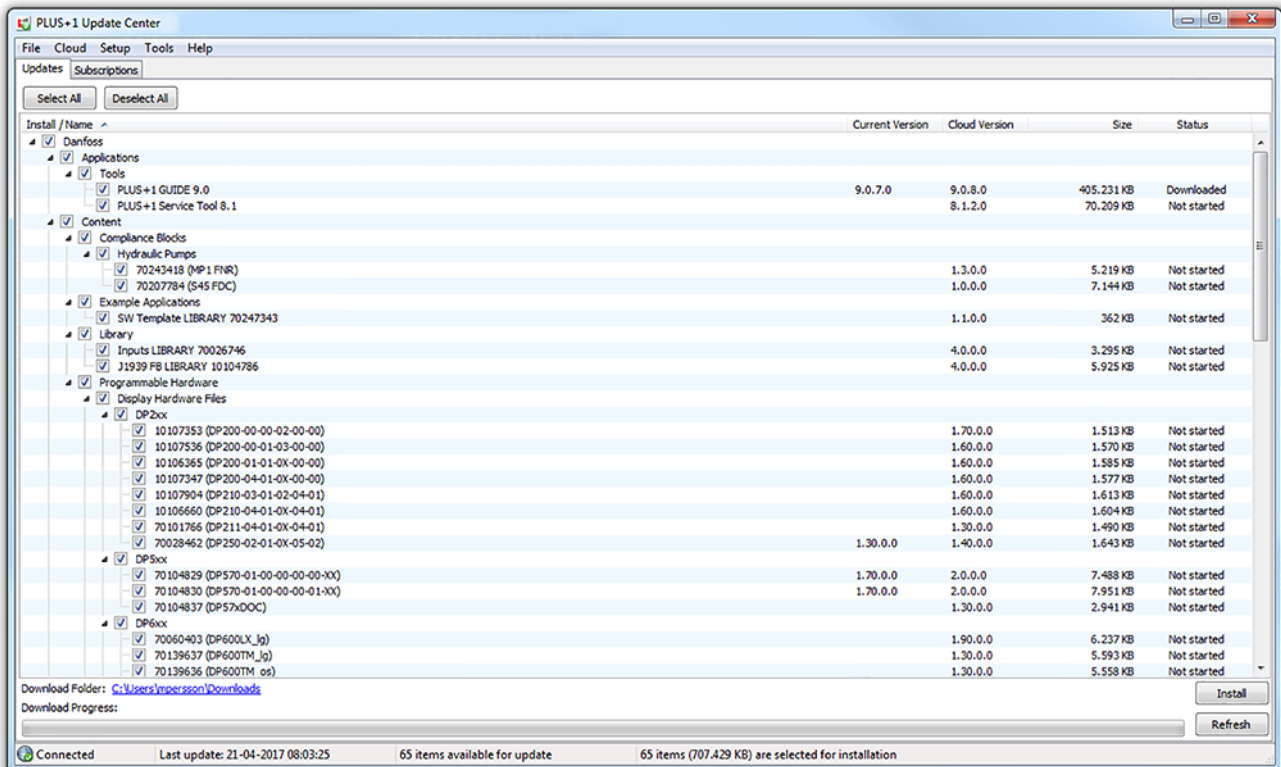


# PLUS+1 Update Center



## Revision history

*Table of revisions*

Date	Changed	Rev
May 2017	First edition	0101

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## Getting Started

*This chapter describes the PLUS+1® Update Center and how to get started by installing an HWD.*

### About PLUS+1 Update Center

PLUS+1® Update Center is a tool for installation of PLUS+1® related items. There are three categories of items as described in the table below:

Category	Description
Applications	PLUS+1® software development tools, like PLUS+1® GUIDE and PLUS+1® Service Tool
Content	PLUS+1® software development content. Examples include HWDs and PLUS+1® GUIDE libraries.
Files	Documentation, example applications etc.

The most recent version of the items managed by PLUS+1® Update Center will be available for installation

### Quick Start

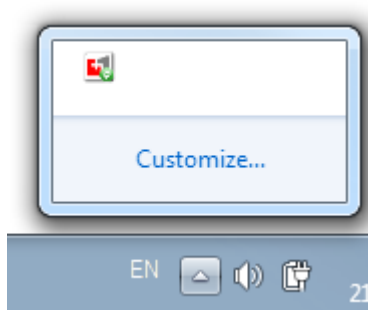
There are two tabs in PLUS+1® Update Center; **Updates** and **Subscriptions**. Items are downloaded and installed using the Updates tab. In the Subscriptions tab, it is possible to select which items to include in the Updates tab. If the most recent version of an item is installed, it will not be present in the Updates tab. By default, all items are checked in the Subscriptions tab.

#### How to Install a PLUS+1 GUIDE HWD

This procedure describes how to install an HWD using PLUS+1® Update Center. It is assumed that PLUS+1® GUIDE is installed and that there is at least one available HWD file that is not installed or up to date.

1. Start PLUS+1® Update Center from the start menu or open it from the system tray if it is already running.

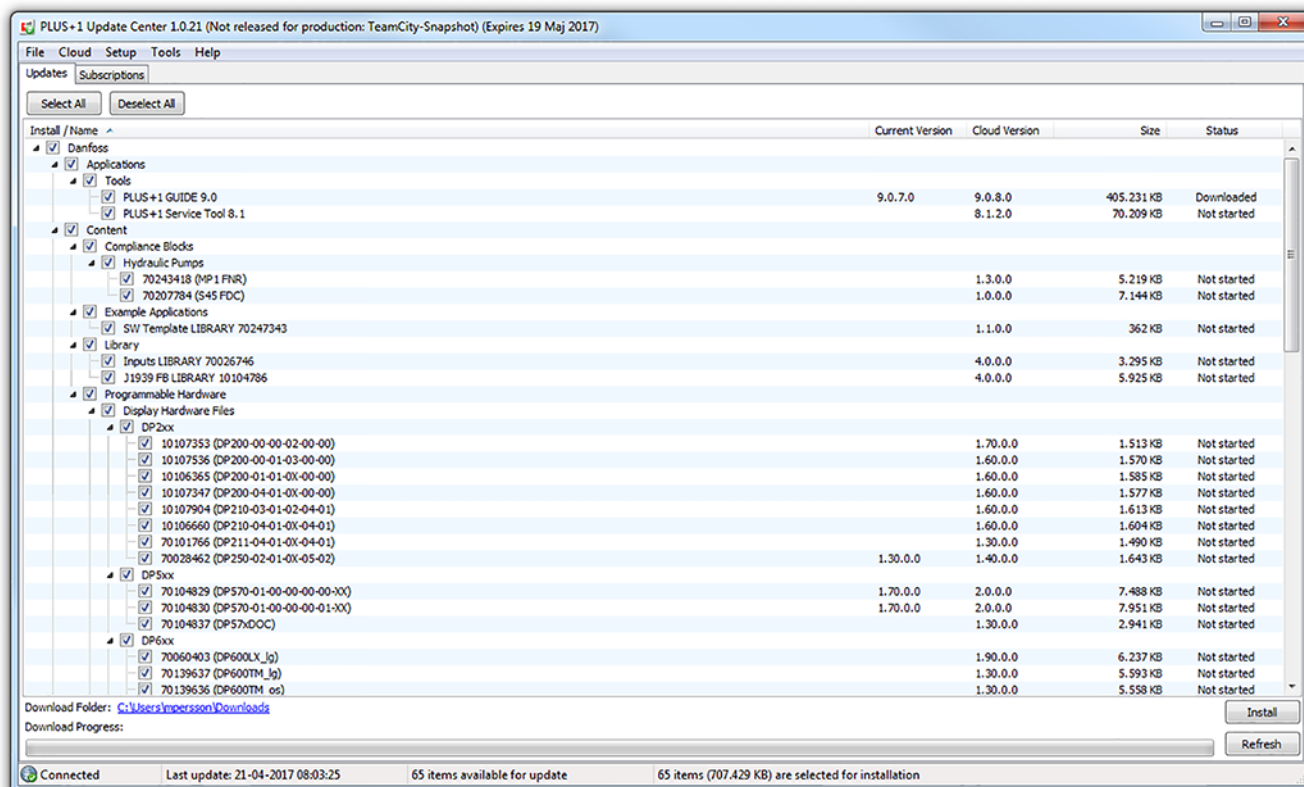
*Open PLUS+1® Update Center from system tray*



## Getting Started

- The Updates tab will be displayed and it will contain all subscribed items that are not currently installed or not currently up to date.

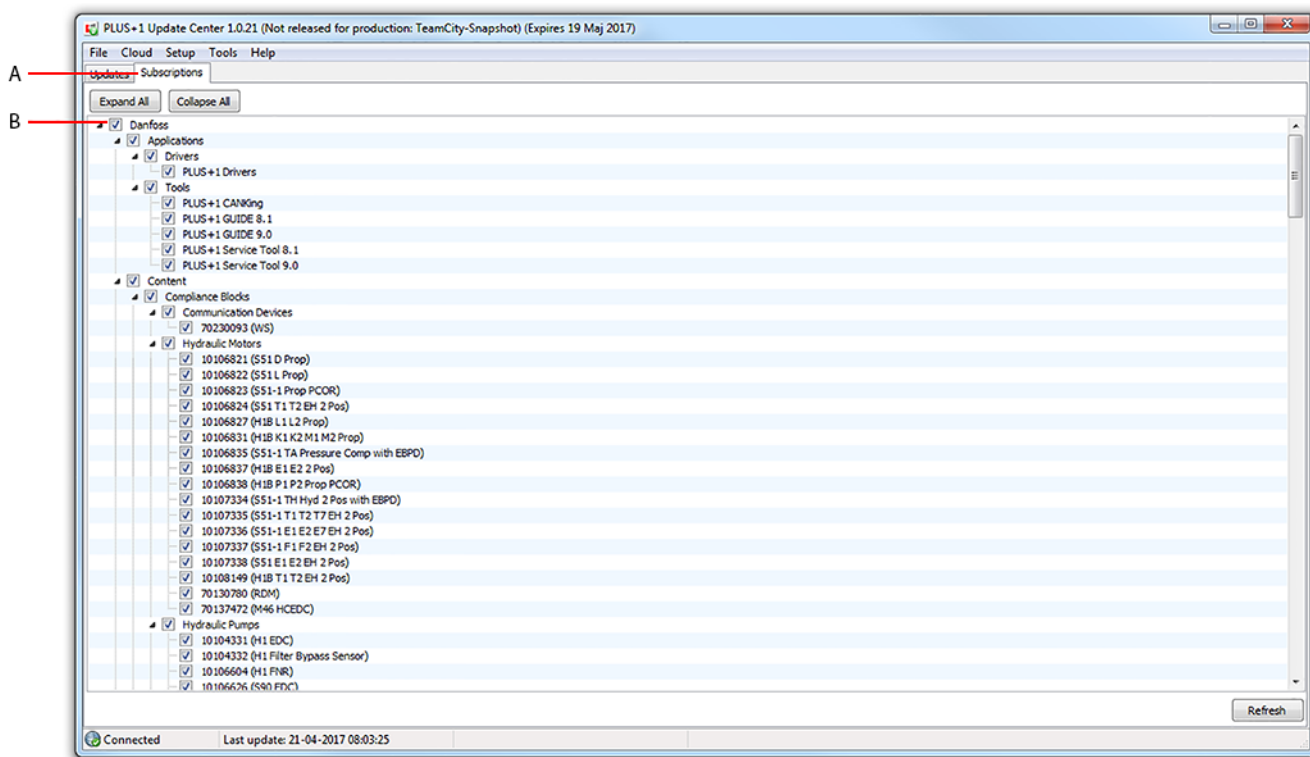
### Updates tab



## Getting Started

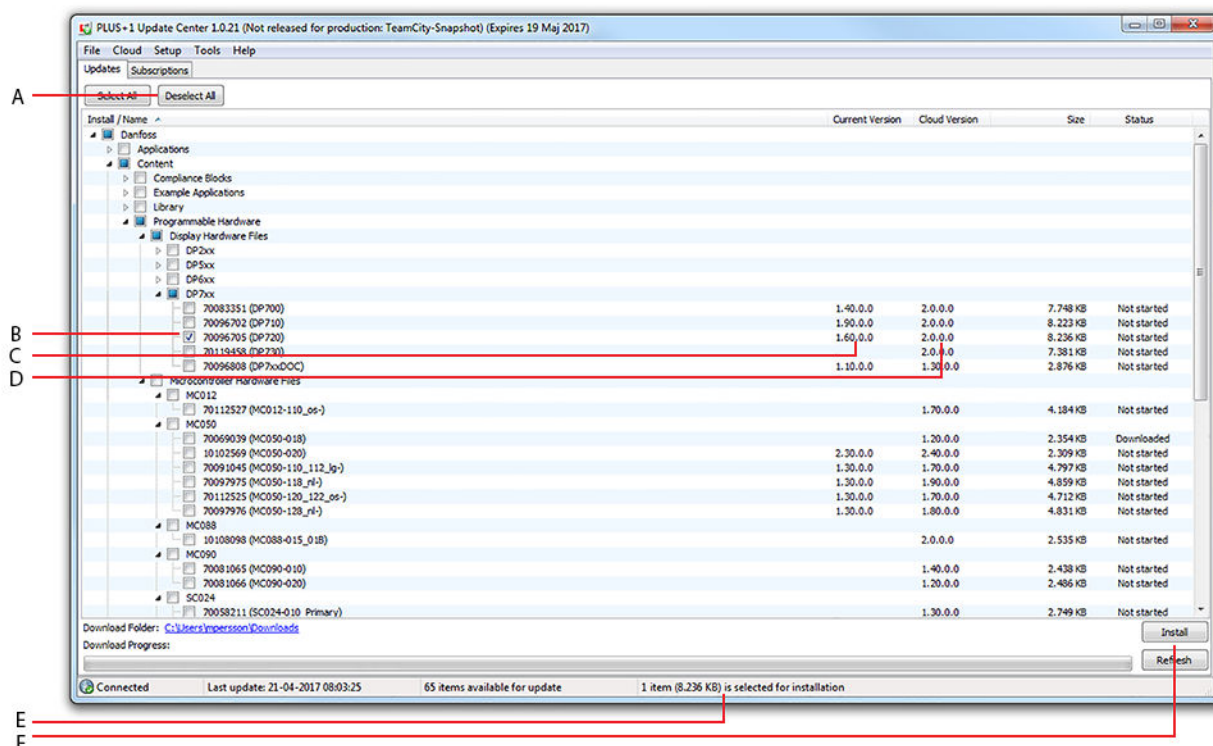
3. Go to the Subscriptions tab to ensure that all items are subscribed. Only subscribed items may appear in the Updates tab.
  - a) Select the Subscriptions tab.
  - b) Use the checkboxes to toggle subscriptions. When a branch in the Subscriptions tree view is checked, all of its contents will be checked as well.

### Subscriptions tab



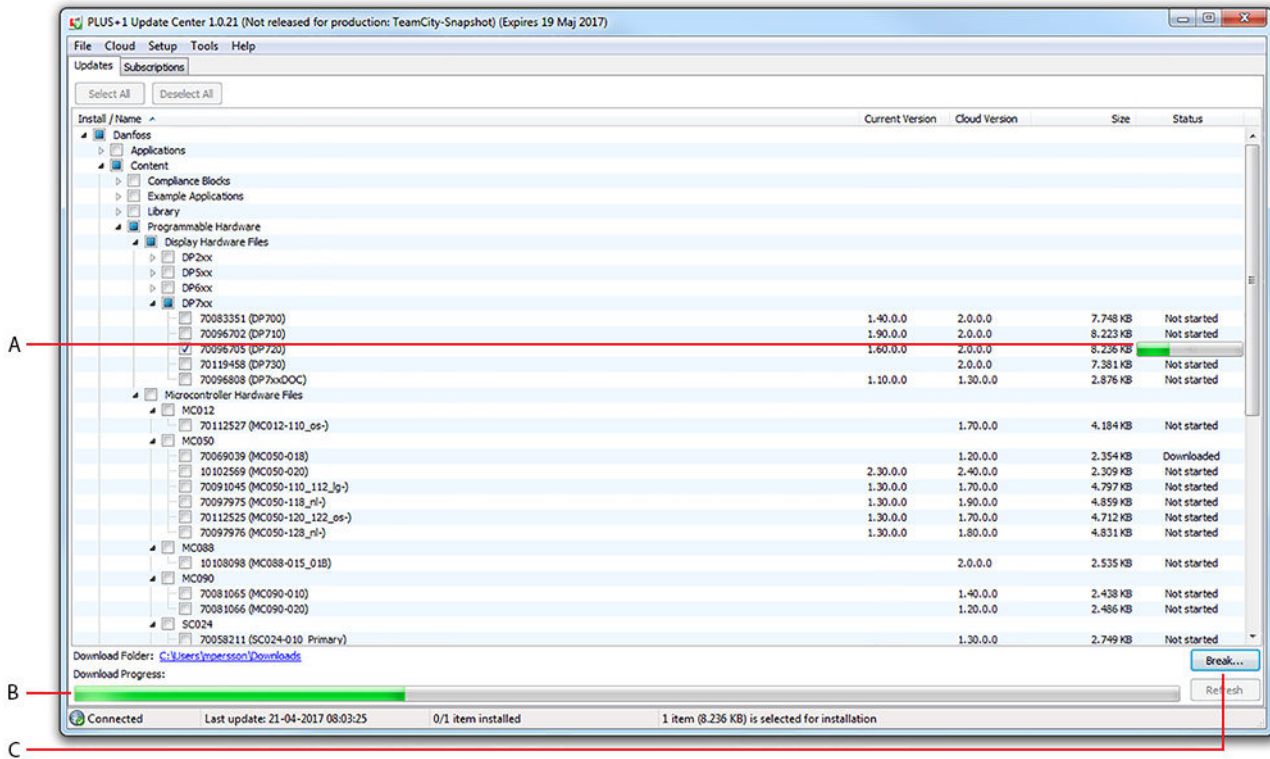
4. Go back to the Updates tab. Press "Deselect All" button in the Updates tab, then navigate to branch Danfoss/Content/Programmable Hardware/Display Hardware Files/DP7xx. In that branch, select 70096705 (DP720). If the latest version of that HWD is already installed it will not be visible in the Updates tab. For the purpose of this example, any other HWD could be used.
  - a) Press Deselect All to ensure that no items are selected for installation.
  - b) Select the desired HWD.
  - c) The value in the Current Version column shows that version 1.60.0.0 of the DP720 HWD is currently installed.
  - d) The value in the Cloud Version column shows that a newer version, 2.0.0.0, is available for installation.
  - e) A summary of the selected items is shown in the status bar.
  - f) Press Install to start the installation of the selected items.

## Getting Started



5. Make sure PLUS+1® GUIDE is not running and press Install to start the installation. The text of the Install button will change to Break... and the progress bars should start updating.
  - a) Download and installation progress is shown for each individual item.
  - b) Download and installation progress is shown for all selected items.
  - c) The remainder of the installations can be cancelled by pressing Break. This will not affect already installed items.

## Getting Started

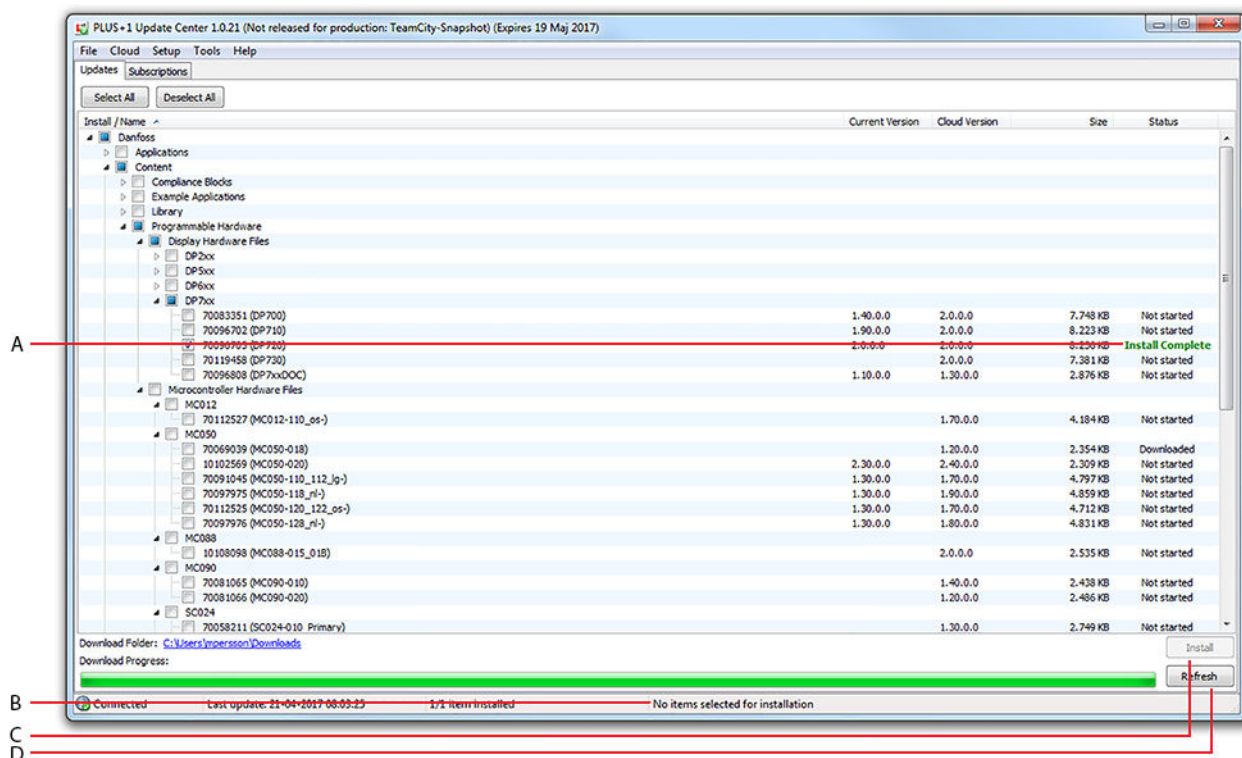


6. When installation is complete, the status of all newly installed items will be set to "Install Complete" and the Install button will have its original text back.
  - a) The status of the newly installed HWD has been set to Install Complete.
  - b) When all selected items have been installed, there are no more items selected for installation.
  - c) Since there are no more items selected for installation, the Install button is disabled.



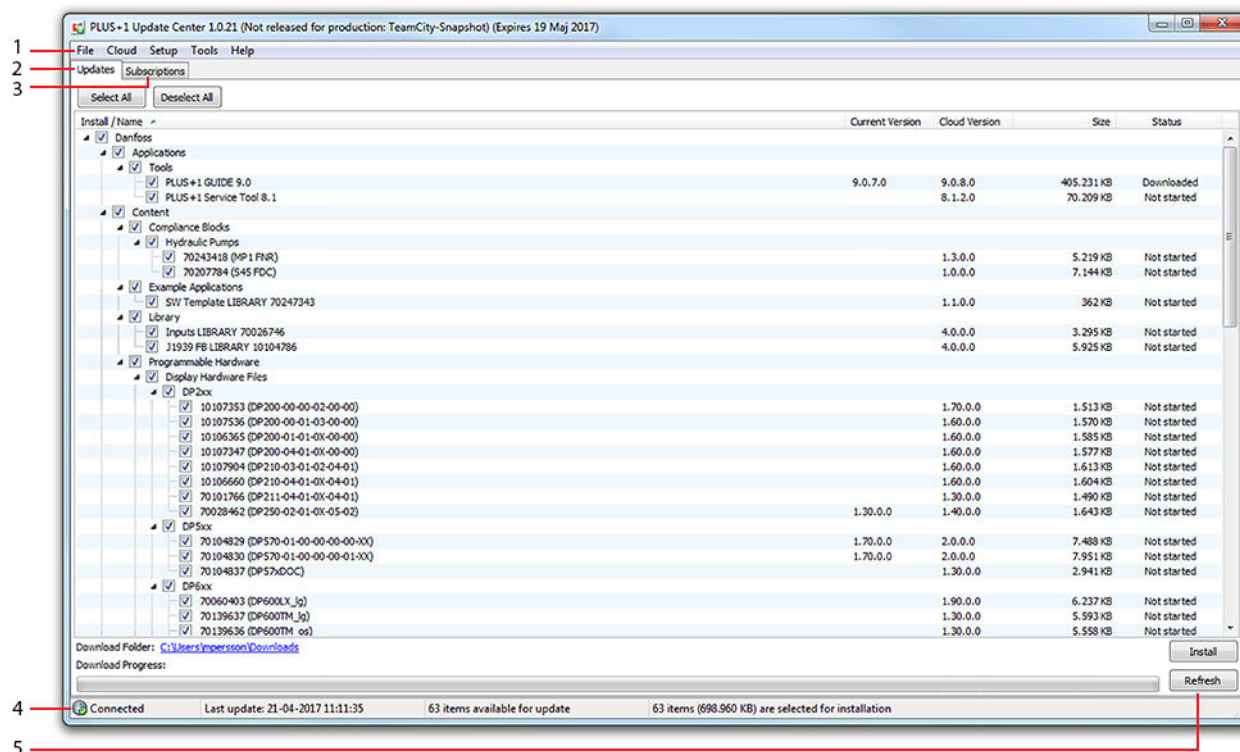
## Getting Started

d) Press Refresh to update the Updates tab.



## Interface

The main window is displayed when PLUS+1® Update Center is started or activated from the system tray. There is a menu bar, two tabs and a status bar.



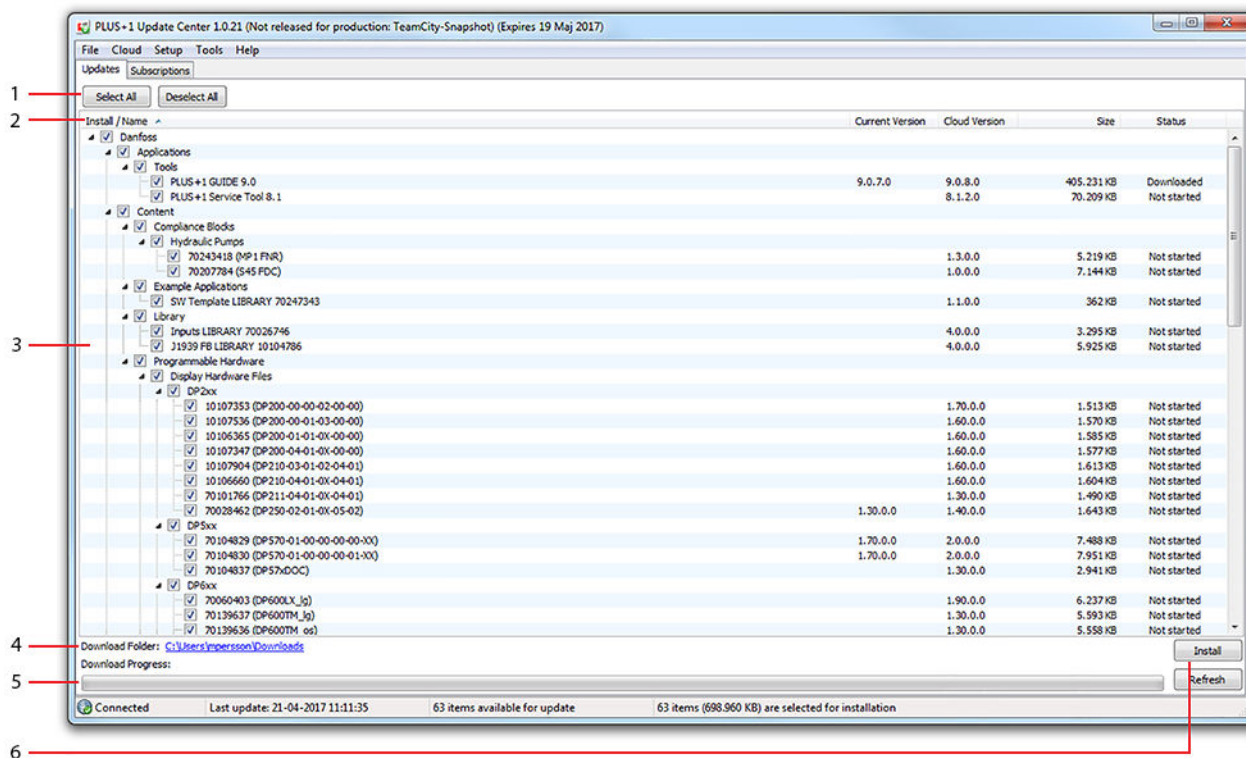
### Main Window

Item	Description	Purpose
1	Menu bar	Various tasks including commands, settings, and license management.
2	Updates tab	Install the latest version of subscribed PLUS+1® related items.
3	Subscriptions tab	Choose which items to subscribe.
4	Status bar	Display status information.
5	Refresh button	When pressed, PLUS+1® Update Center will check for new updates. This will also occur automatically at a specified interval. See <a href="#">Options Dialog</a> on page 13.

## Interface

### Updates Tab

Use the Updates tab to install items.



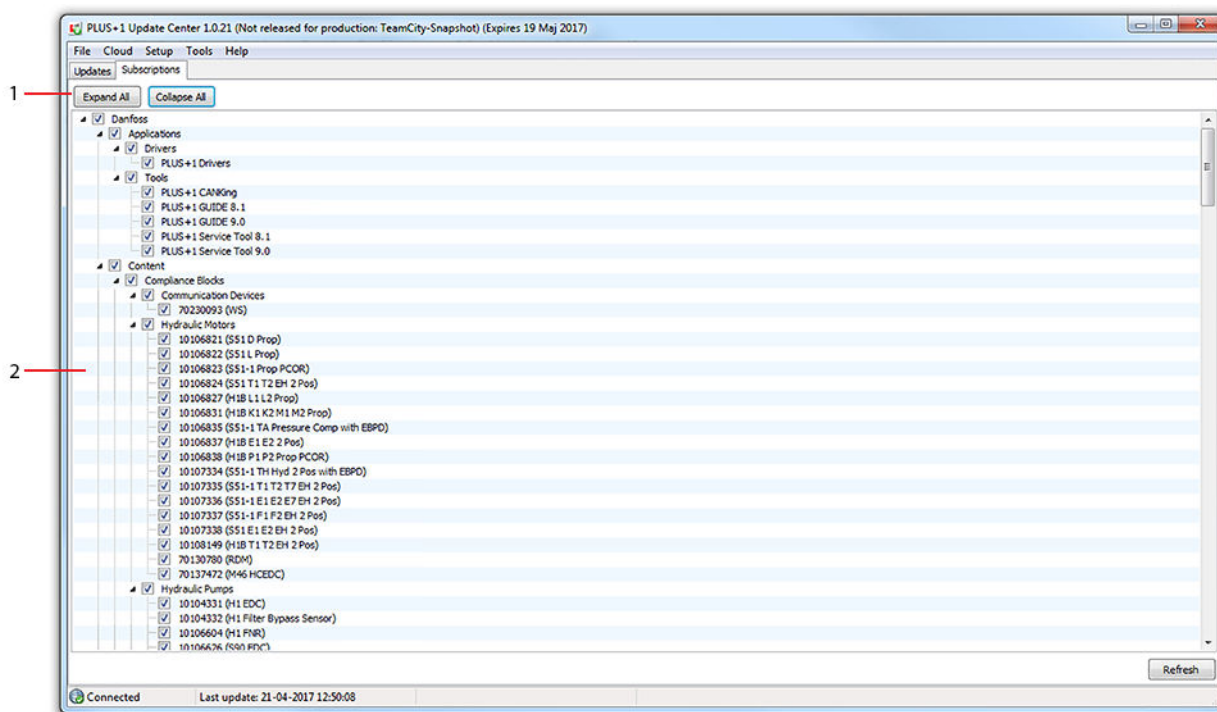
### Updates Tab

Item	Description		Function
1	Selection button		After pressing <b>Select All</b> , all items in the Updates view will be selected. After pressing <b>Deselect All</b> , no items in the Updates view will be selected.
2	Updates view header	Install/Name	A checkbox and a descriptive name of each branch or item.
		Current Version	Version of the currently installed item.
		Cloud version	Version of the item that is available for update.
		Size	Download size of the item that is available for update.
		Status	Status of the item.
3	Updates view		The Updates view is both a tree-view and a table. It is structured as a tree with branches and leaves. Branches contain sub-branches and leaves. Selecting a branch will select all its sub-branches and leaves. When button <b>Install</b> is pressed, all selected items will be installed.
4	Download folder		All items that are installed will be downloaded to the <b>Download Folder</b> . Clicking the link will open it in the default file manager of the operating system. <b>Download folder</b> is configurable, see <a href="#">Options Dialog</a> on page 13
5	Progress bar		The overall progress will be displayed in the progress bar when items are being installed.
6	Install button		When pressed, installation of selected items will start. During installation, a button labelled <b>Break...</b> will be shown instead. That button can be used to cancel the remainder of the installations.

## Interface

### Subscriptions Tab

Use the Subscriptions tab to select items to monitor in the Updates tab.



### Subscriptions Tab

Item	Description	Function
1	Expand/Collapse buttons	After pressing <b>Expand All</b> , all branches in the Subscriptions view will be expanded. After pressing <b>Collapse All</b> , all branches in the Subscriptions view will be collapsed.
2	Subscriptions view	Use the Subscriptions view to select items to subscribe. Subscribed items will be checked for updates at regular intervals or when the Refresh button is pressed. Only subscribed items will be available in the Updates tab. The Subscriptions view is structured as a tree with branches and leaves. Branches contain other branches and leaves. Selecting a branch will select all its branches and leaves. If a new leaf or branch is added and its parent branch is selected, the new leaf or branch will be selected automatically.

## Menu Bar

### Window Menu

Menu	Option	Description
File	Exit	Terminate PLUS+1® Update Center. Exit is different from closing the button using the Close button in the upper right corner. If Close is pressed, PLUS+1® Update Center will still be running in the background indicated by the system tray icon.
Cloud	Refresh	Check for available updated. See <a href="#">Interface</a> on page 10.
Setup	Options	Open the Options dialog where PLUS+1® Update Center is configured. See <a href="#">Options Dialog</a> on page 13.

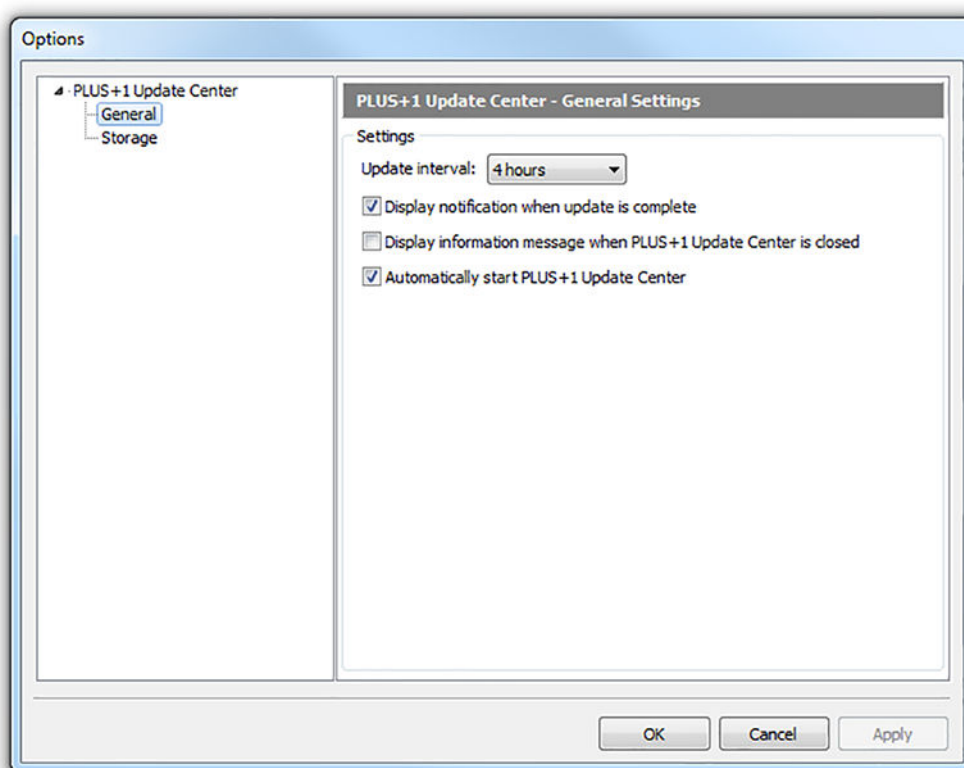
## Interface

### Window Menu (continued)

Menu	Option	Description
Tools	License Manager	Opens the License Manager
Help	User Manual	Opens this document.
	Release Notes	Opens the release notes.
	About	Opens the About dialog.

## Options Dialog

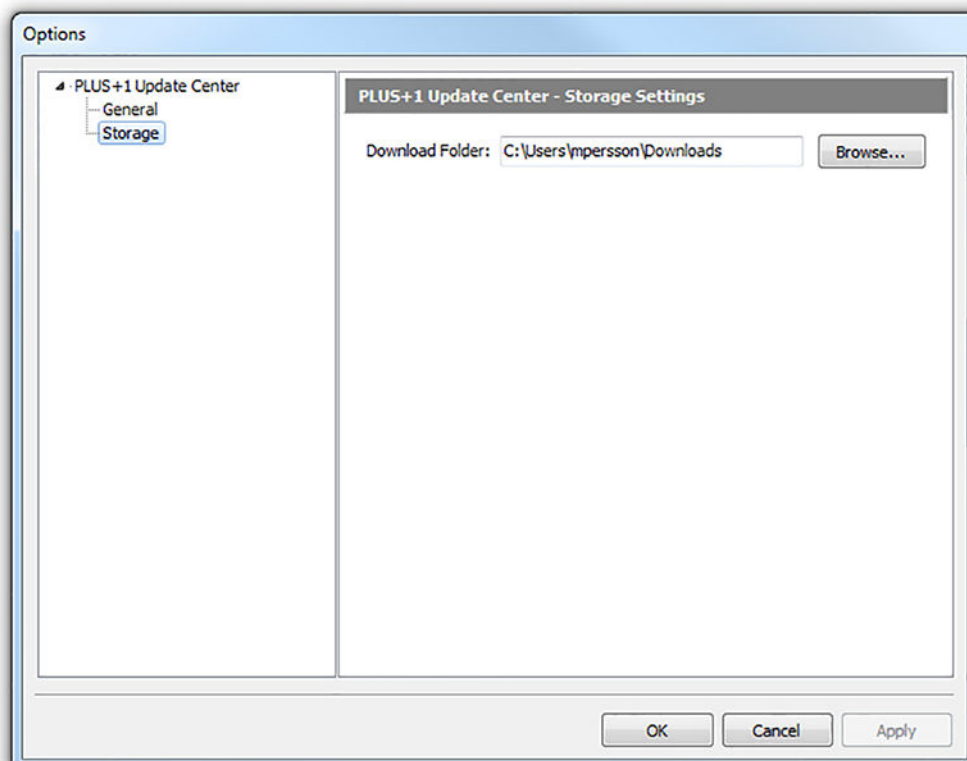
### General Tab



Item	Description
Update interval	PLUS+1® Update Center will check for available updates of the subscribed contents at this interval
Display notification when update is complete	If set, a balloon hint will be displayed whenever PLUS+1® Update Center has performed an update
Display information message when PLUS+1® Update Center is closed	If set, a dialog will be shown when PLUS+1® Update Center is closed but will continue to run in the background
Automatically start PLUS+1® Update Center	If set, PLUS+1® Update Center will start automatically when the computer is started. When started in this way, PLUS+1® Update Center will run in the background. Click its icon in the system tray to open the main window again

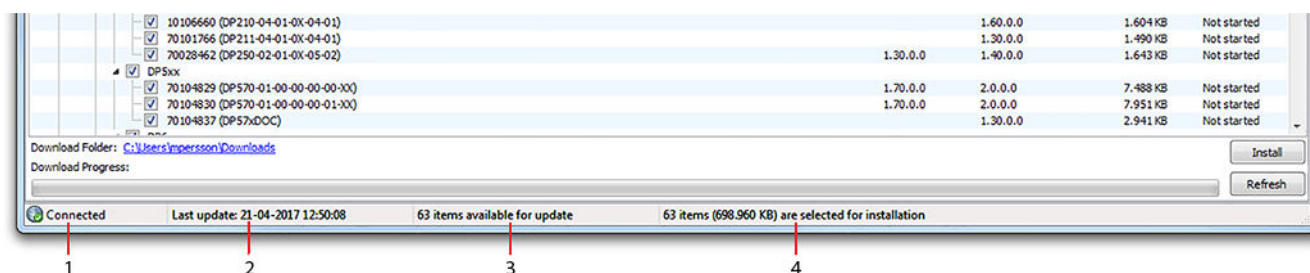
## Interface

### Storage Tab



Item	Description
Storage	Select download folder. All items to be installed will be downloaded to this folder

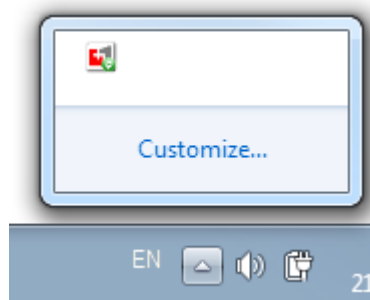
### Status Bar



Item	Description	Function
1	Connection status	Indicates the last known cloud connection status. Press <b>Refresh</b> to update
2	Time of most recent update	Date and time of the most recent update
3	Update data	Number of subscribed element that can be updated or installed
4	Selection data	Number and total download size of the selected items in the <b>Updates</b> tab

## Accessibility

## System Tray



When PLUS+1° Update Center is running in the background, it can be accessed via the system tray. PLUS +1° Update Center will run in the background in the following cases:

- It is started automatically when the computer is started by the setting “Automatically start PLUS+1 Update Center” in the Options dialog
- It is started automatically when PLUS+1° GUIDE is started by the setting “Start PLUS+1° Update Center if it is not already running when PLUS+1° GUIDE is started” in PLUS+1° GUIDE
- It is started automatically when PLUS+1° Service Tool is started by the setting “Start PLUS+1° Update Center if it is not already running when PLUS+1° Service Tool is started” in PLUS+1° Service Tool
- The main window of PLUS+1° Update Center is closed.

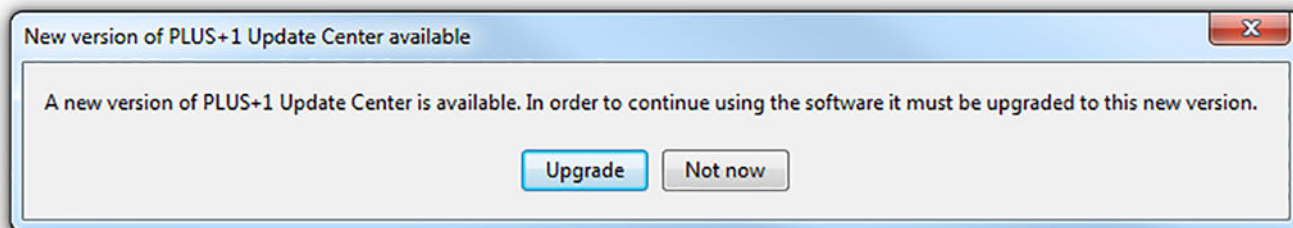
If “Display notification when update is complete” is checked in the Options dialog, a balloon hint will be shown at the system tray whenever PLUS+1° Update Center has been looking for updates.

Clicking the PLUS+1° Update Center icon will open the main window. The icon has a context menu containing a menu item for terminating PLUS+1° Update Center.

If PLUS+1° Update Center is terminated, it will no longer be accessible in the system tray and it will no longer look for updates at the specified interval.

## Updating PLUS+1 Update Center

When a new version of PLUS+1° Update Center is available, it will attempt to update itself. This update needs to be performed before continuing to use PLUS+1° Update Center. The upgrade procedure starts with the dialog below:



Button	Function
Upgrade	Go through the upgrade procedure. This includes a normal setup wizard
Not Now	Postpone the upgrade procedure until later. PLUS+1° Update Center will be terminated. Next time it is started, the upgrade dialog will be shown again









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