

APPLICATION NOTE

AC500 AUTOMATION BUILDER SILENT INSTALLATION



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1 Introduction

1.1 Scope of the document

How to install Automation Builder in silent mode.

1.2 Compatibility

The application note explained in this document has been used with the below engineering system versions. They should also work with other versions, nevertheless some small adaptations may be necessary, for future versions.

- Automation Builder 2.5.0 or newer

2 Preparational steps

2.1 Approach A

Every target machine will need internet access during installation. Every target machine will download the required binaries from the web.

- Download the Automation Builder setup from <http://www.abb.com/AutomationBuilder>
- Run the downloaded executable
- Copy the folder „%TEMP%\7ZipSfx.000\AutomationBuilderSetup“ to a location of your choice. This folder contains the installer and the installer logic.
- Close the installer
- The folder contains the installer executable “ABB_Automation_Builder_Setup.exe” which can be launched via command line to execute silently

2.2 Approach B

The download is performed once, and all data required for the installation is pushed to the target PC before the installation starts:

- Download the Automation Builder setup from <http://www.abb.com/AutomationBuilder>
- Run the downloaded executable
- Use the installer to prepare an offline installation (-> additional tools -> prepare offline installation)
- Select the features you want to include into the silent installation
- This will create the folder structure to be shared with the target PC
- The folder structure contains the installer executable “ABB_Automation_Builder_Setup.exe” which can be launched via command line to execute silently

3 Perform the silent installation

Running the silent installation is always based on launching the installer executable with a set of command line switches. Currently supported command line switches are:

Command line switch	Explanation
/i:[install, uninstall]	Perform an installation or an uninstallation
/t:Silent	Perform all activities silently, if possible
/l:[en, de, fr, es, cn]	Language selection
/op:["premium", "standard", "basic"]	Select the edition (feature set). Please note the mandatory quotation marks here.
/d	Path to the option description files, normally the subfolder "OptionDescriptions"
/v	Path to the versions inventory file, normally the file "AB_VersionCheck.xml"
/r:[y, n]	Show a report when the installation is finished

These switches need to be separated by "," on the command line.

No spaces after ","!

Where [...] gives a group of possible parameter values, only one is valid at a time.

Example of a command line to silently install the premium edition in English and wait for the user to press a key afterwards:

```
"C:\Users\\Desktop\AutomationBuilderSetup\ABB_Automation_Builder_Setup.exe
/d:"C:\Users\\Desktop\AutomationBuilderSetup\OptionDescriptions",/i:Install,/l:en,/op:"premium",/t:Silent,/v:"C:\Users\\Desktop\AutomationBuilder-
Setup\AB_VersionCheck.xml",/r:y
Pause
```

3.1 Limitations

Components that install signed device drivers will still ask for user confirmation and trust. These components cannot be installed completely silent. This affects

- Drive Composer Pro
- Mint Workbench



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