| Language | Locale ID (LCID) |
|----------------------|------------------|
| Chinese – Simplified | 2052 |
| Czech | 1029 |
| Danish | 1030 |
| Dutch | 1043 |
| English - UK | 2057 |
| English - US | 1033 |
| Finnish | 1035 |
| French | 1036 |
| German | 1031 |
| Italian | 1040 |
| Japanese | 1041 |
| Korean | 1042 |
| Norwegian (Bokmal) | 1044 |
| Polish | 1045 |

| | |
|---------------------|------|
| Portuguese (Brazil) | 1046 |
| Russian | 1049 |
| Spanish | 1034 |
| Swedish | 1053 |

Program Features for ADDLOCAL parameters

In addition to the default language of the installation, the ADDLOCAL parameter can be used to enable the installation of other program features. This can include installing additional languages if more than one is required.

When enabling multiple features, use a comma to separate the features (for example, ADDLOCAL=Feature1,Feature2). The following table lists the available features for the ADDLOCAL parameters.

| Feature | Purpose |
|-------------------------|---|
| Program_Files_Chinese | Files for running the program in Chinese (Simplified) |
| Program_Files_Czech | Files for running the program in Czech |
| Program_Files_Danish | Files for running the program in Danish |
| Program_Files_Dutch | Files for running the program in Dutch |
| Program_Files_EnglishUK | Files for running the program in English (United Kingdom) |
| Program_Files_EnglishUS | Files for running the program in English (United States) |
| Program_Files_Finnish | Files for running the program in Finnish |
| Program_Files_French | Files for running the program in French |
| Program_Files_German | Files for running the program in German |
| Program_Files_Italian | Files for running the program in Italian |
| Program_Files_Japanese | Files for running the program in Japanese |
| Program_Files_Korean | Files for running the program in Korean |
| Program_Files_Norwegian | Files for running the program in Norwegian (Bokmal) |
| Program_Files_Polish | Files for running the program in Polish |

| | |
|--------------------------|---|
| Program_Files_Portuguese | Files for running the program in Portuguese |
| Program_Files_Russian | Files for running the program in Russian |
| Program_Files_Spanish | Files for running the program in Spanish |
| Program_Files_Swedish | Files for running the program in Swedish |

If a language feature is specified, the following program features must also be used with the ADDLOCAL parameter:

| Feature | Purpose |
|-------------------------|---|
| Trimble_Business_Center | Trimble Business Center application |
| Program_Files | Files for running the program |
| Trimble_Modules | Common files shared between Trimble software |
| External_Modules | Third-party files required for running the software |

Command line examples

The following examples demonstrate how to deploy and modify the Trimble Business Center installation using Msiexec.exe.

Note: Any file names and file paths that include spaces must be enclosed in quotes ("...") on the command line.

Default

The following command installs Trimble Business Center and related utilities silently with the default settings.

```
msiexec.exe /i "Trimble Business Center.msi" /qn
msiexec.exe /i "CoordinateSystemManager.msi" /qn
msiexec.exe /i "FeatureDefinitionManager.msi" /qn
msiexec.exe /i "Office Synchronizer.msi" /qn
msiexec.exe /i "SCSDataManager.msi" /qn
msiexec.exe /i "UASMaster-<version>.msi" /qn
```

Localization

The following command installs Trimble Business Center silently in German:

```
msiexec.exe /i "Trimble Business Center.msi"
ProductLanguage=1031 /qn
```

The following command installs Trimble Business Center silently in a number of languages with German set as the default:

```
msiexec.exe /i "Trimble Business Center.msi"  
ProductLanguage=1031  
ADDLOCAL=Trimble_Business_Center,Program_Files,Trimble_Modu  
les,External_Modules,Program_Files_German,Program_Files_Spa  
nish,Program_Files_French /qn
```

Note: Trimble Business Center users can verify which languages are installed with the software and select the language they want to view by selecting the Language settings in the Options dialog.

Minimal

The following command installs Trimble Business Center silently to an alternative folder and does not place a desktop shortcut:

```
msiexec.exe /i "Trimble Business Center.msi"  
INSTALLDIR="D:\Trimble Business Center" DESKTOP="" /qn
```

Uninstall

The following command lines uninstall Trimble Business Center and related utilities silently:

```
msiexec.exe /x "Trimble Business Center.msi" /qn  
msiexec.exe /x "CoordinateSystemManager.msi" /qn  
msiexec.exe /x "FeatureDefinitionManager.msi" /qn  
msiexec.exe /x "Office Synchronizer.msi" /qn  
msiexec.exe /x "SCSDataManager.msi" /qn  
msiexec.exe /x "UASMaster-<version>.msi" /qn
```

Deploy software updates using Msiexec.exe

Periodically, updated files associated with Trimble Business Center become available for download and installation via the Check for Updates command. Examples include software patches, help files, antenna and receiver data files, converters, drivers, and coordinate systems.

Software updates are available in two file types:

- Full installation package (.msi) - Used to update an existing product if an earlier version is installed, or behave as a first-time installation if no earlier version is installed.
- Patch package (.msp) - Used to update an existing product. Contains only the changed data between the new and existing versions.

To deploy software updates to computers connected on the network:

1. Ensure your computer is connected to the Internet.
2. In Trimble Business Center, select Help > Check for Updates.

The Check for Updates dialog displays listing available updated files that are more current than the files currently installed on your computer.

Note that you can select or de-select the Check for Updates on Startup check box in the lower left corner of the dialog. If this option is selected and updates are available, you will be automatically prompted when you start the software.

3. Optionally, select the Show All Updates check box to view all updated files available, not just those that are newer than the ones currently installed on your computer.
4. If updated files are available that you want to download and install, select (check) the files in the Updates Available list.
5. Select the Save Update before Installing check box.
6. Click the Install Updates button.
7. In the Save As dialog, browse or enter the full path to the folder where you want to save the installation package. Then click Save.
8. To deploy the update, use the Windows Installer executable program Msiexec.exe with the following command line options:

- For full installation files (.msi):

```
msiexec /i <path to installation package>  
INSTALLDIR=<installation directory> /qb
```

- For patch package files (.msp):

```
msiexec /p <path to patch package> /qb
```

For more information on deploying Msiexec.exe, see [Deploy using Msiexec.exe](#).

Note that you can use the command line above in conjunction with one of the following methods to install (deploy) the update package on computers connected to your Windows-based network:

- Network Share
- Scripting
- .MSI deployment

For more information, see [Deployment methods](#)

Deploy using Setup.exe

The Trimble Business Center installation suite is a bootstrap application that packages together installations and prerequisite programs (see [Prerequisite Programs](#)) as a single installation. It uses a setup launcher program (Setup.exe) to conditionally launch packages on target systems as needed.

Setup.exe command line options and parameters

The Setup.exe program is located in the Installation download folder:

The Setup.exe program accepts a number of command-line parameters. The typical usage is:

Setup.exe /Option<Parameter>

Common Setup.exe Options and Parameters

The following table lists the available options and parameters.

| Parameter | Value | Description |
|-------------------------|---|--|
| /language:<LCID> | Locale ID (LCID) For more information, see the Language table in "Deploy Using Msiexec.exe." | Specifies the setup language. |
| /<PropertyName>:<Value> | Setup.exe properties For more information, see "Setup.exe Properties." | Passes properties to the installation. |
| /remove | | Uninstalls Trimble Business Center. |
| /repair | | Repairs the packages that are currently on the target system and that were installed by Setup.exe. |
| /silent | | Runs the installation without user interface. |

Setup.exe Properties

The following table lists the available Setup.exe properties used to customize the installation.

| Property | Value | Default | Description |
|-------------------|-------|---|--|
| ISInstallDir_TBC | Path | C:\Program Files\Trimble\Trimble Business Center | Specifies the Trimble Business Center install location. |
| ISInstallDir_FDM | Path | C:\Program Files\Trimble\Feature Definition Manager | Specifies the Feature Definition Manager install location. |
| ISInstallDir_SYNC | Path | C:\Program Files (x86)\Trimble\Office Synchronizer | Specifies the Office Synchronizer install location. |

Deploy using Setup.exe

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|------------------|--|---|---|
| ISInstallDir_SDM | Path | C:\Program Files (x86)\Trimble\SCS Data Manager | Specifies the SCS Data Manager install location. |
| ISInstallDir_UAS | Path | C:\Program Files\Trimble\UASMaster | Specifies the UASMaster install location. |
| ISDesktop_TBC | true or "" (false) | true | Adds a Trimble Business Center shortcut to the desktop. |
| ISCacheDir | Path | C:\ProgramData\Trimble\Package Cache | Specifies where the cached package and other package files should be stored. |
| ISMachineAddon | true or "" (false) | "" (false) | Machine control exporters for GCS900 12.5 through 12.8 are not installed by default. True enables their installation. |
| ISFeatureInstall | Comma-delimited list of package feature names. For a list of available packages, see "Setup.exe Packages." | | Specifies the installation packages to install. If this property is not specified, all packages will be installed. |
| ISFeatureRemove | Comma-delimited list of package feature names. For a list of available packages, see, "Setup.exe Packages." | | Specifies the installation packages to remove. |

| | | | |
|-----------------------------|--------------------|------------|--|
| ISLanguageChineseSimplified | true or "" (false) | "" (false) | Specifies additional languages to install. |
| ISLanguageCzech | | | |
| ISLanguageDanish | | | |
| ISLanguageDutch | | | |
| ISLanguageEnglishUK | | | |
| ISLanguageEnglishUS | | | |
| ISLanguageFinnish | | | |
| ISLanguageFrench | | | |
| ISLanguageGerman | | | |
| ISLanguageItalian | | | |
| ISLanguageJapanese | | | |
| ISLanguageKorean | | | |
| ISLanguageNorwegian | | | |
| ISLanguagePolish | | | |
| ISLanguagePortuguese | | | |
| ISLanguageRussian | | | |
| ISLanguageSpanish | | | |
| ISLanguageSwedish | | | |

The following table lists the available Setup.exe properties used to install or remove optional Trimble Business Center program features.

| Property | Value | Default | Description |
|--------------|--------------------|---------|--|
| ISANZToolbox | true or "" (false) | true | Use commands licensed to the ANZ Toolbox Module for Australia and New Zealand workflows. |
| ISCToolbox | true or "" (false) | true | Configure Trimble GNSS receivers for machine control. |

Deploy using Setup.exe

| | | | |
|----------------|--------------------|------------|---|
| ISFaro | true or "" (false) | true | Import Faro FLS point cloud files. |
| ISIFC | true or "" (false) | true | Import and work with Industry Foundation Class files (.ifc) containing 3D mesh surfaces of architectural components. |
| ISMachineAddon | true or "" (false) | "" (false) | Machine control exporters for GCS900 12.5 through 12.8 are not installed by default. True enables their installation. |
| ISRinex | true or "" (false) | true | Convert Trimble GNSS measurement files in DAT, T00, T01, T02, RT17, RT27, or .cap format to RINEX formats. |
| ISSiteVisionAR | true or "" (false) | true | Export points, CAD objects, lines, surfaces, and areas to Trimble SiteVision. |
| ISSyncManager | true or "" (false) | true | Perform seamless office-to-field-to-office workflows using this desktop application. |

The following table lists the available Setup.exe properties used to select which standalone setup package programs should be installed or removed.

| Property | Value | Default | Description |
|------------------|--|---------|---|
| ISFeatureInstall | Comma-delimited list of package feature names. For a list of available packages, see "Setup.exe. Packages." | | Specifies the installation packages to install. If this property is not specified, all packages will be installed. |

| | | | |
|-----------------|---|--|--|
| ISFeatureRemove | Comma-delimited list of package feature names. For a list of available packages, see "Setup.exe Packages." | | Specifies the installation packages to remove. |
|-----------------|---|--|--|

Setup.exe Packages

The following table lists the standalone installation packages that are included in the installation suite and can be launched using Setup.exe.

| Package | Feature Name |
|--|---------------------|
| Trimble Business Center Trimble Business Center Help Coordinate System Manager | TBC,TBC_MSI |
| Feature Definition Manger | FDM,FDM_MSI |
| Office Synchronizer | SYNC,SYNC_MSI |
| SCS Data Manager | SDM,SDM_MSI |
| UASMaster | UAS,UAS_MSI |
| TabletSync | TABLET,TABLET_MSI |
| HASP License Updater | LICENSE,LICENSE_MSI |
| Windows Mobile Device Center 6.1 | WMDC |

Command line example

The following examples demonstrate how to deploy and modify the Trimble Business Center installation using Setup.exe.

Note: Any file names and file paths that include spaces must be enclosed in quotes ("...") on the command line.

Default

The following command installs Trimble Business Center and related utilities silently with the default settings.

```
Setup.exe /silent
/ISFeatureInstall:TBC,TBC_MSI,FDM,FDM_MSI,SYNC,SYNC_MSI,SDM
,SDM_MSI,UAS,UAS_MSI
```

Localization

The following command installs Trimble Business Center and related utilities silently in a number of languages with German set as the default:

```
Setup.exe /language:1031 /silent /ISLanguageGerman=true
/ISLanguageFrench=true /ISLanguageItalian=true
/ISFeatureInstall:TBC,TBC_MSI,WDC,FDM,FDM_MSI,SYNC,SYNC_MSI,SDM,SDM_MSI,UAS,UAS_MSI
```

Note: Trimble Business Center users can verify which languages are installed with the software and select the language they want to view by selecting the Language settings in the Options dialog.

Minimal

The following command installs only the Trimble Business Center installation silently without any optional features to an alternative folder and does not place a desktop shortcut:

```
Setup.exe/ISInstallDir_TBC="D:\Trimble Business Center"
/ISDesktop_TBC:"" /ISANZToolbox:"" /ISCToolbox:""
/ISFaro:"" /ISIFC:"" /ISRinex:"" /ISSiteVisionAR:""
/ISSyncManager:"" /silent /ISFeatureInstall:TBC,TBC_MSI
```

Uninstall

The following command line uninstalls Trimble Business Center silently:

```
Setup.exe /remove /silent
```

Configure application and project settings

This section describes how to most easily and efficiently configure Trimble Business Center on multiple network computers to use the same application and project settings.

Configuration files location

All of the configuration files listed in this section are, by default, stored in the following folder:

- C:\Users\<<user name>\AppData\Roaming\Trimble\Trimble Business Center\<<version number>

Project templates

Any project can be saved in Trimble Business Center as a project template that can be used by other users in your organization to create new projects with the same project settings. The saved template can include any of the following:

- Company, user, and file information, such as field and office operators, contact numbers, and addresses
- Coordinate system information, such as a datum transformation and geoid model
- Unit settings, such as coordinate formatting
- View settings, such as a plot scale and grid line definition
- View filters and selection sets
- Computational settings, such as horizontal and vertical tolerances

Each custom project template is stored in a <project name>.vct file in the default location listed in "Configuration files location" earlier in this section.

To share a project template, you can copy the <project name>.vct file into the equivalent folder on each target computer, or to the Template folder defined in the File Location options (Tools > Options) in Trimble Business Center. For more information, see the "File Location Options" topic in the online Help.

For information on creating a project template, see the "Create a Project Template" topic in the online Help.

Application options

Application-wide options, such as startup preferences, default file locations, Internet download parameters, and display properties can be shared by copying the User.options file into the equivalent folder on each target computer. The User.options file is stored in the default location listed in "Configuration files location" earlier in this section.

Note: All folder locations for the File Location option must exist on all computers you are configuring.

For more information on setting application options, see the "Choose Application Options" topic in the online Help.

Toolbar layouts

Customized toolbars can be shared by copying the .Layout file into the equivalent folder on each target computer. The .Layout file is stored in the default location listed in "Configuration files location" earlier in this section.

Reports

To share customized reports on the network, you can save the report layout file (.RDLC) to a shared location on the network. You can then create or customize a report using the path to the .RDLC file. Finally, you can copy the report definition file (.RDF) from your computer into the equivalent folder on each target computer. The .RDF file is stored in the default location listed in "Configuration files location" earlier in this section.

For more information, see the "Create, Customize, and Run a Report" topic in the online Help.

Internet data providers

If you have customized the list of data providers, you can share the list of sites by copying the INetDownload.xml file from your computer into the equivalent folder on each target computer. The INetDownload.xml file is stored in the default location listed in "Configuration files location" earlier in this section.

For more information, see the "Add New Data Providers" and the "Add New Trimble IP-Enabled Receivers" topics in the online Help.