

# SIEMENS

## SINUMERIK

### SINUMERIK Integrate for production Installation with SINUMERIK Operate Compact Operating Instructions

#### Foreword

---

Fundamental safety instructions **1**

---

System requirements **2**

---

Overview **3**

---

Installation **4**

---

Uninstalling **5**

---

Client update under Windows **6**

---

Client update under Linux **7**

---

Valid for:  
Control system  
SINUMERIK 840D sl/ 840DE sl  
Software  
SINUMERIK Integrate for production


06/2015


A5E36393628B-AA


## Legal information

### Warning notice system

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

 <b>DANGER</b>
indicates that death or severe personal injury <b>will</b> result if proper precautions are not taken.

 <b>WARNING</b>
indicates that death or severe personal injury <b>may</b> result if proper precautions are not taken.

 <b>CAUTION</b>
indicates that minor personal injury can result if proper precautions are not taken.

<b>NOTICE</b>
indicates that property damage can result if proper precautions are not taken.


If more than one degree of danger is present, the warning notice representing the highest degree of danger will be used. A notice warning of injury to persons with a safety alert symbol may also include a warning relating to property damage.

### Qualified Personnel

The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

### Proper use of Siemens products

Note the following:

 <b>WARNING</b>
Siemens products may only be used for the applications described in the catalog and in the relevant technical documentation. If products and components from other manufacturers are used, these must be recommended or approved by Siemens. Proper transport, storage, installation, assembly, commissioning, operation and maintenance are required to ensure that the products operate safely and without any problems. The permissible ambient conditions must be complied with. The information in the relevant documentation must be observed.

### Trademarks

All names identified by ® are registered trademarks of Siemens AG. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.

### Disclaimer of Liability

We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

# Foreword

## SINUMERIK documentation

The SINUMERIK documentation is organized in the following categories:

- General documentation
- User documentation
- Manufacturer/service documentation

## Additional information

You can find information on the following topics at [www.siemens.com/motioncontrol/docu](http://www.siemens.com/motioncontrol/docu):

- Ordering documentation/overview of documentation
- Additional links to download documents
- Using documentation online (find and search in manuals/information)

Please send any questions about the technical documentation (e.g. suggestions for improvement, corrections) to the following address:

[docu.motioncontrol@siemens.com](mailto:docu.motioncontrol@siemens.com)

## My Documentation Manager (MDM)

Under the following link you will find information to individually compile OEM-specific machine documentation based on the Siemens content:

[www.siemens.com/mdm](http://www.siemens.com/mdm)

## Training

For information about the range of training courses, refer under:

- [www.siemens.com/sitrain](http://www.siemens.com/sitrain)  
SITRAIN - Siemens training for products, systems and solutions in automation technology
- [www.siemens.com/sinustrain](http://www.siemens.com/sinustrain)  
SinuTrain - training software for SINUMERIK

## FAQs

You can find Frequently Asked Questions in the Service&Support pages under Product Support. <http://support.automation.siemens.com>

## SINUMERIK

You can find information on SINUMERIK under the following link:

[www.siemens.com/sinumerik](http://www.siemens.com/sinumerik)

## Target group GS

### Target group

This document addresses commissioning engineers and machine tool manufacturers. The document provides detailed information that commissioning engineers require to commission the SINUMERIK Integrate for production software.

### Requirement (area of validity)

This manual is valid for use with the following product versions:

Manage MyPrograms (MMP) Version 2.7

Manage MyTools (MMT) Version 2.7

Analyze MyCondition (AMC) Version 4.13

Analyze MyPerformance (AMP) Version 2.7

Access MyMachine/Ethernet (AMM/E) Version 2.1

Access MyData (AMD) Version 1.0

Access MyBackup (AMB) Version 4.13

### Benefits

The software installation manual instructs the target group on how to install and uninstall the software correctly.

### Standard scope

This documentation describes the functionality of the standard scope. Additions or revisions made by the machine manufacturer are documented by the machine manufacturer.

Other functions not described in this documentation might be executable in the control system. This does not, however, represent an obligation to supply such functions with a new control or when servicing.

For the sake of simplicity, this documentation does not contain all detailed information about all types of the product and cannot cover every conceivable case of installation, operation, or maintenance.

## **Technical Support**

You will find telephone numbers for other countries for technical support in the Internet under <http://www.siemens.com/automation/service&support>

## **EC Declaration of Conformity**

The EC Declaration of Conformity for the EMC Directive can be found on the Internet at:  
<http://support.automation.siemens.com/WW/view/de/10805517/134200>



# Table of contents


	Foreword.....	3
<b>1</b>	<b>Fundamental safety instructions .....</b>	<b>9</b>
1.1	General safety instructions .....	9
1.2	Industrial security .....	10
<b>2</b>	<b>System requirements .....</b>	<b>11</b>
<b>3</b>	<b>Overview .....</b>	<b>13</b>
<b>4</b>	<b>Installation .....</b>	<b>15</b>
4.1	Display the "SINUMERIK Integrate" softkey.....	15
4.2	Release applications .....	16
4.3	Locking applications .....	18
4.4	Basic installation.....	19
4.4.1	Basis installation, installing Installer .....	20
4.4.2	App installation, installing Base Setup .....	22
4.5	Installing setups for client applications .....	25
4.5.1	Overview .....	25
4.5.2	Installing the MMP application .....	25
4.5.3	Installing the MMT application .....	28
4.5.4	Installing the AMP application.....	30
4.6	Configuring URL settings.....	33
4.7	Configuring proxy settings .....	35
4.8	Proxy authentication.....	37
<b>5</b>	<b>Uninstalling.....</b>	<b>41</b>
5.1	Uninstalling the MMP application .....	42
5.2	Uninstalling the MMT application .....	44
5.3	Uninstalling the AMP application.....	46
5.4	App installation, uninstalling Base Setup.....	48
5.5	Basis installation, uninstalling Installer .....	49
<b>6</b>	<b>Client update under Windows .....</b>	<b>51</b>
<b>7</b>	<b>Client update under Linux.....</b>	<b>55</b>
	<b>Index .....</b>	<b>59</b>






# Fundamental safety instructions

## 1.1 General safety instructions

 <b>WARNING</b>
<b>Risk of death if the safety instructions and remaining risks are not carefully observed</b>
If the safety instructions and residual risks are not observed in the associated hardware documentation, accidents involving severe injuries or death can occur.
<ul style="list-style-type: none"><li>• Observe the safety instructions given in the hardware documentation.</li><li>• Consider the residual risks for the risk evaluation.</li></ul>

 <b>WARNING</b>
<b>Danger to life or malfunctions of the machine as a result of incorrect or changed parameterization</b>
As a result of incorrect or changed parameterization, machines can malfunction, which in turn can lead to injuries or death.
<ul style="list-style-type: none"><li>• Protect the parameterization (parameter assignments) against unauthorized access.</li><li>• Respond to possible malfunctions by applying suitable measures (e.g. EMERGENCY STOP or EMERGENCY OFF).</li></ul>

## 1.2 Industrial security

### Note

#### Industrial security

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates.

For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit this address (<http://www.siemens.com/industrialsecurity>).

To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit this address (<http://support.automation.siemens.com>).

### WARNING

#### **Danger as a result of unsafe operating states resulting from software manipulation**

Software manipulation (e.g. by viruses, Trojan horses, malware, worms) can cause unsafe operating states to develop in your installation which can result in death, severe injuries and/or material damage.

- Keep the software up to date.  
You will find relevant information and newsletters at this address (<http://support.automation.siemens.com>).
- Incorporate the automation and drive components into a holistic, state-of-the-art industrial security concept for the installation or machine.  
You will find further information at this address (<http://www.siemens.com/industrialsecurity>).
- Make sure that you include all installed products into the holistic industrial security concept.

## System requirements

This document is valid for the following versions:

NCU 7 x0.2 (4.4 SPx) or higher

with the operating software SINUMERIK Operate Version 2.6 or higher. SP1 HF5

NCU 7 x0.3 (4.5 SP2) or higher

with the operating software SINUMERIK Operate Version 2.6 or higher. SP1 HF5, 2.7 SP1 HF1



# Overview

## Requirement

The server installations are complete.

## Delivery form of the client setups

The client setups can be found on the product DVD in the following directories:

<DVD> → Sinumerik\_Integrate\_Clients → SinInt → Operate → Linux or Windows

<DVD> → Sinumerik\_Integrate\_Clients → MMP → Operate

<DVD> → Sinumerik\_Integrate\_Clients → MMT → Operate

<DVD> → Sinumerik\_Integrate\_Clients → AMP → Operate



# Installation

## Requirement

You require the following access authorization to install and uninstall client setups: Access level 1 (password: machine manufacturer).

## Introduction

With SINUMERIK Operate you directly install the SINUMERIK Integrate for production applications via the user interface of the control system.

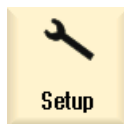
Proceed as follows when installing for the first time:

1. Enable the "SINUMERIK Integrate" softkey on the user interface to start SINUMERIK Integrate, see Chapter: Display the "SINUMERIK Integrate" softkey (Page 15)
2. Enable the use of SINUMERIK Integrate, see Chapter: Release applications (Page 16).
3. Start the base installation "Installer" and "Base Setup". This installation is performed once. You can use the user interface to query whether the basic installation is available, see Chapter: Basic installation (Page 19).
4. Install the client setup of the application, see Chapter: Installing setups for client applications (Page 25).

## 4.1 Display the "SINUMERIK Integrate" softkey

The softkey on the user interface to call SINUMERIK Integrate is activated by a display machine data.

### Procedure



1. At the control system, start the SINUMERIK Operate operating software.
2. Press the "Commissioning" and "Masch. data" softkeys.

3. Press the menu forward key and press the "Display MD" softkey.



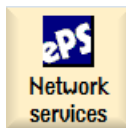
4. Set the machine data  
MD9108 \$MM\_SINUMERIK\_INTEGRATE to "1".  
The "SINUMERIK Integrate" softkey is displayed on the extended horizontal softkey bar.  
- OR -  
If you are working on a control with operating software up to V4.5.1, the machine data is:  
MD9108 \$MM\_ENABLE\_EPS\_SERVICES.  
Set the machine data to "1."  
The "ePS Network services" softkey is displayed on the extended horizontal softkey bar.

## 4.2 Release applications

When installing the applications for the first time, SINUMERIK Integrate is always stopped, and you must enable the applications.

During operation on the controller, you have the possibility to stop SINUMERIK Integrate again, see chapter: Locking applications (Page 18)

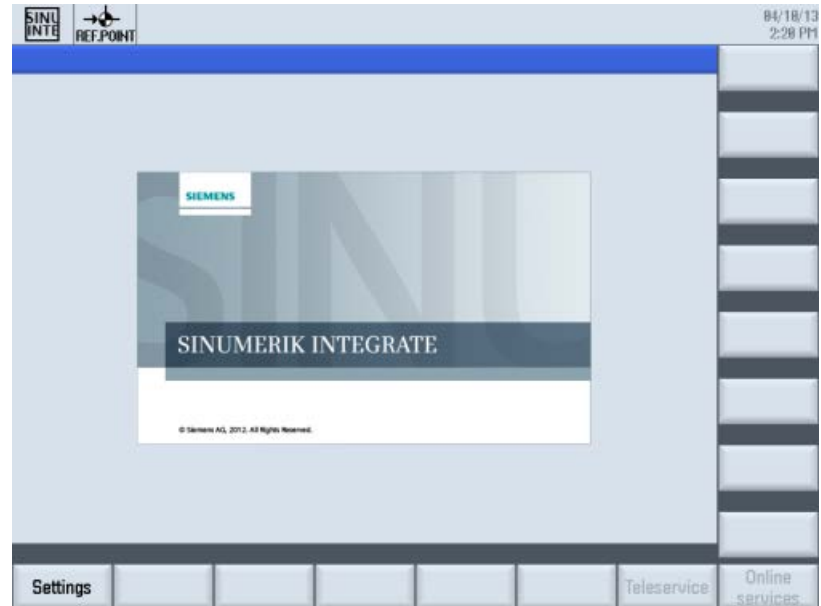
### Procedure



1. SINUMERIK Operate is started.
2. Press the menu forward key and press the "SINUMERIK Integrate" softkey.  
If the softkey is not displayed in the horizontal bar, then you must first enable the softkey, see chapter: Display the "SINUMERIK Integrate" softkey (Page 15).  
  
- OR -  
If you are working on a control with operating software up to V4.5.1, the softkey with the previous designation "ePS Network services" is displayed instead of the "SINUMERIK Integrate" softkey.

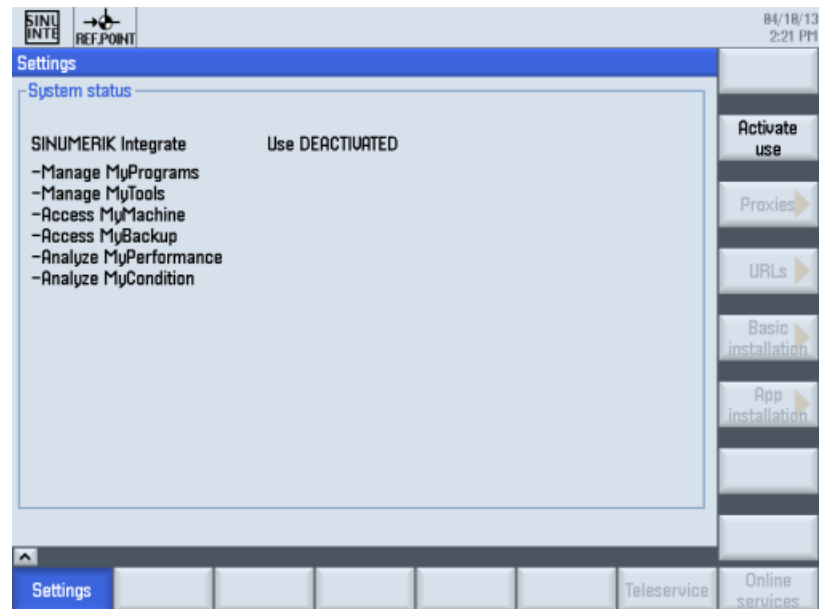


The welcome window opens.



3. Press the "Settings" softkey.

The "Settings" window opens displaying the system status "Use LOCKED".



4. Press the "Enable use" softkey to activate SINUMERIK Integrate.

You obtain the safety prompt "Do you really want to enable the use of SINUMERIK Integrate applications?"



5. Press the "OK" softkey to confirm the confirmation prompt.

The use of SINUMERIK Integrate applications is enabled.



- OR -

Press the "Cancel" softkey.

The applications are not enabled, and the previous window is displayed.

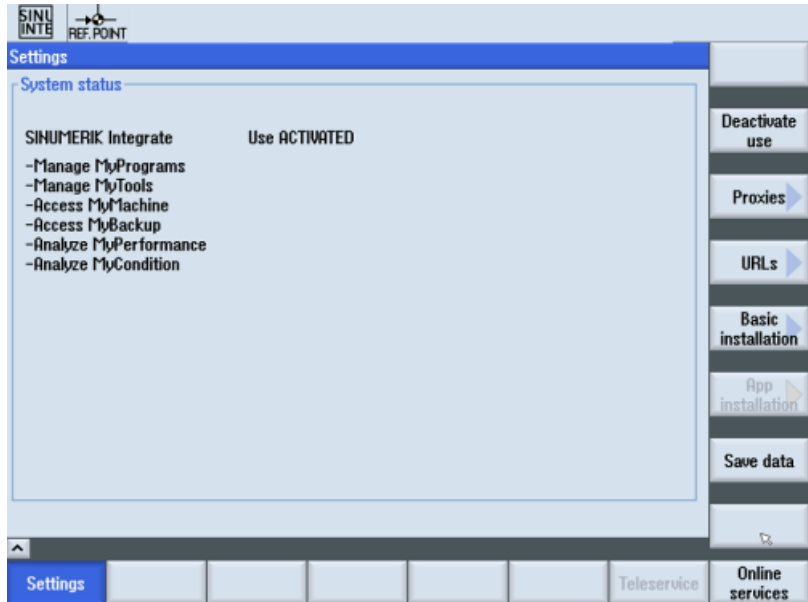
### 4.3 Locking applications

You can stop SINUMERIK Integrate if you do not need the applications during operation at the control.

#### Procedure



1. The "Settings" window is displayed.  
Use is enabled for SINUMERIK Integrate applications.  
Press the "Inhibit use" softkey to inhibit the applications.



2. You obtain the following confirmation prompt:  
"Do you really wish to inhibit the use of SINUMERIK Integrate applications?"



3. Press the "OK" softkey to confirm the confirmation prompt.

- OR -



Press the "Cancel" softkey so that SINUMERIK Integrate is not stopped.

4. After the applications have been inhibited, you receive the following message in the "Settings" window: "SINUMERIK Integrate use LOCKED".

## 4.4 Basic installation

### Introduction

You start the basis installation and the client setup directly from the user interface.

Note the following sequence:

1. Basis installation, installing Installer (Page 20)
2. App installation, installing Base Setup (Page 22)
3. Installing the MMP application (Page 25)
  - AND / OR -
  - Installing the MMT application (Page 28)
  - AND / OR -
  - Installing the AMP application (Page 30)

### 4.4.1 Basis installation, installing Installer

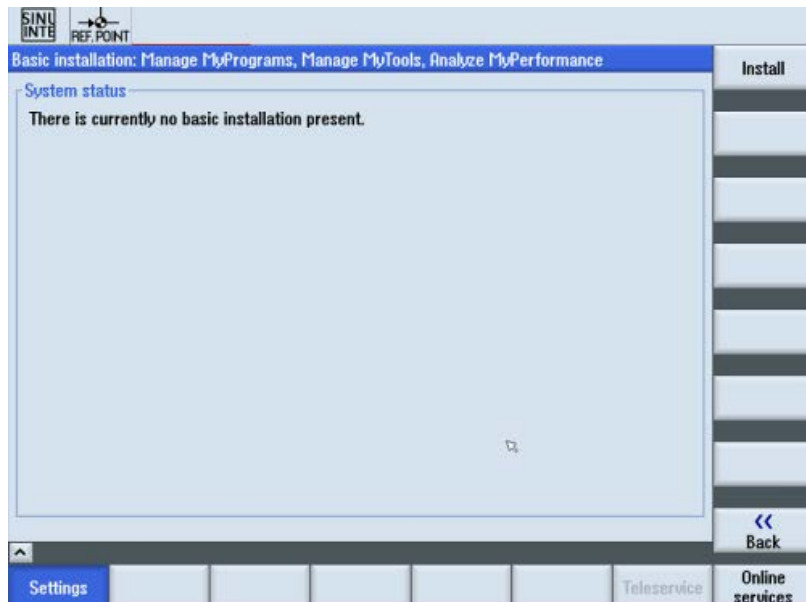
#### Requirement

The use of SINUMERIK Integrate applications must be enabled.

#### Procedure



1. The "Settings" window is displayed.  
Press the "Basis installation" softkey to identify as to whether the basis installation has already been made.  
You obtain a status message as to whether an installation is already available.  
If a basis installation is not available, then press the "Install" softkey.



2. The "Select Basis Installation" window opens and the directory overview is displayed.  
If the data is on a USB flash drive, for example, position the cursor on the "installer\_00\_00\_00\_00.tar.gz" file. (The current version will appear in place of "00\_00\_00\_00.")  
Press the "OK" softkey.

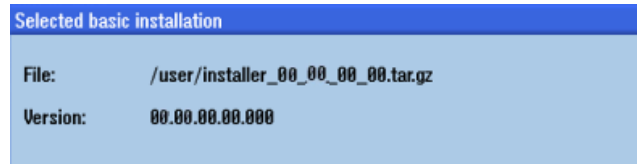


3. You will receive a message about the selected software, its directory and its version.

Now press the "OK" softkey to install the package.

- OR -

Press the "Cancel" softkey if you do not wish to install the selected package.

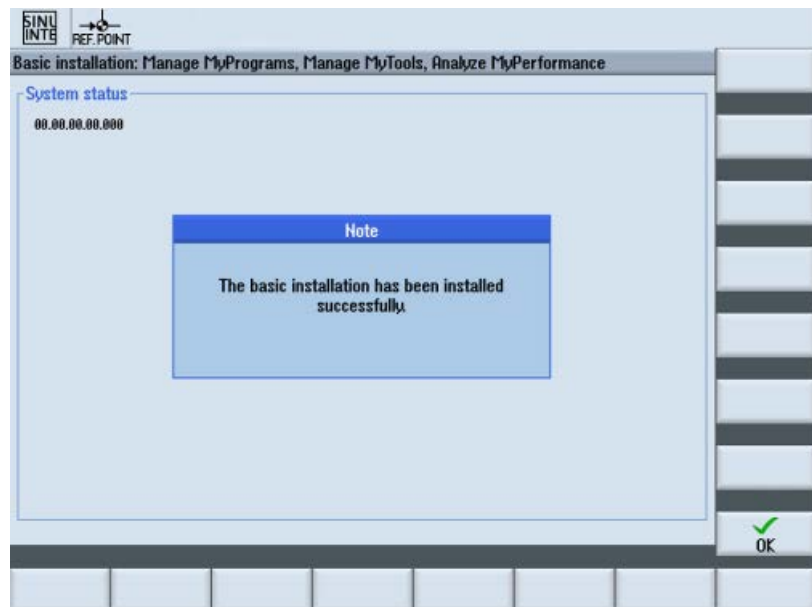


4. The installation is started and the procedure is displayed on a progress bar.

A message window is then displayed showing that the installation was successful.

The title bar shows for which applications the basis installation is applicable.

Press the "OK" softkey to complete the installation.



### 4.4.2 App installation, installing Base Setup

#### Requirement

The basis installation installer is installed.

#### Installed applications

The installed applications are displayed as overview in the "App-Installation" window.

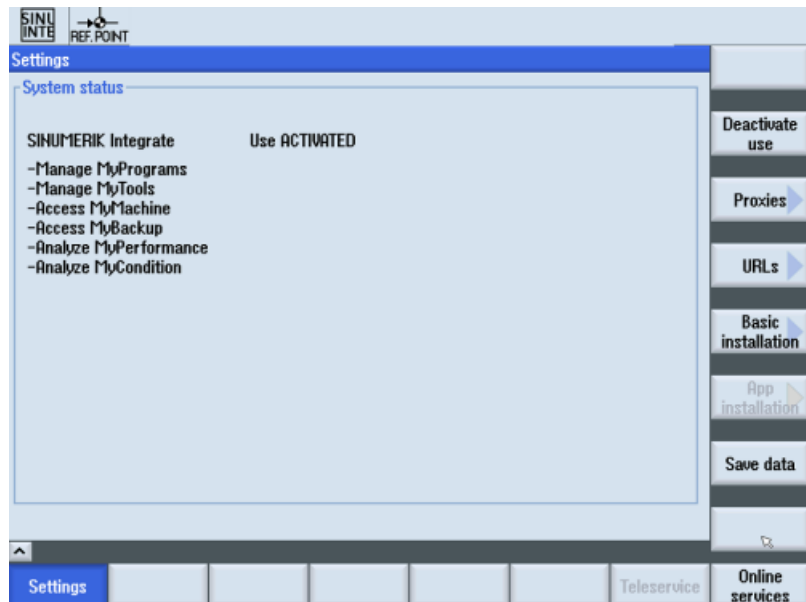
Function	Description
Application name	Installed application
Actual version	Version number of the installed version. In the following figures, "00.00.00.00.000" will always be displayed instead of the current version number.
Reference version	<input checked="" type="checkbox"/> Actual version (effective version = installed version) and reference version (nominal version) match.
	<input type="checkbox"/> Reference and actual version do not match.

#### Procedure

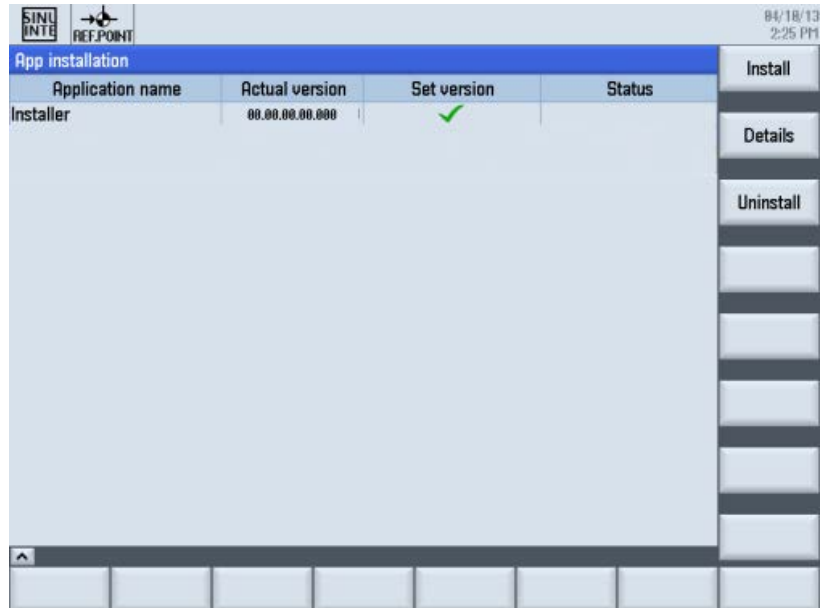


1. The "Settings" window is open and the use of SINUMERIK integrate is enabled.

Press the "App-Installation" softkey.



- The "App-Installation" window opens and shows the applications that have already been installed.



- Press the "Install" softkey.

The "Select Basis Installation" window opens and a directory overview is displayed.



- If the data is on a USB flash drive, for example, position the cursor on the "basesetup\_00\_00\_00\_00.tar.gz" file. (The current version will appear in place of "00\_00\_00\_000.")

Press the "OK" softkey.



- A confirmation message is displayed, which you must confirm with the "OK" softkey.

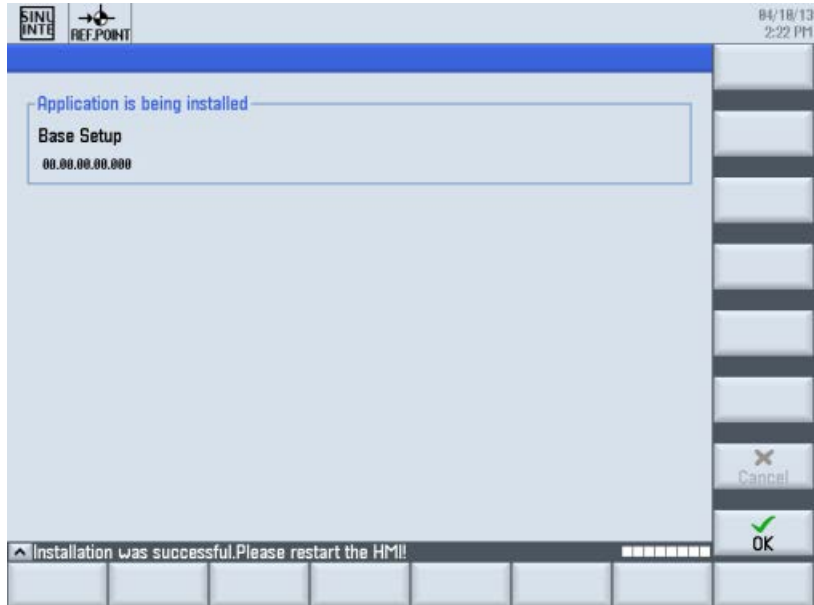
The installation is started and the procedure is displayed on a progress bar.



- A message is then displayed confirming this, and the installed application is shown under "Application is being installed."

Press the "OK" softkey.

The control is restarted and activates the application.



- The "App-Installation" window is displayed showing the applications that have already been installed along with the version numbers. (The current version appears in place of "00.00.00.00.000.")

App installation			
Application name	Actual version	Set version	Status
Installer	00.00.00.00.000	✓	
Base Setup	00.00.00.00.000	✓	



- If you wish to obtain additional information on the individual applications, select the application and press the "Details" softkey.



## 4.5 Installing setups for client applications

### 4.5.1 Overview

As a rule, the client applications must also be installed after the basic installation. An overview of this:

Client application	Separate installation
Manage MyTools (MMT)	Necessary, see Chapter: Installing the MMT application (Page 28)
Manage MyPrograms (MMP)	Necessary, see Chapter: Installing the MMP application (Page 25)
Access MyBackup (AMB)	Not necessary, because included in the basic installation.
Analyze MyCondition (AMC)	Not necessary, because included in the basic installation.
MyMachine/Ethernet (AMM/E)	Not necessary, because included in the basic installation.
MyPerformance (AMP)	Necessary, see Chapter: Installing the AMP application (Page 30)
Access MyData (AMD)	Not necessary, because included in the basic installation.



### 4.5.2 Installing the MMP application

#### Requirement

The installation of Installer and Base Setup has been completed.

#### Installed applications

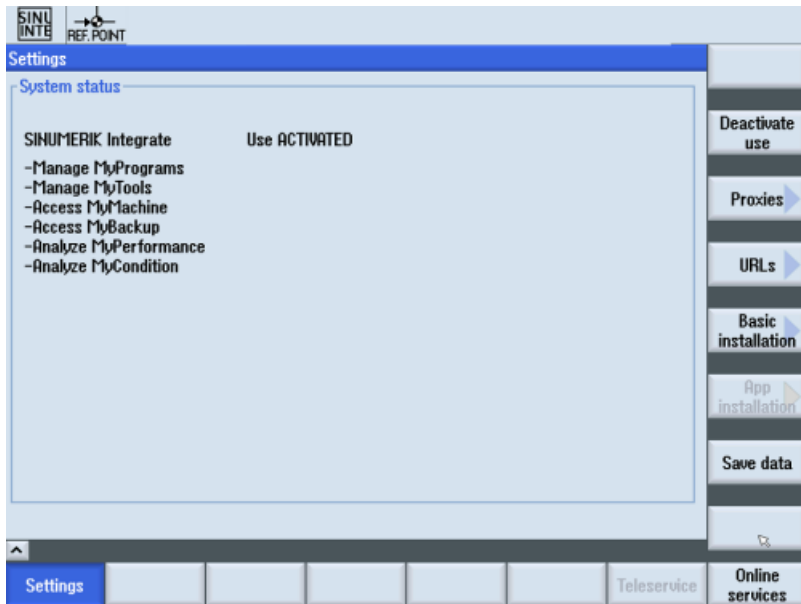
The installed applications are displayed as overview in the "App-Installation" window.

Function	Description
Application name	Installed application
Actual version	Version number of the installed version. In the following figures, "00.00.00.00.000" will always be displayed instead of the current version number.
Reference version	 Actual version (effective version = installed version) and reference version (nominal version) match.
	 Reference and actual version do not match.

Procedure



- The "Settings" window is open and the use of SINUMERIK integrate applications is enabled.  
Press the "App-Installation" softkey.



- The "App-Installation" window opens and shows the applications that have already been installed.

App installation			
Application name	Actual version	Set version	Status
Installer	00.00.00.00.000	✓	
Base Setup	00.00.00.00.000	✓	



- Press the "Install" softkey.  
The "Select Base Installation" window opens and a directory overview is displayed.



- If the data is on a USB flash drive, for example, position the cursor on the "Manage\_MyPrograms\_00\_00\_00\_00.tar.gz" gz" file. (The current version will appear in place of "00\_00\_00\_00.")  
Press the "OK" softkey.

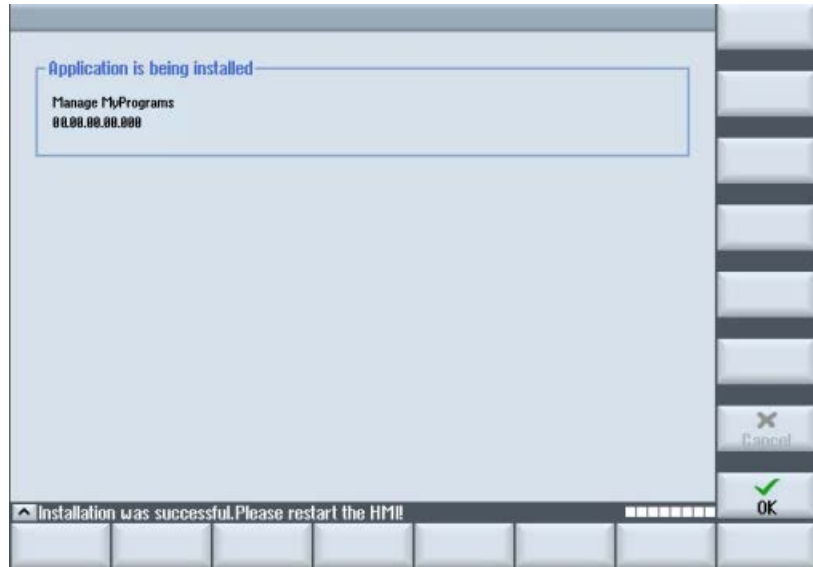


- A confirmation message is displayed, which you must confirm with the "OK" softkey.  
The installation is started and the procedure is displayed on a progress bar.



6. You will then obtain a message confirming this, and the application is shown under "Application is being installed".

Press the "OK" softkey to obtain an overview of the applications that have been installed.



7. The "App-Installation" window is displayed showing the applications that have already been installed along with the version numbers. (The current version appears in place of "00.00.00.000.")

App-Installation			
Application name	Actual version	Set version	Status
Base Setup	00.00.00.00.000	✓	
Installer	00.00.00.00.000	✓	
Manage MyPrograms	00.00.00.00.000	✓	



8. If you wish to obtain additional information on the individual applications, select the application and press the "Details" softkey.
9. Restart the control system to activate the applications.

### 4.5.3 Installing the MMT application

#### Requirement

The installation of Installer and Base Setup has been completed.

#### Installed applications

The installed applications are displayed as overview in the "App-Installation" window.

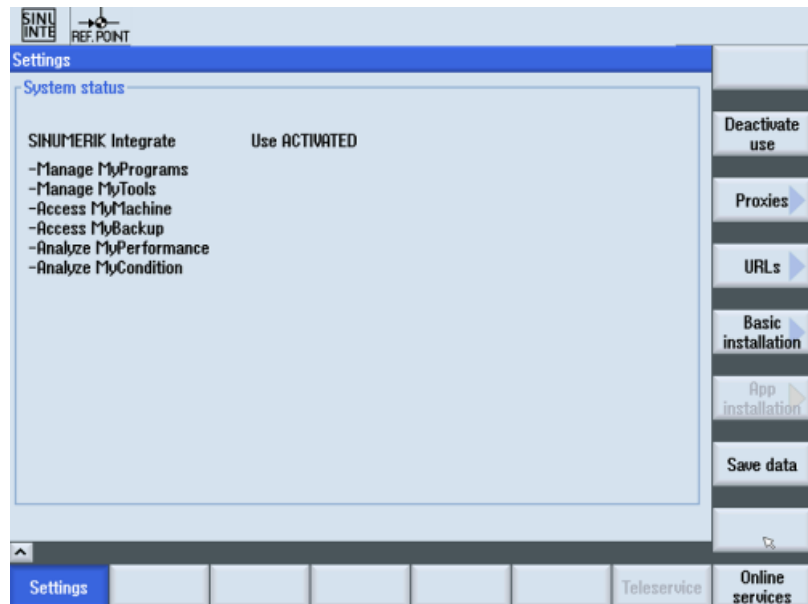
Function	Description
Application name	Installed application
Actual version	Version number of the installed version. In the following figures, "00.00.00.00.000" will always be displayed instead of the current version number.
Reference version	<input checked="" type="checkbox"/> Actual version (effective version = installed version) and reference version (nominal version) match.
	<input type="checkbox"/> Reference and actual version do not match.

#### Procedure



1. The "Settings" window is open and the use of SINUMERIK integrate is enabled.

Press the "App-Installation" softkey.



- The "App-Installation" window opens and shows the applications that have already been installed.

App installation			
Application name	Actual version	Set version	Status
Installer	00.00.00.00.000	✓	
Base Setup	00.00.00.00.000	✓	



- Press the "Install" softkey.

The "Select Basis Installation" window opens and a directory overview is displayed.



- If the data is on a USB flash drive, for example, position the cursor on the "Manage\_MyTools\_00\_00\_00\_00.tar.gz" file. (The current version will appear in place of "00\_00\_00\_00.")

Press the "OK" softkey.



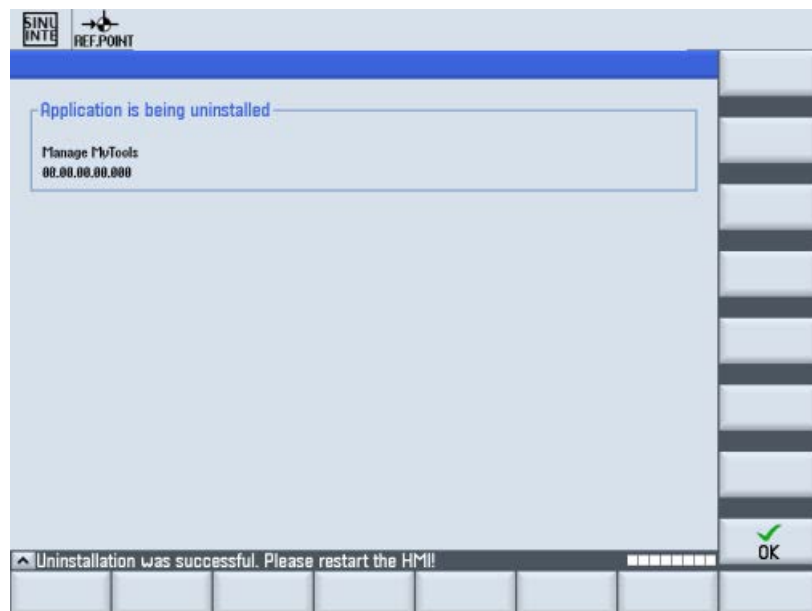
- A confirmation message is displayed, which you must confirm with the "OK" softkey.

The installation is started and the procedure is displayed on a progress bar.



- You will then obtain a message confirming this, and the installed application is shown under "Application is being installed".

Press the "OK" softkey to obtain an overview of the applications that have been installed.



4.5 Installing setups for client applications

- The "App-Installation" window is displayed showing the applications that have already been installed along with the version numbers. (The current version appears in place of "00.00.00.000.")

App installation			
Application name	Actual version	Set version	Status
Base Setup	00.00.00.000	✓	
Installer	00.00.00.000	✓	
Manage MyTools	00.00.00.000	✓	



- If you wish to obtain additional information on the individual applications, select the application and press the "Details" softkey.
- Restart the control system to activate the applications.

### 4.5.4 Installing the AMP application

#### Precondition

The basic installation of Installer and Base Setup has been completed.

#### Installed applications

The installed applications are displayed as overview in the "App-Installation" window.

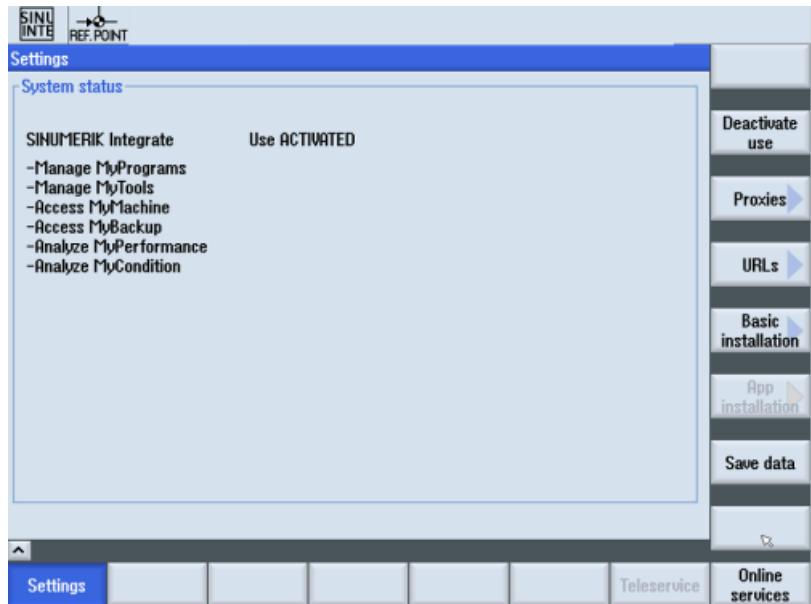
Function	Description	
Application name	Installed application	
Actual version	Version number of the installed version. In the following figures, "00.00.00.00.000" is always displayed instead of the current version number.	
Reference version	✓	Actual version (effective version = installed version) and reference version (nominal version) match.
	!	Reference and actual version do not match.

Procedure



1. The "Settings" window is displayed and the activated applications are shown.

Press the "App-Installation" softkey.



2. The "App-Installation" window is opened, and shows the applications that have already been installed.

App installation			
Application name	Actual version	Set version	Status
Installer	00.00.00.00.000	✓	
Base Setup	00.00.00.00.000	✓	



3. Press the "Install" softkey.

The "Select file" window is opened and the directory overview is displayed.

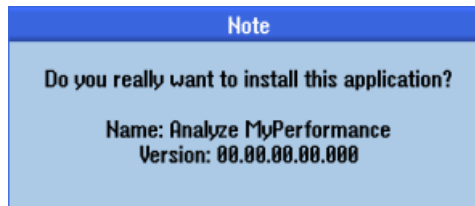


4. If the data, for example, is on a USB flash drive, position the cursor on the file "Analyze\_MyPerformance\_00\_00\_00\_00.tar.gz" (for "00\_00\_00\_00", the current version is displayed).

Press the "OK" softkey.



5. You obtain a confirmation prompt that you must confirm with the "OK" softkey.

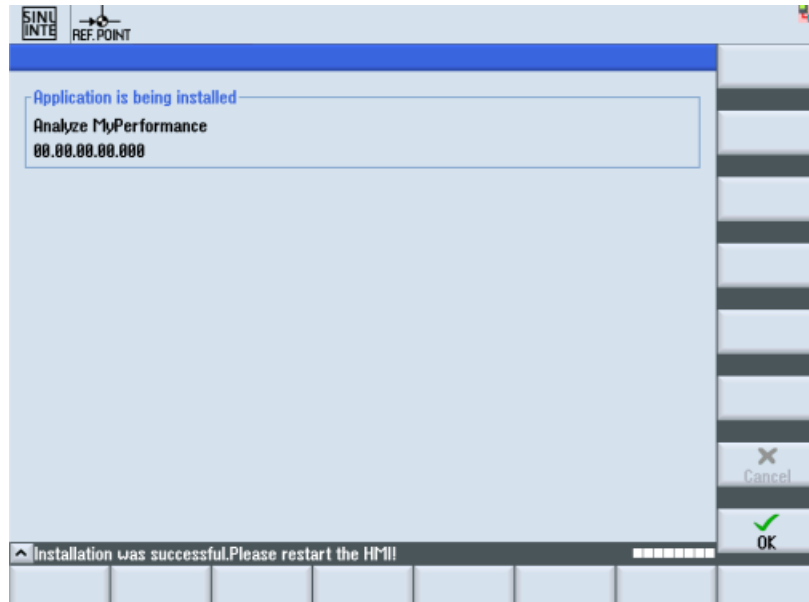


The installation is started and the procedure is displayed on a progress bar.



- You will then obtain a message confirming this, and the installed application is shown under "Application is installed".

Press the "OK" softkey.



- The "App installation" window is displayed and shows the installed applications with the version numbers (the current version is displayed for "00.00.00.000").

App installation			
Application name	Actual version	Set version	Status
Installer	00.00.00.000	✓	
Base Setup	00.00.00.000	✓	
Analyze MyPerformance	00.00.00.000	✓	



- If you wish to obtain additional information on the individual applications, select the application and press the "Details" softkey.
- Restart the control again to activate the applications.



## 4.6 Configuring URL settings

The client requires three URLs to communicate with the server. You have the option of customizing the URLs.

### Requirement

The client setup has been completed.

### URL settings

Section	Meaning
Directory	The following directories are listed in a selection box: <ul style="list-style-type: none"> <li>• Siemens (data cannot be changed)</li> <li>• OEM</li> <li>• Addon</li> <li>• User</li> </ul>
Display homepage	Individual addressing of the homepage.
RenderService	The entry for the Render Service comes from the Siemens directory and cannot be changed.
Web service URL	Individual address entry of the Webservice.
Send timeout in ms	Maximum permissible transmission time for sending in milliseconds. Note: The entry of the timeout must be greater than 10 ms.
Receive timeout in ms	Maximum permissible transmission time for receiving in milliseconds. Note: The entry of the timeout must be greater than 10 ms.

By selecting and clearing the appropriate check box, for each setting, you can set whether the entry will be overwritten.

Procedure



1. The "Settings" window is open.  
Press the "URLs>" softkey.  
The current settings are displayed.



2. Press the "Edit" softkey to change the access data to the server.  
The new entry is accepted if you select the "Overwrite here" check box.

A screenshot of a settings window with a light blue background. At the top, it says "Directories:" followed by a dropdown menu showing "User". Below this are several settings, each with a checkbox labeled "Overwrite here":

- "Display home page" with a checked checkbox.
- "RenderService" with a checked checkbox.
- "URL Web service" with a checked checkbox. Below it is a text field containing the URL "http://<IP-Address of SinInt Server>/mcis\_if/mhcomm/mhcomm.asmx".
- "Transmit timeout ms 200" with an unchecked checkbox.
- "Timeout on receive in ms 200" with an unchecked checkbox.



3. Press the "OK" softkey.  
A syntax check is performed and the access data is saved.
4. Restart the control so that the access data can take effect.

## 4.7 Configuring proxy settings

Per default the settings for the connection to the Siemens server are specified, or can be selected.

If you perform a local installation, you can individually adapt the proxy settings.

### Requirement

The applications are installed.

### Proxy settings

Function	Description
Proxy settings active	Generally use proxy settings.
Directory	The following directories are offered in the drop-down list: <ul style="list-style-type: none"> <li>• Siemens (data cannot be changed)</li> <li>• OEM</li> <li>• Addon</li> <li>• User</li> </ul>
Automatic	Automatically determine defined proxy settings.
Use proxy script	Use the following proxy settings.
	URL (proxy script)
Use fixed proxy	Use the following proxy settings.
	Proxy 1 Proxy 2 Proxy 3
Direct	Establish connection without proxy.

By activating and deactivating the appropriate checkbox, for each setting you can select whether the entry should be overwritten.

### Procedure



1. The "Settings" window is open.  
Press the "Proxys>" softkey.  
The current settings are displayed.
2. Press the "Edit" softkey to change the access data to the server.  
If you accept the new entry, then activate the "Overwrite here" checkbox.

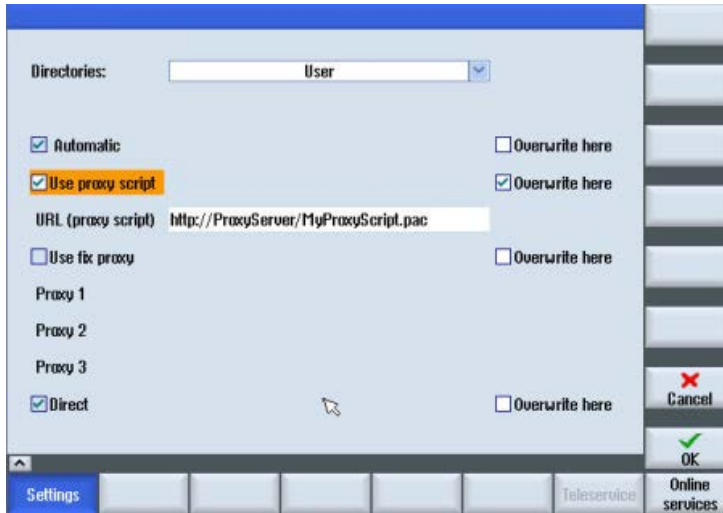




3. Press the "OK" softkey.  
A syntax check is performed and the access data is saved.
4. Restart the control so that the access data can take effect.

### Example

You can enter only one script proxy and activate the general use in the user directory. Additional entries are determined from the other directories.



## 4.8 Proxy authentication

To perform an authorization, you must enter the necessary proxy authentication data.

### Introduction

The following proxy authentication procedures are supported:

NTLM - Microsoft Windows NT Challenge/Response authentication

For the NTLM authentication protocols, users are authenticated based on a challenge and response mechanism. This mechanism proves to a server or domain controller that a user knows the password that is linked to an account.

BASIC

The Basic Authentication as per RFC 2617 is the most common type of HTTP authentication:

A web server requests authentication. The application then searches for a user name/password for this URL and possibly asks the user. Then the application sends the authentication with the authorization header in the form User name: Password Base64 encoded to the web server.

KERBEROS

The Kerberos protocol is an authentication mechanism for identifying a user or host identity. With the aid of the Kerberos protocol, a node can check at both ends of a network connection to see whether the node on the other end is the entity that it is specified to be.

---

### Note

#### Individual adaptation

Individually adapt the settings for the proxy authentication to the specific IT environments.

To do this, contact the responsible network operator/IT technician of the site of the machine in order to get the necessary access data.

---

### Authentication data

Function	Description
Domain:	Entry of a domain for a Microsoft Windows domain user.
User name:	Entry of the user name for authentication on the proxy server.
Password:	Entry of the password for authentication on the proxy server.

Function	Description
Workstation:	Optional setting for an NTLM authorization proxy server.
Directory:	<p>Set authentication data for the desired level.                      The default setting is "Siemens".                      As with the data structure of SINUMERIK Operate, you can define settings for each level.</p> <ul style="list-style-type: none"> <li>• User</li> <li>• OEM</li> <li>• Addon</li> <li>• Siemens</li> </ul> <p>The various settings were merged.                      Settings for "user" have priority over settings in "oem", etc.                      The settings for "Siemens" represent the original state and cannot be changed.</p>

By activating and deactivating the appropriate checkboxes, for each setting you can select whether the entry should be overwritten.

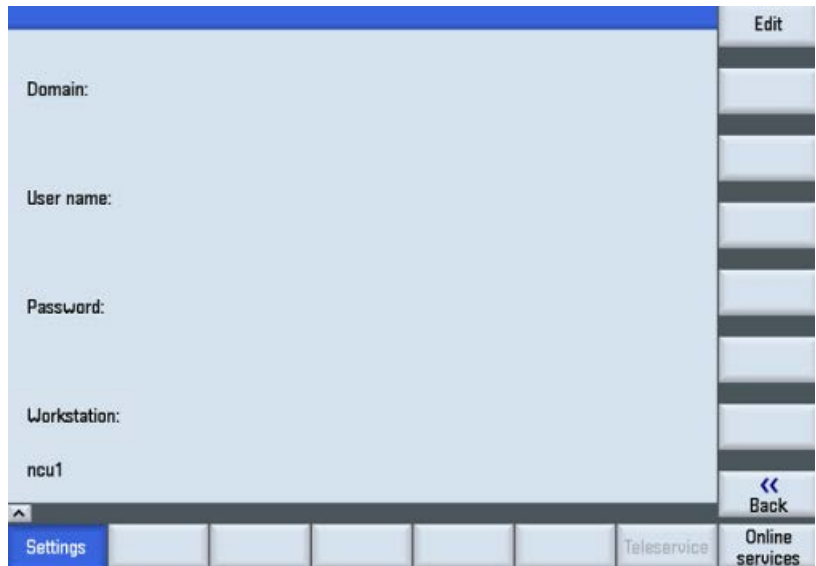
**Procedure**



1. The "Settings" window is open.  
 Press the "Proxys>" softkey.  
 The current settings are displayed.



2. Press the "Credentials" softkey to enter the data for authenticating on the proxy server.



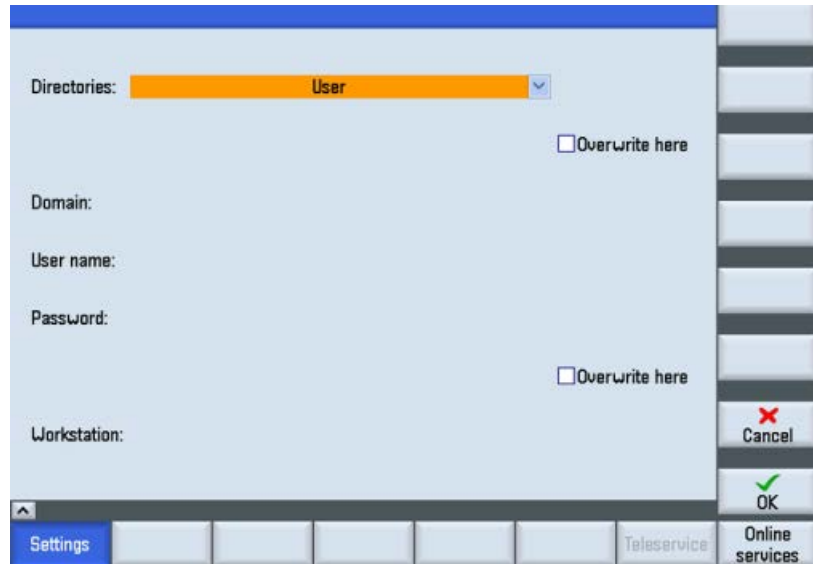
Authentication data

- OR -



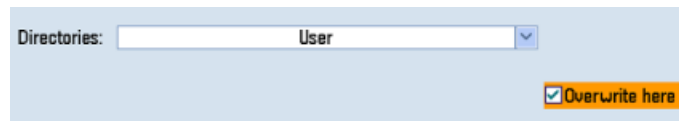
Press the "Edit" softkey to change the data.

3. Select the desired level in the "Directories" drop-down list.



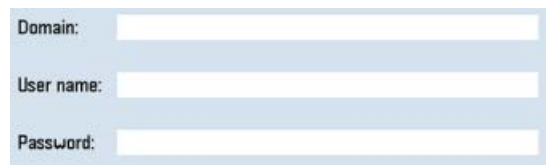
Authentication for directory

4. Activate the checkbox "Overwrite here".



Activating overwriting

5. Now enter the data for the domain, user name, and password.



Entering data



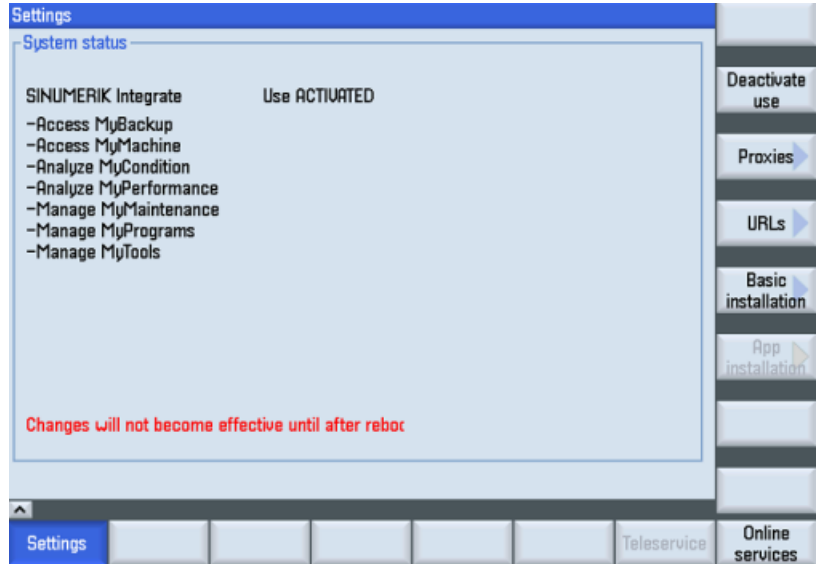
6. Press the "OK" softkey to save the settings.

- OR -



Press the "Cancel" softkey to close the window without accepting the settings.

- 7. Restart the control so that the access data can take effect.



Restart



## Uninstalling

### Introduction

To uninstall the applications, you must heed the following order:

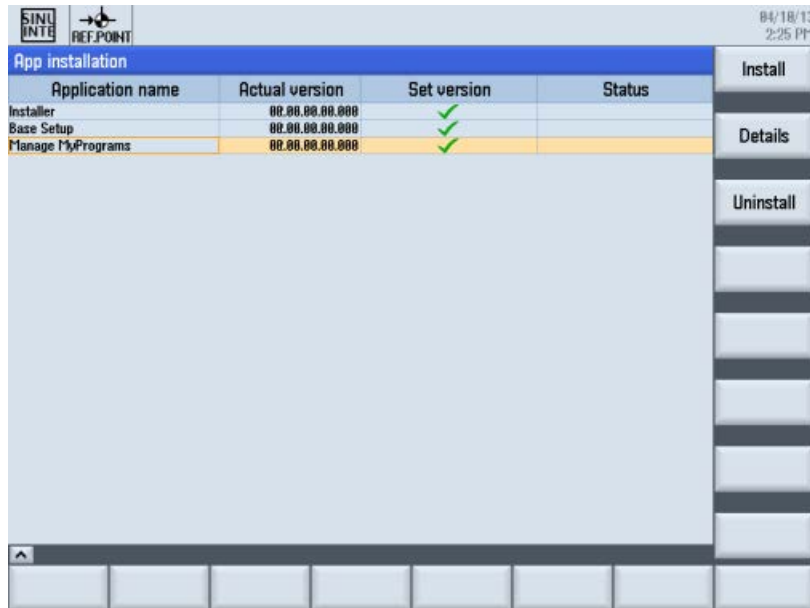
1. Uninstalling the MMP application (Page 42)  
- AND / OR -  
Uninstalling the MMT application (Page 44)  
- AND / OR -  
Uninstalling the AMP application (Page 46)
2. App installation, uninstalling Base Setup (Page 48)
3. Basis installation, uninstalling Installer (Page 49)

## 5.1 Uninstalling the MMP application

### Procedure



1. The "App-Installation" window opens, showing the applications that have already been installed along with the version number. (The current version appears in place of "00.00.00.000.")  
Select the "Manage MyPrograms" application and press the "Uninstall" softkey.



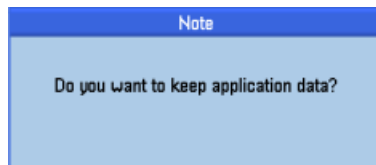
2. The following confirmation prompt is displayed: "Do you really want to uninstall this application: Manage MyPrograms".  
Press the "OK" softkey to remove the package.

- OR -



Press the "Cancel" softkey to prevent the uninstallation.

3. If you pressed the "OK" softkey, you receive another prompt: "Do you want to retain the application data?"



Press the "Yes" softkey to retain the user-specific settings in the User directory.

- OR -



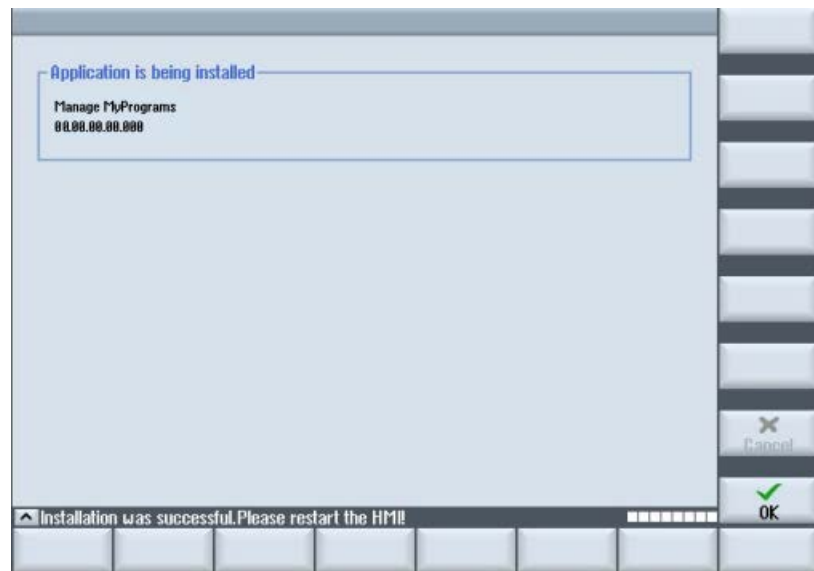
Press the "No" softkey to delete the user settings.

The uninstallation starts and the procedure is displayed on a progress bar.



4. After the "Uninstallation was successful" message, restart the control system.

To do this, press the "OK" softkey.



## 5.2 Uninstalling the MMT application

### Procedure



1. The "App-Installation" window opens, showing the applications that have already been installed along with the version numbers. (The current version appears in place of "00.00.00.000.")

Select the "Manage MyTools" application and press the "Uninstall" softkey.

App installation				Install
Application name	Actual version	Set version	Status	
Installer	00.00.00.000	✓		
Base Setup	00.00.00.000	✓		Details
Manage MyTools	00.00.00.000	✓		Uninstall

2. The following confirmation prompt is displayed: "Do you really want to uninstall this application: Manage MyTools?".

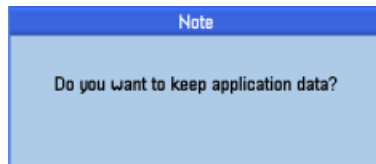
Press the "OK" softkey to remove the package.

- OR -

Press the "Cancel" softkey to prevent the uninstallation.



3. If you pressed the "OK" softkey, you receive another prompt: "Do you want to retain the application data?".



Press the "Yes" softkey to retain the user-specific settings in the User directory.

- OR -



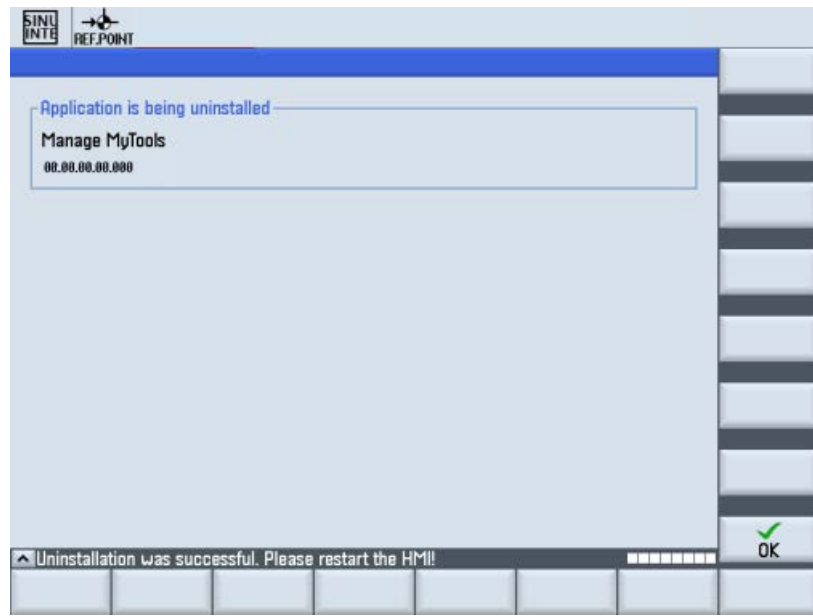
Press the "No" softkey to delete the user settings.

The uninstallation starts and the procedure is displayed on a progress bar.

4. After the "Uninstallation was successful" message, restart the control system.



To do this, press the "OK" softkey.



## 5.3 Uninstalling the AMP application

### Procedure



1. The App installation window is open and shows the installed applications with the version numbers (the current version is displayed for "00.00.00.000").

Select the "Analyze MyPerformance" application and press the "Uninstall" softkey.

App installation				Install
Application name	Actual version	Set version	Status	
Installer	00.00.00.000	✓		
Base Setup	00.00.00.000	✓		Details
Analyze MyPerformance	00.00.00.000	✓		Uninstall



2. The following confirmation prompt is displayed: "Do you really wish to uninstall this application: Analyze MyPerformancel". Press the "OK" softkey to remove the package.

The process is displayed in a progress bar.

- OR -

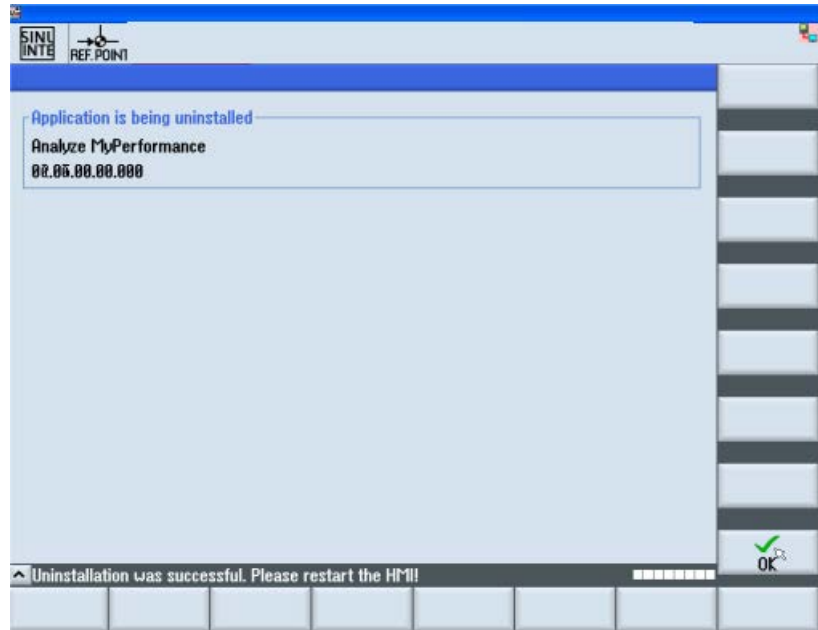


Press the "Cancel" softkey to prevent the uninstallation.



3. After the "Uninstallation was successful" message, restart the control system.

To do this, press the "OK" softkey.



## 5.4 App installation, uninstalling Base Setup

### Procedure



1. Press the "App-Installation" softkey.

The "App-Installation" window opens, showing the applications that have already been installed along with the version numbers. (The current version appears in place of "00.00.00.000.")



2. Base Setup is selected. Press the "Uninstall" softkey.

Application name	Actual version	Set version	Status
Base Setup	00.00.00.000	✓	
Installer	00.00.00.000	✓	



3. The following confirmation prompt is displayed: "Do you really want to uninstall this application: Base Setup."

Press the "OK" softkey to remove the package.

The procedure is displayed on a progress bar.

- OR -



Press the "Cancel" softkey to prevent the uninstallation.



4. After the "Uninstallation was successful" message, restart the control system.

To do this, press the "OK" softkey.



## 5.5 Basis installation, uninstalling Installer

### Procedure

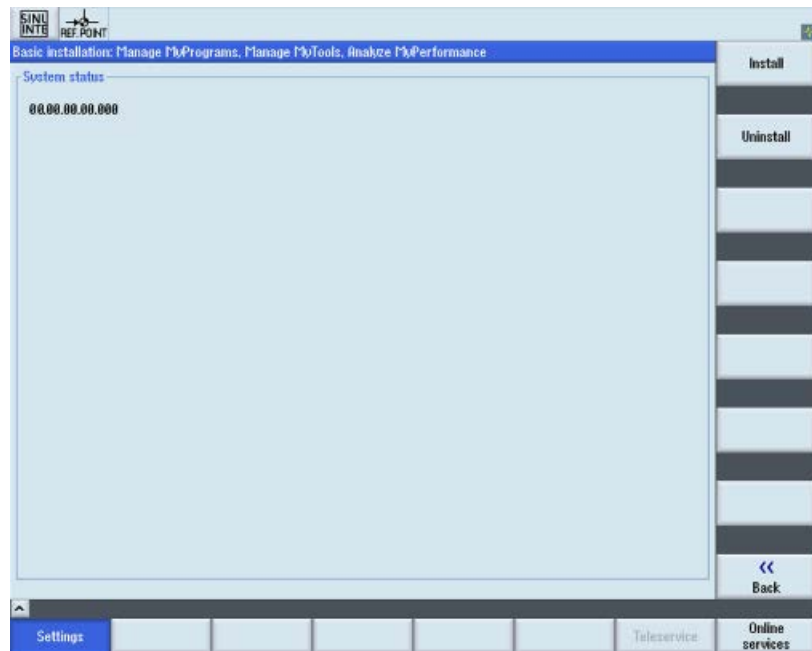


1. Press the "Base Installation" softkey.

Under "System status," the installed version number is shown. (The current version appears in place of "00.00.00.00.00.")



2. Press the "Uninstall" softkey.



3. The following confirmation prompt is displayed: "Do you really want to delete the Base Installation?".

Press the "OK" softkey to remove the package.

The procedure is displayed on a progress bar.

- OR -



Press the "Cancel" softkey to prevent the uninstallation.

4. After completion of the procedure, you receive the information "No Base Installation exists currently".

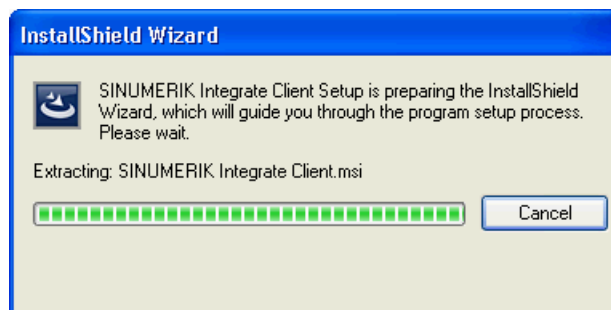
Restart the control system.



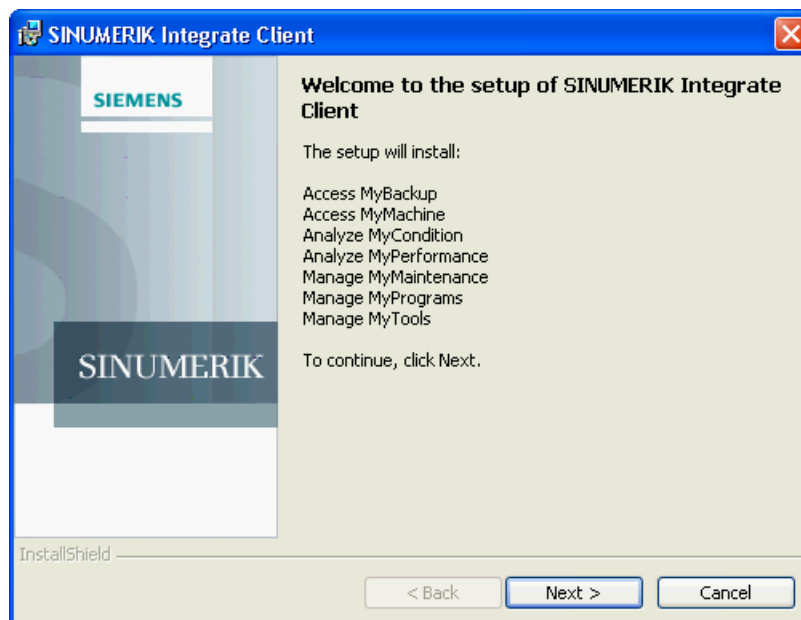
## Client update under Windows

### Procedure

1. Start the PCU in the Windows service mode.
2. Open the installation directory on the installation DVD or a local copy in the directory on the PCU.
3. Start the setup file "setup.exe" by double-clicking it, see also Overview (Page 13), "Form in which the client update is delivered"  
The SINUMERIK Integrate Client - InstallShield Wizard opens.



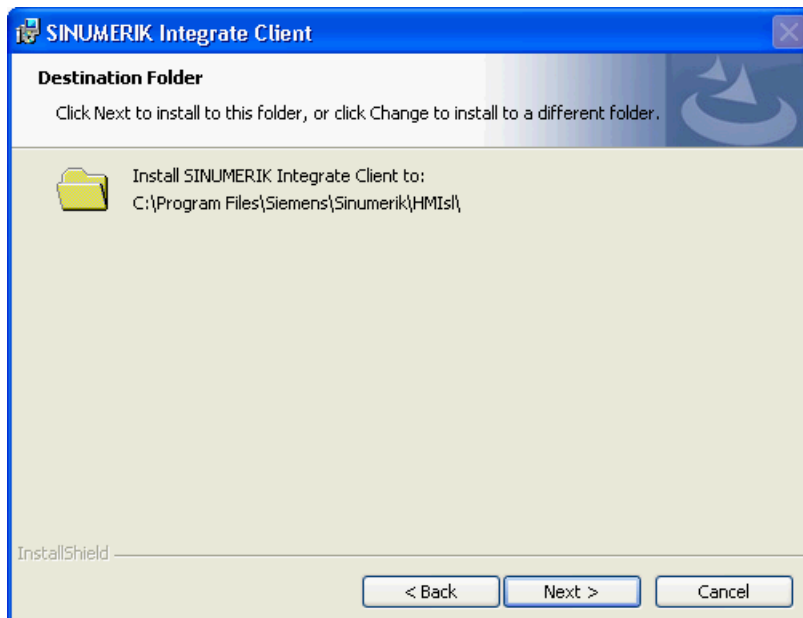
4. The welcome screen opens and shows the applications to which the update applies. Click "Next >" to start installation preparation.



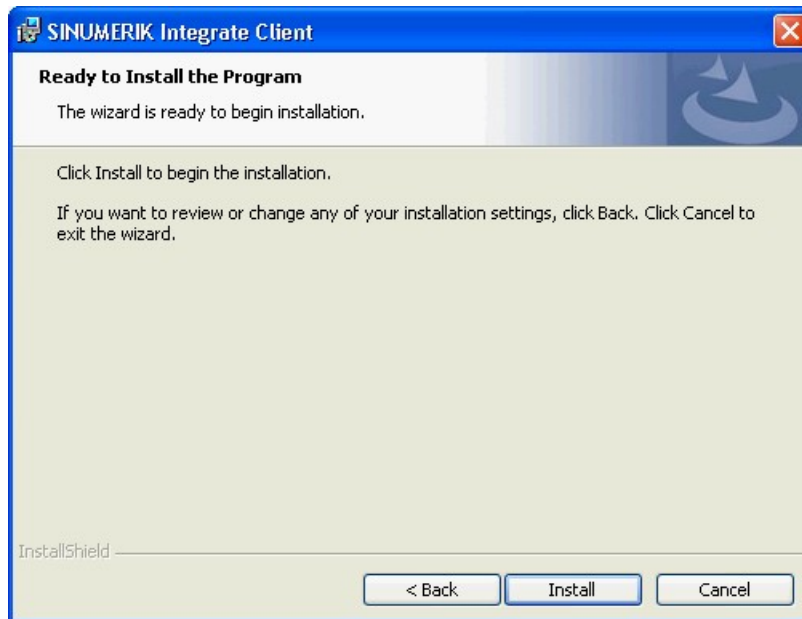
5. The "License Agreement" window opens.  
Read the license agreement.  
If you want to print the terms, click "Print."  
Then select "I accept the terms in the license agreement" and click "Next >."



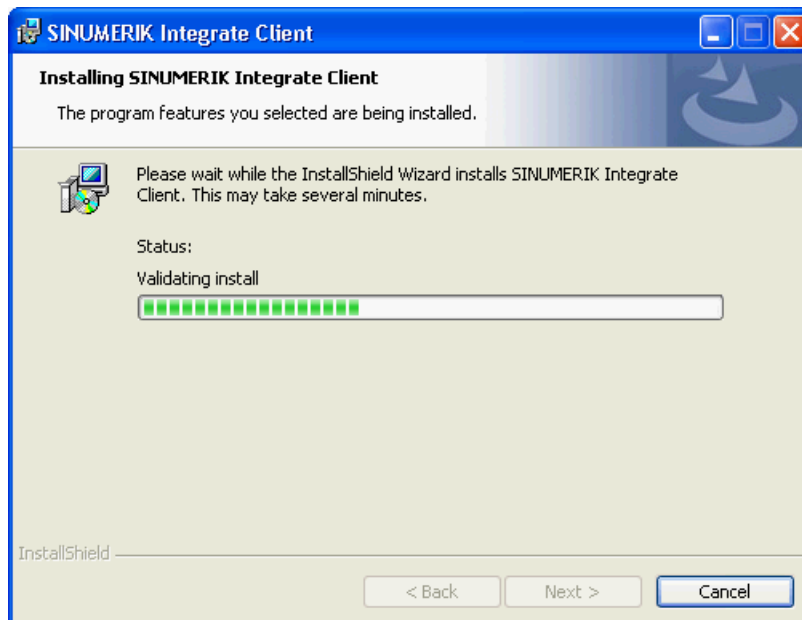
6. The installation directory, in which the application will be installed is displayed in the next window.  
Click "Next >" to accept the directory suggested by the setup.



7. The Wizard is ready to start the installation.  
Click "Install" to start installation.



8. The installation is started and the procedure is displayed on a progress bar.



9. Click "Finish" to complete the installation.



10. Finally, an overview is shown of the applications that the client can use.



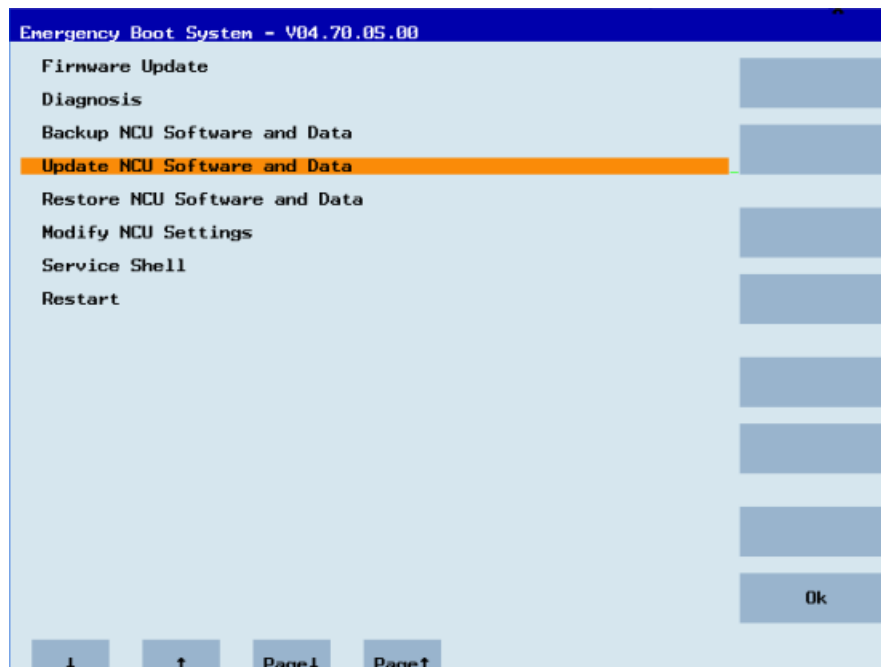
## Client update under Linux

### Requirement

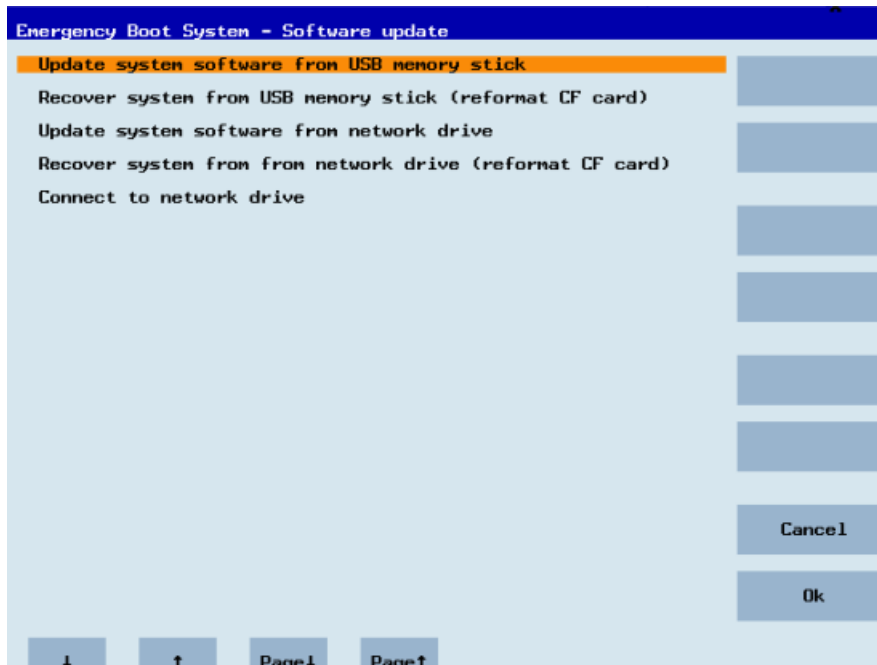
- Emergency Boot System V04.70.05.00

### Procedure

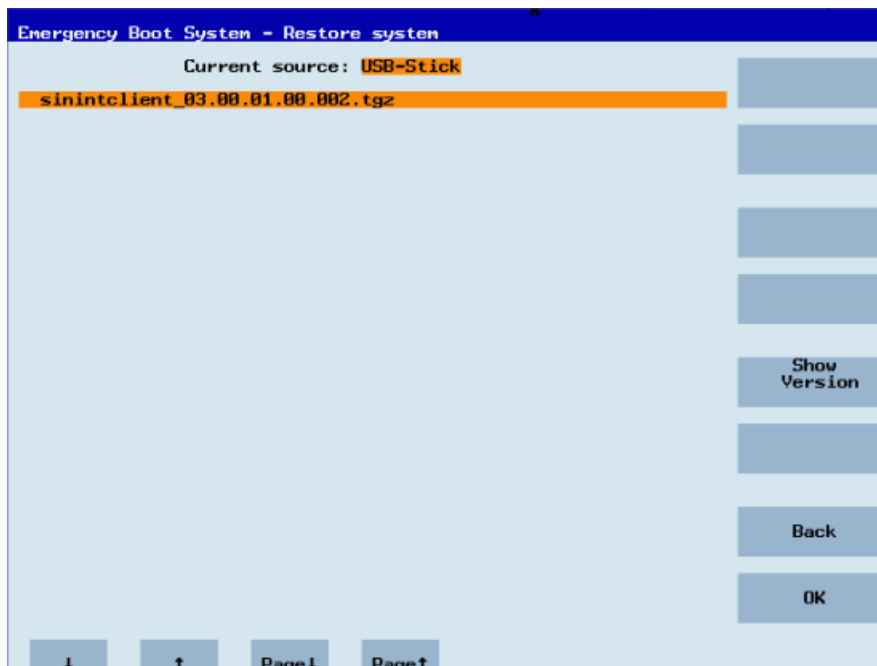
1. Copy file "sinintclient.tgz" onto the USB flash drive, see also Chapter: Overview (Page 13), "Form in which the client update is delivered"
2. Insert the USB flash drive into the NCU.
3. Start the NCU.
4. In the menu, select "Update NCU Software and Data" with the cursor keys and press the "OK" softkey.



5. In the menu, select "Update system software from USB memory stick" with the cursor keys and press the "OK" softkey.



6. You receive a list with all tgz files.  
Select the current file.  
Press the "OK" softkey to confirm your selection.  
- OR -  
Press the shortcut key <Shift> + <F8> on the operator panel.

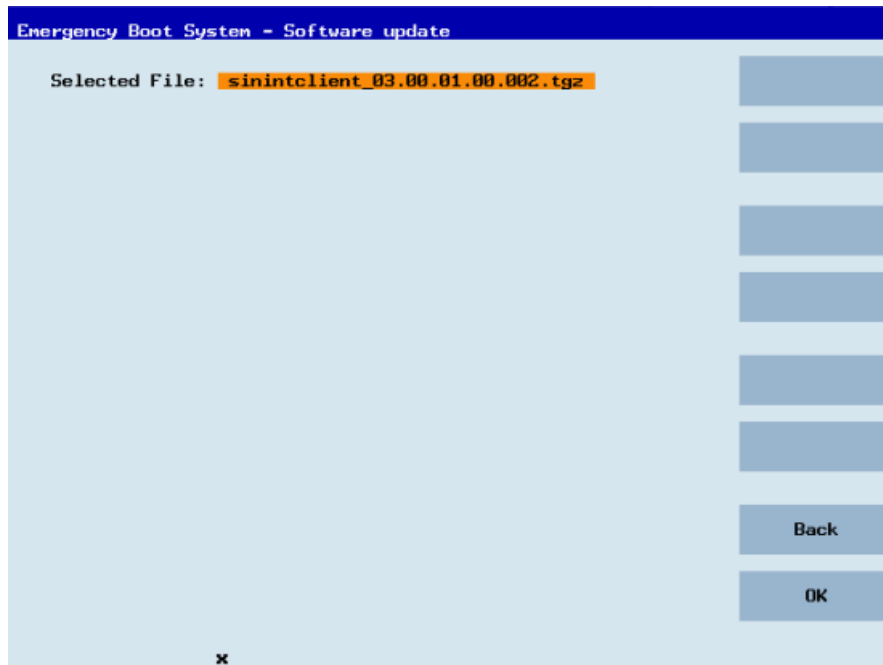


7. The selected file is displayed.  
Press the "OK" softkey to confirm your selection.



- OR -

Press the shortcut key <Shift> + <F8> on the operator panel.

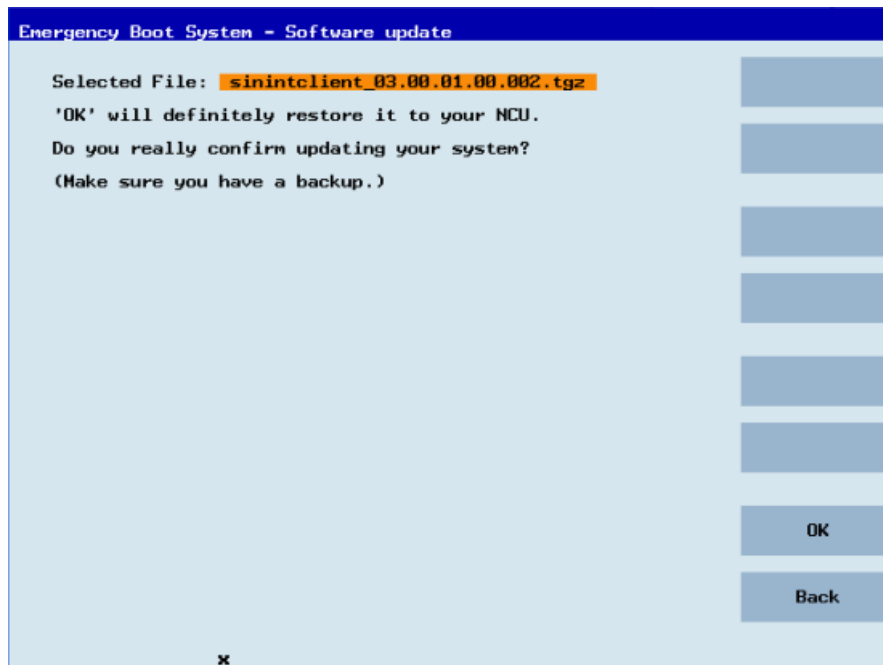


8. A confirmation prompt appears.

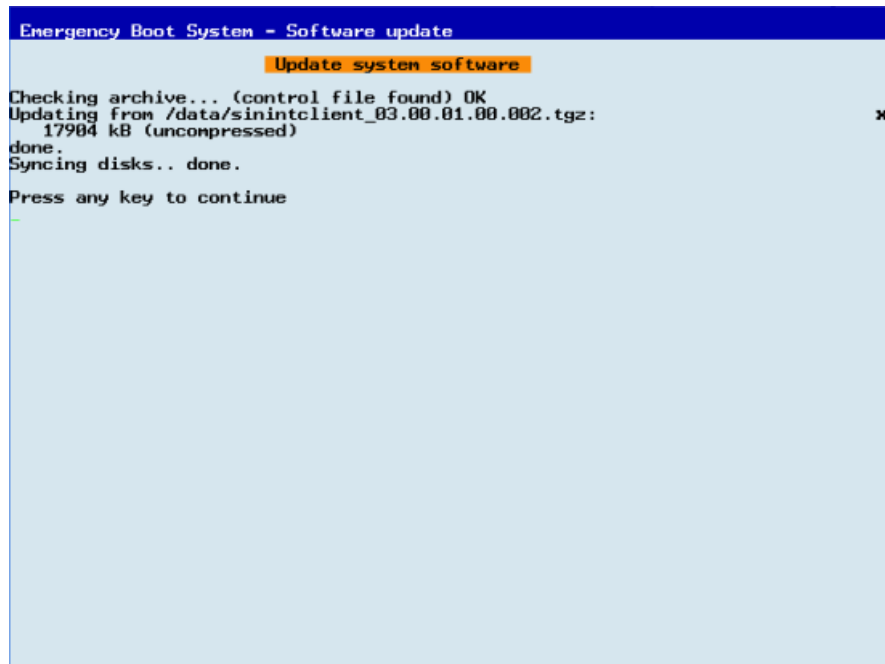
Press the "OK" softkey to confirm the confirmation prompt.

- OR -

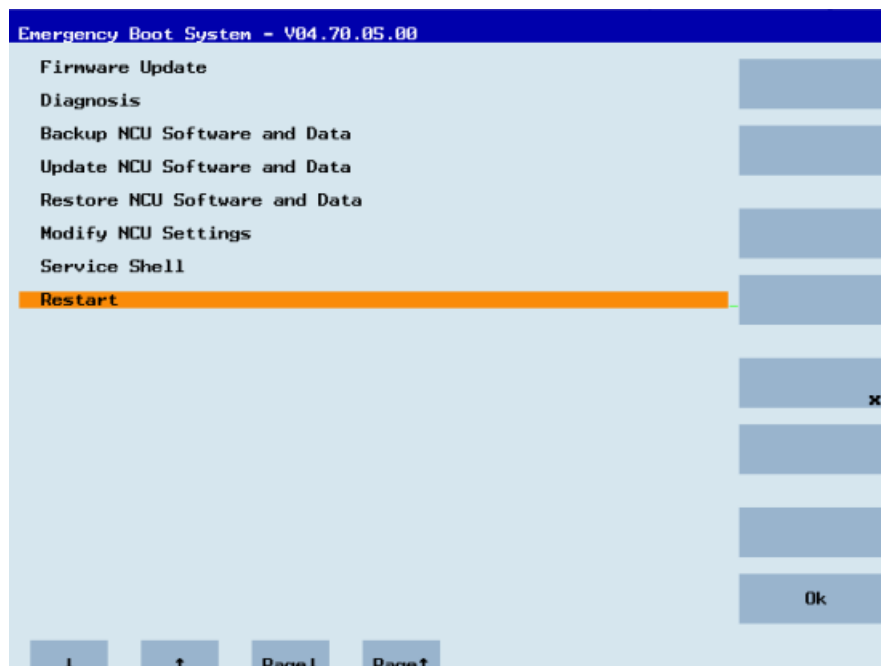
Press the shortcut key <Shift> + <F7> on the operator panel.



9. Installation is started.



10. When installation has been completed, the following message appears.  
Remove the USB flash drive.  
Select "Restart" from the menu and press the "OK" softkey.



# Index

## A

- App installation
  - Base Setup, 23
- Authentication procedures, 37

## B

- Base Setup, 22
  - Uninstalling, 48
- Basis installation
  - Installer, 20

## I

- Installer, 20
  - install, 20
  - Uninstalling, 49
- Installing the AMP client
  - with SINUMERIK Operate, 31
- Installing the MMP client
  - with SINUMERIK Operate, 26
- Installing the MMT client
  - With SINUMERIK Operate, 29

## P

- Proxy
  - adapting, 35, 38
  - Authentication procedures, 37
  - settings, 35

## S

- Setting URLs
  - with SINUMERIK Operate, 34
- SINUMERIK Integrate
  - Display on SINUMERIK Operate softkey, 15
  - Enable at SINUMERIK Operate, 17
  - stopping at SINUMERIK Operate, 18
- SINUMERIK Integrate client update
  - for SINUMERIK Operate under Linux, 55
  - for SINUMERIK Operate under Windows, 51
  - installing, 51

## U

- Uninstalling the AMP client
  - with SINUMERIK Operate, 46
- Uninstalling the MMP client
  - with SINUMERIK Operate, 42
- Uninstalling the MMT client
  - with SINUMERIK Operate, 44
- Update
  - SINUMERIK Operate under Linux, 55

