

SIEMENS



Application Example • 11/2016

Sm@rtClient App Demo Access

Comfort Panels, WinCC Runtime Advanced



<https://support.industry.siemens.com/cs/ww/en/view/92190359>

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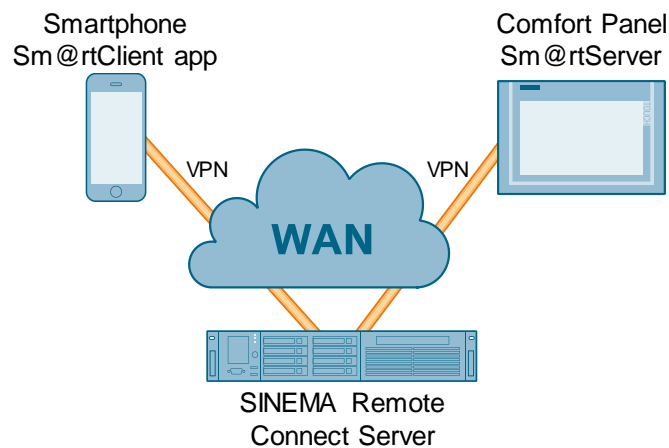
1 Demo Access

Description

The Sm@rtClient app offers remote access to your operator panel or your WinCC Runtime Advanced via your smartphone or tablet computer from anywhere in the world. The demo access gives an overview of the functionality and performance of the Sm@rtClient app. Thus, you can test the app without any configuration effort.

For connections established via an insecure network (such as the Internet), protection against data manipulation and espionage is of particular importance. With SINEMA Remote Connect, Siemens offers a server application which you can use for managing and establishing tunnel connections (VPN). You can access the demo access using a VPN connection via SINEMA Remote Connect.

Figure 1-1



Availability

- Due to occasional maintenance and updating, permanent demo access availability cannot be ensured. Thank you for your understanding.
- Only one user can access the demo access at a time. Here, the user who logged in last has priority.

2 Configuration

2.1 Installing smartphone apps

Sm@rtClient app

Download the SIMATIC WinCC Sm@rtClient app and install it.

The link to the SIMATIC WinCC Sm@rtClient or SIMATIC WinCC Sm@rtClient Lite apps for Android and iOS is available in the chapter [Links & Literature](#) or via the following QR code.

Figure 2-1



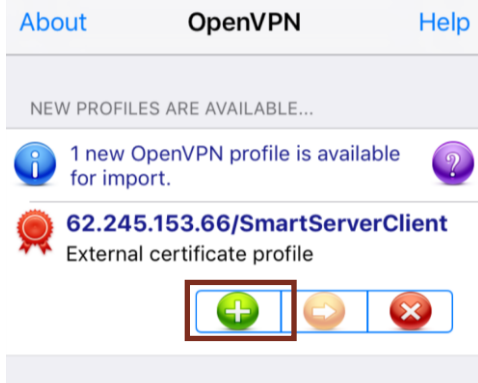
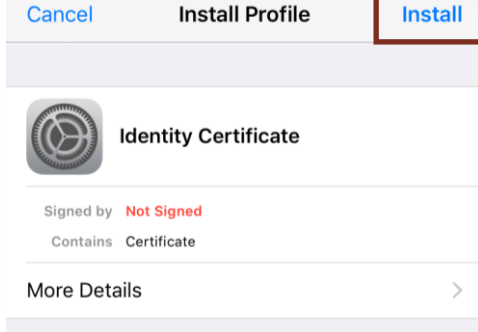
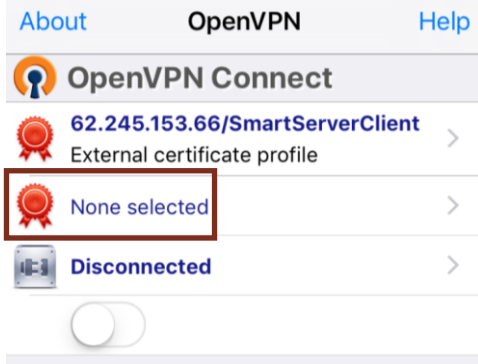
OpenVPN Connect

Download the “OpenVPN Connect” app and install it.

2.2 Setting up a connection

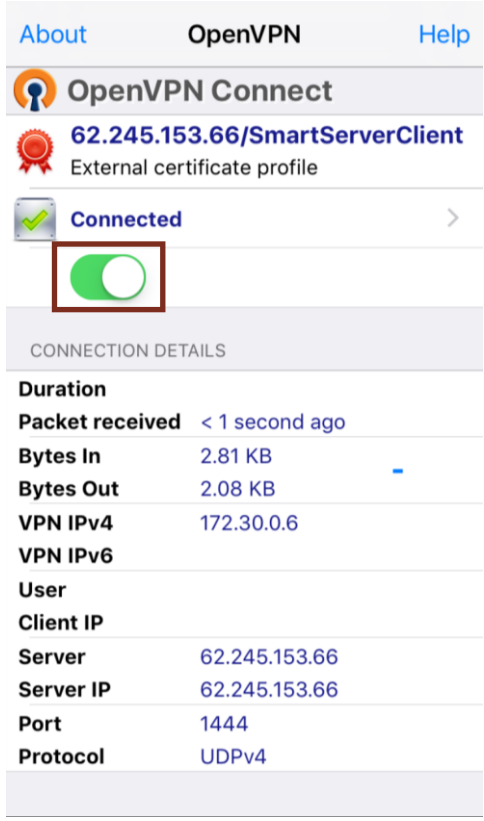
Configuring OpenVPN Connect

Table 2-1

Step	Screen
Download the zip file "OpenVPNConfigIOS.zip" and unzip it.	
Transfer the two contained files to your mobile device.	
Select the ".ovpn" file and then select "Copy to OpenVPN". Click the green plus icon to add the connection with the app.	
Open the "*.p12" file and install the certificate. The password for the certificate is: SmartServer1!	
Open the OpenVPN Connect app and select the installed certificate in "Certificate".	

2 Configuration

2.2 Setting up a connection

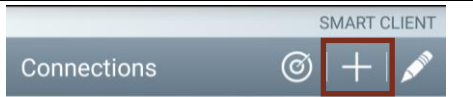
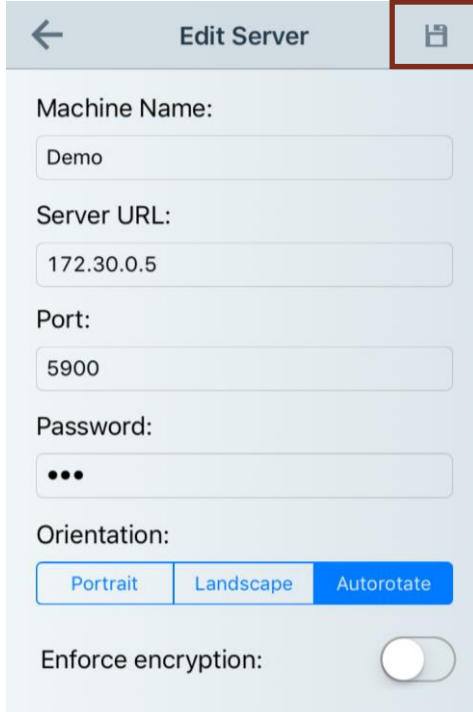
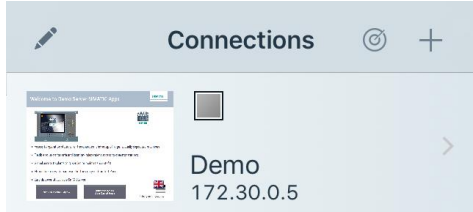
Step	Screen																										
Establish the connection via the button.	 <p>The screenshot shows the OpenVPN Connect application interface. At the top, there are navigation links for 'About', 'OpenVPN', and 'Help'. Below this, the main title is 'OpenVPN Connect'. A red award icon is next to the server name '62.245.153.66/SmartServerClient' and the text 'External certificate profile'. A green checkmark icon and the word 'Connected' are displayed, indicating a successful connection. A green toggle switch is turned on, and it is highlighted with a red rectangular box. Below this, there is a section titled 'CONNECTION DETAILS' which lists various connection parameters:</p> <table border="1"><thead><tr><th colspan="2">CONNECTION DETAILS</th></tr></thead><tbody><tr><td>Duration</td><td></td></tr><tr><td>Packet received</td><td>< 1 second ago</td></tr><tr><td>Bytes In</td><td>2.81 KB</td></tr><tr><td>Bytes Out</td><td>2.08 KB</td></tr><tr><td>VPN IPv4</td><td>172.30.0.6</td></tr><tr><td>VPN IPv6</td><td></td></tr><tr><td>User</td><td></td></tr><tr><td>Client IP</td><td></td></tr><tr><td>Server</td><td>62.245.153.66</td></tr><tr><td>Server IP</td><td>62.245.153.66</td></tr><tr><td>Port</td><td>1444</td></tr><tr><td>Protocol</td><td>UDPv4</td></tr></tbody></table>	CONNECTION DETAILS		Duration		Packet received	< 1 second ago	Bytes In	2.81 KB	Bytes Out	2.08 KB	VPN IPv4	172.30.0.6	VPN IPv6		User		Client IP		Server	62.245.153.66	Server IP	62.245.153.66	Port	1444	Protocol	UDPv4
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2 Configuration

2.2 Setting up a connection

Configuring the Sm@rtClient app

Table 2-2

Step	Screen
<p>Start the Sm@rtClient app.</p> <p>Add a new connection.</p>	
<p>Enter the connection parameters and select "Save".</p> <p>Server URL: 172.30.0.5 Port: 5900 Password: demo</p> <p>When you save the password with the connection settings, a message will be displayed. In this case, confirm the message with "Yes". Save the password for other HMI devices only if you can ensure that no one except you has access to the mobile device.</p>	
<p>Click on the connection you have just created to connect the device to the Sm@rtServer.</p>	

3 Links & Literature

Table 3-1

	Topic
\1\	Siemens Industry Online Support https://support.industry.siemens.com
\2\	Download page of the entry https://support.industry.siemens.com/cs/ww/en/view/92190359
\3\	Overview of SIMATIC apps https://support.industry.siemens.com/cs/ww/en/view/84133612
\4\	Installation and management of secure remote networks with SINEMA Remote Connect (video) https://support.industry.siemens.com/cs/ww/en/view/109736188
\5\	SIMATIC WinCC Sm@rtClient app for Android (Google Play) https://play.google.com/store/apps/details?id=com.siemens.smartclient
\6\	SIMATIC WinCC Sm@rtClient Lite app for Android (Google Play) https://play.google.com/store/apps/details?id=com.siemens.smartclient_lite
\7\	SIMATIC WinCC Sm@rtClient app for iOS (Apple App Store) https://itunes.apple.com/de/app/simatic-wincc-sm-rtclient/id874209707
\8\	SIMATIC WinCC Sm@rtClient Lite app for iOS (Apple App Store) https://itunes.apple.com/de/app/simatic-wincc-sm-rtclient/id871870286
\9\	Setting up a secure VPN connection between a smartphone (Android), SCALANCE S615 and SINEMA Remote Connect Server https://support.industry.siemens.com/cs/ww/en/view/109479641
\10\	Setting up a secure VPN connection between a tablet (iOS), SCALANCE S615 and SINEMA Remote Connect Server https://support.industry.siemens.com/cs/ww/en/view/109479578

4 History

Table 4-1

Version	Date	Modifications
V1.0	05/2014	First version
V1.1	06/2015	Update (WinCC V13 SP1, new connection data)
V2.0	11/2016	Update (SINEMA Remote Connect)