

PDM Add-Ons

Installation Guide v19.0



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1 Introduction

This install documentation serves to provide you with optimized starting conditions to work with BCT Software. Our software installation procedure aims to be as simple as possible and to automate as much of the installation process, so that you do not have to do manual customizations to run BCT software products. Nevertheless it may be necessary to do some manual customizations to our software or to components of SPLM to meet your custom requirements. If this is the case, we advise you in respective sections.

If you have any questions, comments or require further clarification of any of the steps described in this guide, please contact the BCT Team directly. We provide advice and assistance and welcome all input from our customers on how to improve our products and documentation.

2 System requirements

2.1 Hardware requirements

For hardware requirements, please refer the official requirements of SPLM for **NX**, **Solid Edge**, **Teamcenter** and **Active Workspace** at:

http://www.plm.automation.siemens.com/en_us/support/gtac/certifications.shtml

3 BCT Software Licensing with FLEXIm

BCT software products are protected with FLEXIm.

For using the software you need a license file, that you can order using the form on our website, via phone at +49 7852 996-222 or via email support@bct-technology.com. Your license file, will be sent to you by email.

You need to install the BCT License Server if you have named user or floating licenses.

Since the version 18 of the BCT software products the BCT License Server v18 is required. The BCT License Server v18 is not compatible with the old license files of the BCT License Server v11.9.1.

4 Software Updates

BCT updates its software on a regular basis. The latest updates are available at <http://www.bct-technology.com/support/software-downloads/>.

All concurrently installed BCT products require patching to the same version. Special care should be taken to ensure that client versions also match server versions installed. If a corresponding version is not available for a product, an earlier version should be installed.

Patches (e.g. v18.x) always contain the changes of preceding patches of the same major release (e.g. v18.0).

Upgrade examples:

- From v18.0 to v18.5:

```
v18.0 > v18.5
```

- From v17.0.0 to v18.5:

```
v17.0.0 > v18.0 (new installation) > v18.5
```

If you are using BCT Teamcenter Portal Integration together with Teamcenter rich client, you also need to copy the BCT Plugins (.jar files) to the installation of the rich client (%TPR%\plugins). The files are located in %BCT_EOMS_DIR%\bin\portal\{tc_ua_version}\eclipse\plugins.

For example if you copied the installation to c:\bct and you are using Teamcenter Unified 10.1:

```
copy C:\bct\bin\portal\tc100001\eclipse\plugins\*.jar  
C:\SPLM\Teamcenter\Tc10.1\portal\plugins
```

You have to redo this for every update. To avoid conflicts you should delete the old BCT Plugins manually in the folder of the Teamcenter rich client.

The patch installer creates a new directory %BCT_EOMS_DIR%\bct_def_patch which contains the latest unmodified configuration files. This directory only serves as backup or can be used for a comparison with the modified configuration files. The existing configuration files in the %BCT_DEF_DIR% directory will be extended with new entries by the patch installer automatically.

4.1 Support of new Siemens software versions on BCT patch level

If the support of a new Siemens software version was added in a patch of a BCT software product, the necessary files for this new version will be copied automatically into the %BCT_EOMS_DIR% during the

patch installation. (If the option “*Copy binaries for all <SPLM product name> versions*” was activated or not during the installation of the major release is not relevant.)

If the BCT Software should be used with this new Siemens software version, the version specific parameters in the needed BCT start scripts need to be adjusted manually.

Beside the installation paths of the Siemens software at least the following environment variables need to be modified respectively checked:

- Teamcenter:
 - BCT_TC_VERSION
 - BCT_TC_PLATFORM
- Solid Edge:
 - BCT_SE_VERSION
 - BCT_PLATFORM

For Siemens NX only the installation paths need to be set.

4.1.1 New installation of the BCT software with subsequent patch installation

If BCT Software should be newly installed, the BCT installer of the major release needs to be used at first. If the version of the installed Siemens software was not yet supported when the BCT Major-Release was created, the following scenario results.

During a new BCT installation a Siemens software version and the paths to the installation directories need to be selected in the BCT installer of the major release. If the installed Siemens software version isn't supported in the major release of the BCT software yet, an available Siemens software version need to be selected in the drop down list instead and the paths need to point to the currently installed version. With these settings the installation needs to be executed. During the following installation of the patch of the BCT software, which contains the support for the desired Siemens software version, the needed files for the new version will be copied. After the installation the version specific parameters in the needed BCT start scripts need to be adjusted manually (see the previous chapter).

5 Installation

5.1 Selection of the Required Installers

In the following tables you can see which BCT Product requires which installer. Please note, you have to install the server first and then the client(s).

Required Server-Installation	BCT Teamcenter Server Components	BCT EasyPlot (choose Server)
Product		
BCT aClass NX	opt.¹	
BCT aClass SE	X	
BCT aClass Portal	opt.¹	
BCT aClass Web	X	
BCT IcoSync	X	
BCT EasyPlot	opt.¹	X
BCT EasyPlot Web	X	X
BCT ME10-Manager		
BCT Inspector NX	opt.²	
BCT Inspector SE/Neutral	opt.³	
BCT Engineering Package		
BCT 3D-Raster	opt.⁴	
BCT CheckIt	X	
BCT BI-Reports	X	
BCT TechDoc	X	
BCT Translator	X	
BCToogle	X	
BCT TC Toolbox	X	
BCT CenterPoint	X	
BCT AWC Add-Ons	X	

¹ - required for Teamcenter 4-tier installations

² - required for data upload to Teamcenter in 4-tier installation

³ - required for data upload to Teamcenter

⁴ - required for importing raster data from Teamcenter in NX

<div style="text-align: right;">Required Client-Installation</div> <div style="text-align: left;">Product</div>	BCT aClass	BCT EasyPlot (choose Client)	BCT ME10-Manager	BCT Inspector Suite	BCT Products	BCT Teamcenter Productivity Suite
BCT aClass NX	X					
BCT aClass SE	X					
BCT aClass Portal	X					
BCT aClass Web	-					
BCT EasyPlot		X				
BCT EasyPlot Web		-				
BCT ME10-Manager			X			
BCT Inspector NX				X		
BCT Inspector SE				X		
BCT Engineering Package					X	
BCT 3D-Raster					X	
BCT CheckIt						X
BCT TechDoc						X
BCT Translator						X
BCT TC Toolbox						opt. ¹

¹ - required for BCT Reports and BCT TC Forms.

6 Support

Our support team provides you with a fast and qualified support on technical questions through experienced specialists who are always up to date via advanced training and product training on a regular basis.

Service activities

- Support for handling and solving technical problems via phone, e-mail or remote access.
- Providing software license files.

Fast & straightforward

- BCT WebCall system: easy & online available at any time via the link:
 - <https://awc.bct-technology.com/awc/#/showGateway>
- Short response times & personal availability
- Easy traceability of your requests via a unique BCT Call ID.
- Close cooperation between the departments support, software development and consulting.

How you may contact us:

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The BCT support team will be glad to help you.