

Copies to	Title Release Notes RobotStudio 5.13 Patch 1	Ref	
Department RO/PRS	Date 2010-04-29	Filename Release Notes RobotStudio 5.13 Patch 1.docx	Page 1/5
	Dealt with by, telephone		

Release Notes RobotStudio® 5.13 Patch 1

RELEASE INFORMATION 2

Release Name 2

Release Information 2

Release Date 2

Solved Limitations in RobotStudio 5.13 Patch 1 3

INSTALLATION OF ROBOTSTUDIO 5.13 PATCH 1 4

How to install RobotStudio 5.13 Patch 1 4

How to uninstall RobotStudio 5.13 Patch 1 5

ABB AB Robotics

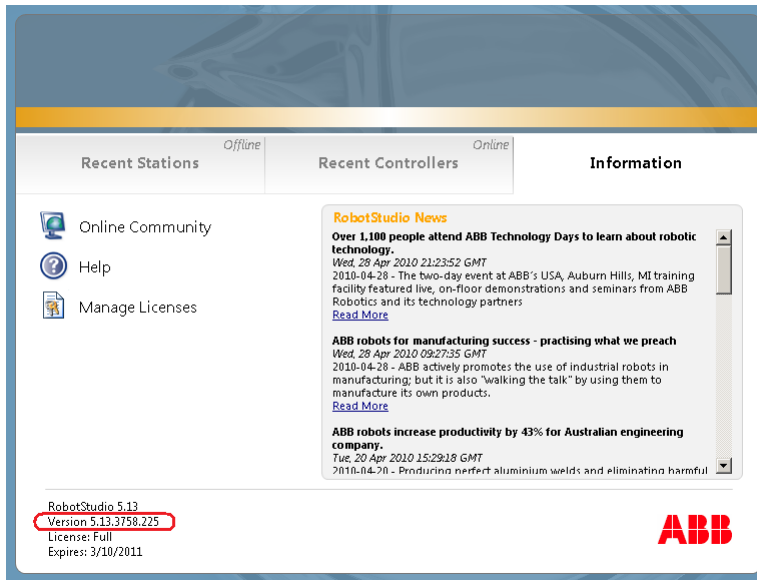
Copies to	Title Release Notes RobotStudio 5.13 Patch 1	Ref	
Department RO/PRS	Date 2010-04-29	Filename Release Notes RobotStudio 5.13 Patch 1.docx	Page 2/5
	Dealt with by, telephone		

Release Information

Release Name

The release name is RobotStudio 5.13 Patch 1

The build number is 5.13.3758.225. (The installed program version is displayed in the Information Tab of the RobotStudio start page, see below).



Note: The build number of RobotStudio 5.13 (without Patch 1) is 5.13.3722.225.

Release Information

It is **critical** for RobotStudio users working with Offline programming to install the patch. Failure to do so may lead to unintentionally modified RAPID programs. Users working only with Online are not affected.

For more information, please visit the support web site at <http://www.robotstudio.com/community>. There you can find a discussion forum dedicated to RobotStudio.

Release Date

Release date **2010-April-29**

Copies to	Title Release Notes RobotStudio 5.13 Patch 1	Ref	
Department RO/PRS	Date 2010-04-29	Filename Release Notes RobotStudio 5.13 Patch 1.docx	Page 3/5
	Dealt with by, telephone		

Solved Limitations in RobotStudio 5.13 Patch 1

Critical issues

Rename of workobject or tool changed the workobject or tooldata of all Move instructions

When renaming a workobject in RobotStudio, all workobjects of all move instructions in the station was incorrectly replaced with the renamed one, even though they might have referenced another (not renamed) workobject. The same problem existed for tooldata.

Other issues

'Synchronize to VC' may fail even though reported as success

The problem appeared on controller systems that contained RAPID procedures taking arguments, see the example **draw_square** below that takes the argument named **side_size** of type **num**.

```
PROC draw_square(num side_size)
! ....

ENDPROC
```

These kinds of procedures erroneously appeared in the dialog **Synchronize to Station** and could accidentally be selected for synchronization to the RobotStudio station. In the next step when synchronizing back to the Virtual Controller, these procedures caused the command **Synchronize to VC** to fail silently, even though the message *'Synchronization to VC completed'* appeared in the Output window. As a consequence nothing was synchronized to the VC.

Single data not synchronized when its task was checked in 'Synchronize to VC'

When selecting an entire task in the **Synchronize to VC** dialog, only the paths (including referenced data) was synchronized, not single data (tooldata, workobjects) **not** referenced by a path, even though checked for synchronization.

Incorrect caption of the WorkObject node in dialog 'Synchronize to VC'

The caption of the workobject node was incorrectly named "WorkObjects & Targets" even though targets are not listed there. The Target part of the caption has been moved to the Paths node. There, the targets appear when expanding a path, which will then show the referenced targets.

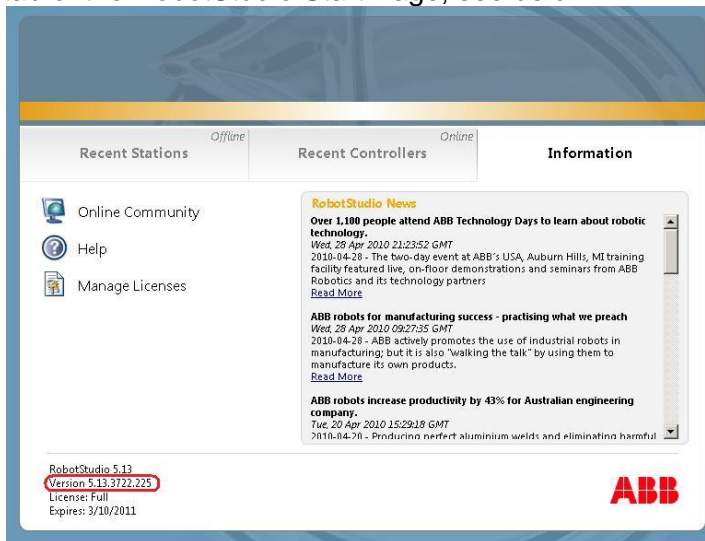
Copies to	Title Release Notes RobotStudio 5.13 Patch 1	Ref	
Department RO/PRS	Date 2010-04-29	Filename Release Notes RobotStudio 5.13 Patch 1.docx	Page 4/5
Dealt with by, telephone			

Installation of RobotStudio 5.13 Patch 1

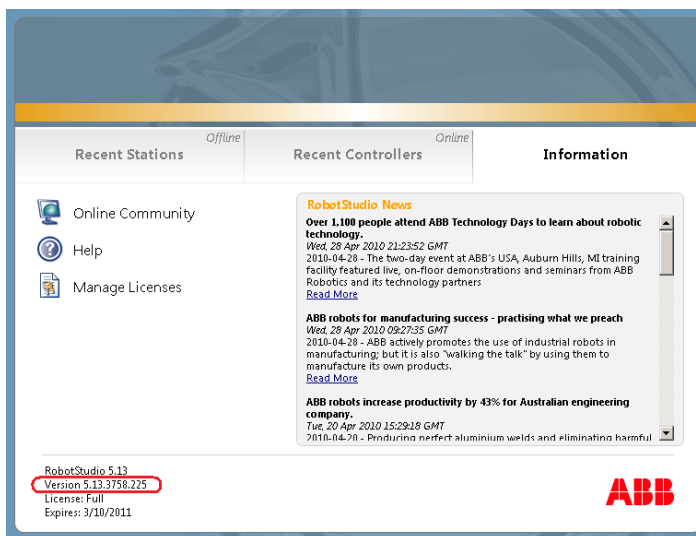
How to install RobotStudio 5.13 Patch 1

To install RobotStudio 5.13 Patch 1 do the following:

1. Ensure that RobotStudio 5.13 is installed; start RobotStudio and verify that the build number is 5.13.3722.225. The build number is displayed in the Information tab of the RobotStudio Start Page, see below.



2. Close RobotStudio and the Virtual FlexPendant.
3. Double-click on the file, *RobotStudio 5.13 Patch 1.exe* to start the installation. The installation wizard will guide you through the installation.
4. After the installation has completed, start RobotStudio and verify that the build number has changed to 5.13.3758.225, see below.



5. RobotStudio 5.13 Patch 1 is now installed and RobotStudio is ready to use.

ABB AB Robotics

Copies to	Title Release Notes RobotStudio 5.13 Patch 1	Ref	
Department RO/PRS	Date 2010-04-29	Filename Release Notes RobotStudio 5.13 Patch 1.docx	Page 5/5
	Dealt with by, telephone		

How to uninstall RobotStudio 5.13 Patch 1

To uninstall RobotStudio 5.13 Patch 1 and revert back to RobotStudio 5.13 do the following:

1. Open **Add or Remove Programs** of the Windows **Control Panel**
2. Select **ABB RobotStudio 5.13** and press the **Remove** button to uninstall RobotStudio 5.13 (with Patch 1).
3. Re-install RobotStudio 5.13 from the RobotStudio 5.13 media (without Patch 1). For a complete set of installation instructions see the RobotStudio 5.13 media.