

Siemens AG

SIMATIC LOGON Service

Interface DLL to connect the SIEMENS HMI RFI reader



SLS via HMI RFI Reader



SIRFID.DLL

- 1 Introduction 4
- 2 Installation..... 4
- 3 Configure Users 5
- 4 Change Settings 7
 - 4.1 SIMATIC Logon up to 1.4..... 7
 - 4.2 SIMATIC Logon as from 1.4..... 7
- 5 Configure SLS..... 8
- 6 Change Project (PCS7 V7.0 or older)..... 9
- 7 Edit Card Data 10

1 Introduction

After successful completion of the Setup, the "SIRFID.DLL" file is located in the following directory:
C:\Programs\Siemens\SIMATICLogon\SIRFID.Dll

The SIRFID.Dll supports the following versions of SIMATIC Logon:

- 1.4.x
- 1.3.1 (i.e. 1.3 SP1)

Warning

SLS V1.3.0 (i.e. without SP1) does not support card readers and cannot be used with this DLL.

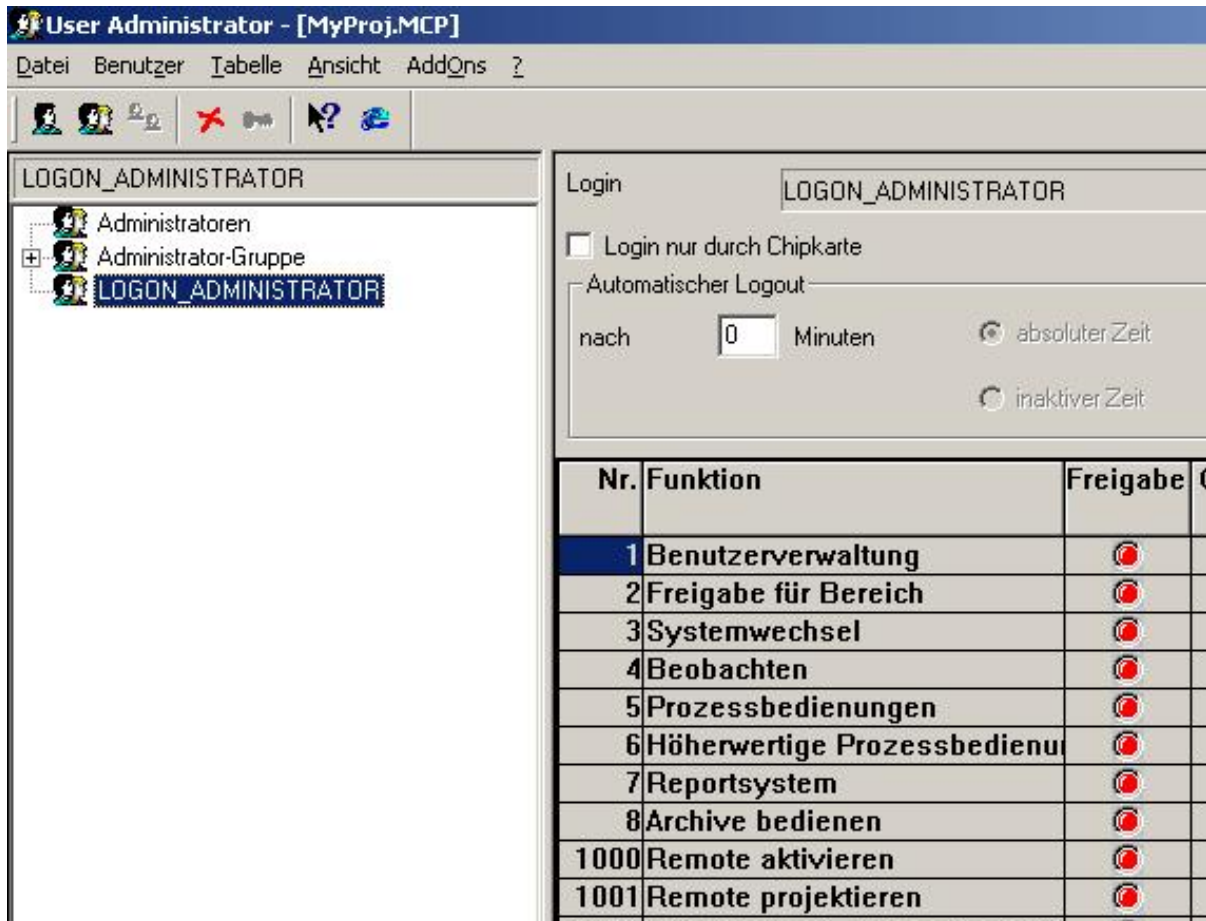
2 Installation

Proceed as follows to connect the HMI RFI reader.

1. Connect reader, close driver installation prompt.
2. Install the device driver via UIDDRV_Win32_Siemens.cmd. Then create and start the Windows service UIDDRV_Service.
3. Restart the computer and then check that the device has been recognized in the device manager. If not, install the driver via "Install driver automatically". The driver installed in Step 2 is then used automatically.
4. Run Setup.exe and then restart the computer.

3 Configure Users

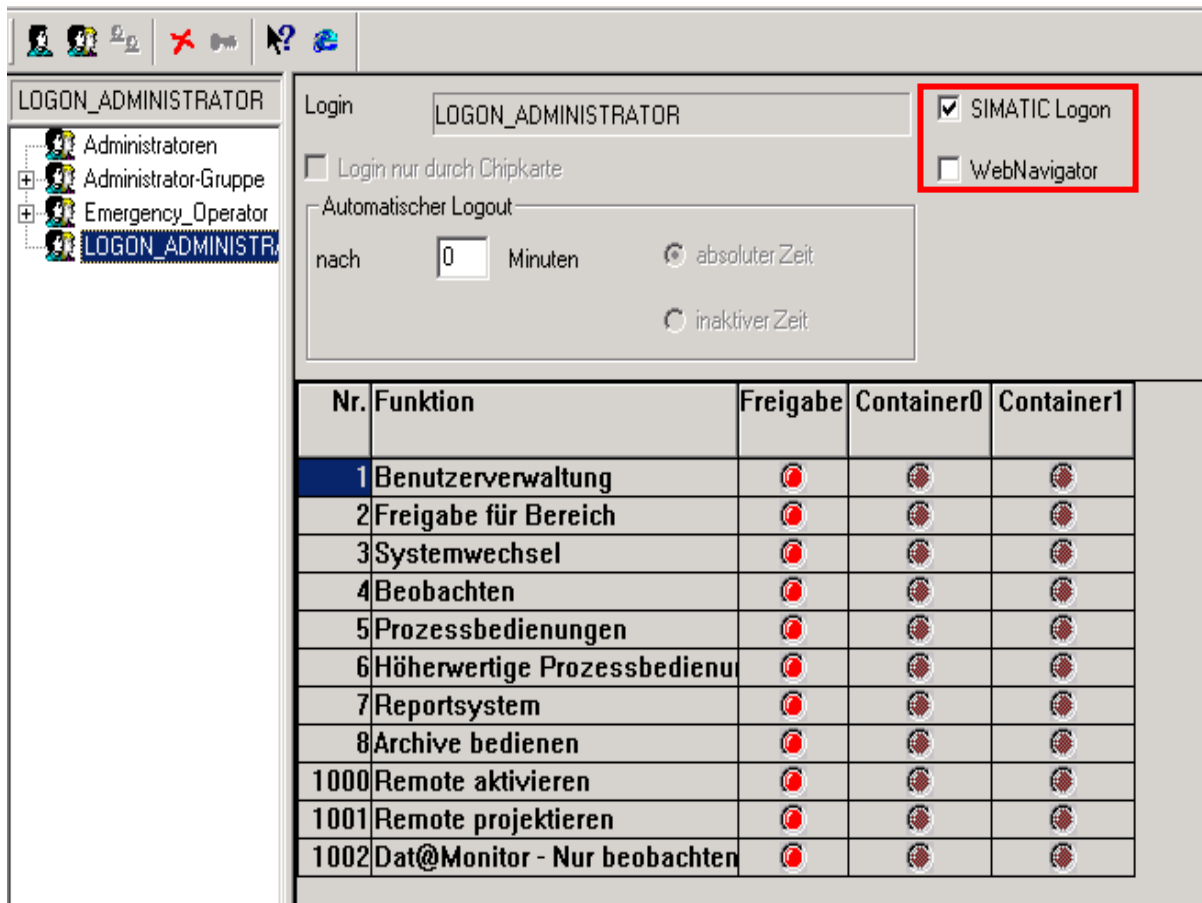
To be able to log on via the SIEMENS card reader you must configure one or more users in the WinCC User Administrator. These users must be identical with Windows users or a Windows group.



For example, all Windows users who belong to the Windows group LOGON_ADMINISTRATOR have the right to log on if you add this group to the WinCC User Administrator.

Siemens AG

Check the "SIMATIC Logon" check box.



The screenshot shows the SIMATIC Logon interface. On the left is a tree view with the following items: LOGON_ADMINISTRATOR, Administratoren, Administrator-Gruppe, Emergency_Operator, and LOGON_ADMINISTRATOR (selected). The main area contains a login form with the following fields and options:

- Login: LOGON_ADMINISTRATOR
- SIMATIC Logon
- WebNavigator
- Login nur durch Chipkarte
- Automatischer Logout:
 - nach Minuten
 - absoluter Zeit
 - inaktiver Zeit

Below the login form is a table with the following data:

Nr.	Funktion	Freigabe	Container0	Container1
1	Benutzerverwaltung			
2	Freigabe für Bereich			
3	Systemwechsel			
4	Beobachten			
5	Prozessbedienungen			
6	Höherwertige Prozessbedienungen			
7	Reportsystem			
8	Archive bedienen			
1000	Remote aktivieren			
1001	Remote projektieren			
1002	Dat@Monitor - Nur beobachten			

4 Change Settings

4.1 SIMATIC Logon up to 1.4

Up to and including SIMATIC Logon version V1.3.1, the card reader DLL to be loaded is configured via the following code:

```
HKEY_LOCAL_MACHINE\SOFTWARE\SIEMENS\SIMATICLOGON\CONFIG\LOGONDEVICE
```

→ DEVICEDLL:

Note
If necessary, you must change the code to "SIRFID.Dll".

4.2 SIMATIC Logon as from 1.4

As from the SIMATIC Logon version V1.4.1, the card reader DLL to be loaded is no longer defined via the Registry, but via an entry in the following configuration file:

```
C:\Documents and Settings\All Users\Documents\Siemens\SIMATICLogon\settings\slsettings.ini
```

There is also a "DeviceDll" entry here that might have to be changed (see 4.1).

Note
The existing file "slsettings.ini" was saved as "slsettings.ini_old".

5 Configure SLS

Open the Start menu, go to SIMATIC → SIMATIC Logon and select the item "Configure SIMATIC Logon". Open "Configure SIMATIC Logon" and log yourself on.

Then go to the "Logon Device" tab and enable the setting "Logon via other device".

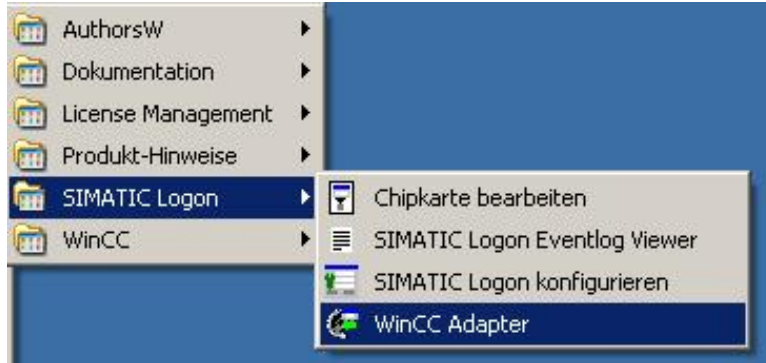


Note

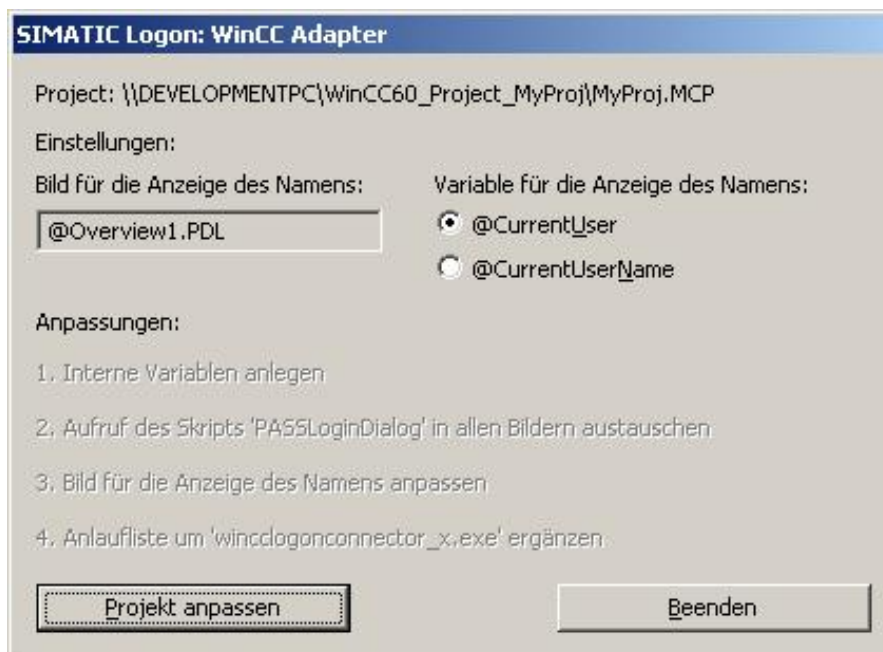
SIMATIC Logon, and thus also the SIEMENS reader, is used only if "Logon via other device" is set. The "Logon via chip card reader" option disables SIMATIC Logon and only permits use with a WinCC-specific reader.

6 Change Project (PCS7 V7.0 or older)

Run the WinCC Configuration Editor with the WinCC Explorer open, but without Runtime started.

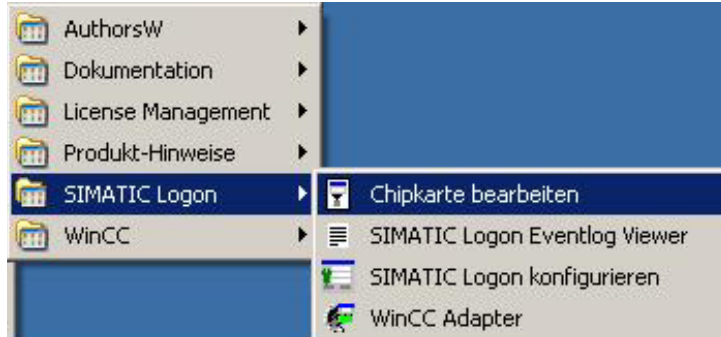


Change the project and the open project is configured as well.



7 Edit Card Data

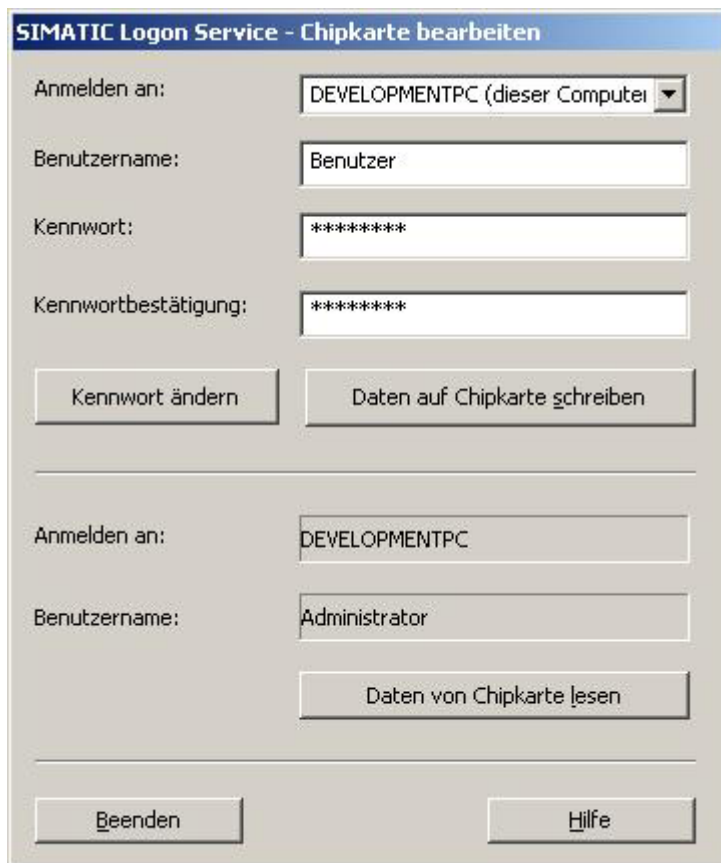
In the Start menu, click on SIMATIC Logon → Process Chip Card



Now, you can change the card data via the interface. However, the password cannot be read out in any case. If necessary, you must overwrite it.

Note

To edit the card it might be necessary to switch to "Logon via chip card reader" in "Configure SIMATIC Logon". In this case, switch back to "Logon via other device" after editing the card data.

A screenshot of the 'SIMATIC Logon Service - Chipkarte bearbeiten' dialog box. The dialog has a title bar and several input fields and buttons. The top section has a dropdown for 'Anmelden an:' set to 'DEVELOPMENTPC (dieser Computer)'. Below it are text boxes for 'Benutzername:' (containing 'Benutzer'), 'Kennwort:' (containing '*****'), and 'Kennwortbestätigung:' (containing '*****'). There are two buttons: 'Kennwort ändern' and 'Daten auf Chipkarte schreiben'. The bottom section has 'Anmelden an:' set to 'DEVELOPMENTPC' and 'Benutzername:' set to 'Administrator', with a 'Daten von Chipkarte lesen' button. At the very bottom are 'Beenden' and 'Hilfe' buttons.