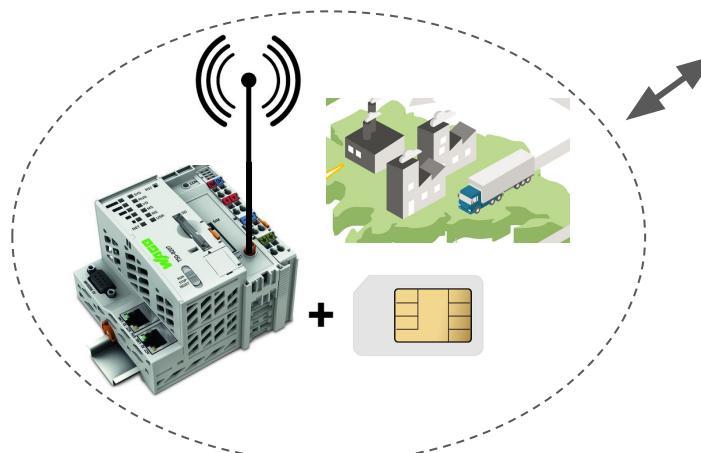
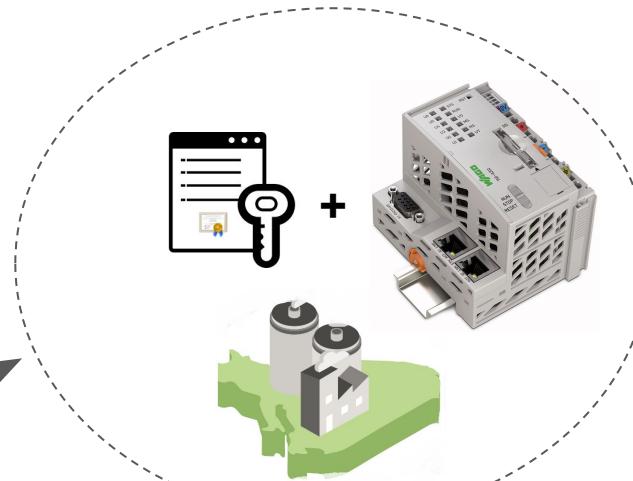
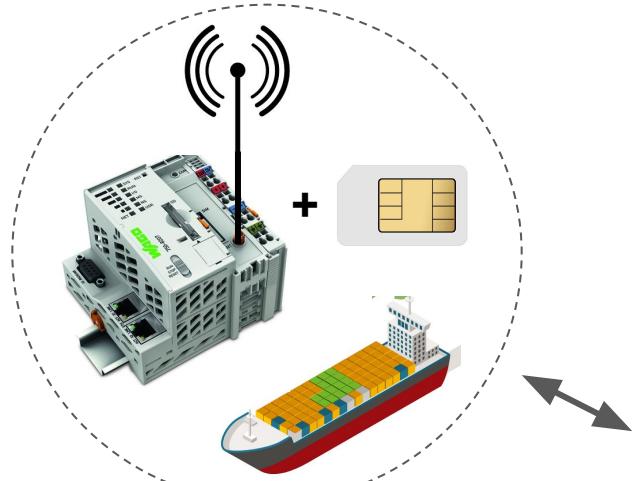


OpenVPN

AddSecure SIM + Wago Automation

By Torgeir Sundet / Wago Norge
November 2017

OpenVPN Secure Communication



AddSecure Link Manager & Wago Web-Based-Management

Order connections - Link Manager X Untitled presentation - Google Slides X +

<https://connect.addsecure.com/Cloud/CreateSubscription?customerId=10078>

LINK Home Networks Connections Administration Order history Invoice torgeir.sundet@wago.com

Order connections

Operator * Tele2

Number of SIM 10

Company * Wago Norge AS

Name * Torgeir Sundet

Street * Jerikoveien 20

Zip code * 1067

City * Oslo

Country Norge

Delivery reference Application 1

Invoice reference Application 1

I have read and agree to the AddSecure [terms and conditions](#).

[Order](#)

SIM card: Tele 2

Connectivity is based on Tele2 with three different Communication Plans:

- European Union and ESS countries with data bundles up to 500 MB
- Tele2 networks in eight different countries with data bundles up to 1GB
- Tele2 network in Sweden with data bundles up to 100 GB

ADDSECURE

LINK Home Networks Connections Administration Order history Invoice

Create access

Email	torgeir.sundet+vpn-103@gmail.com
Name	WagoNorge-VPN-Client-PC-103
Description	WagoNorge-VPN-Client-PC-103
Platform	Windows
	Create Cancel

LINK Home Networks Connections Administration Order history Invoice

Create access

Email	torgeir.sundet+vpn-102@gmail.com
Name	WagoNorge-VPN-Client-PFCx00-102
Description	WagoNorge-VPN-Client-PFCx00-102
Platform	Linux
	Create Cancel

LINK Home Networks Connections Administration Order history Invoice

VPN user accesses

WagoNorge-VPN-2

Add user			
Name	Email	Ipv4 address	Description
WagoNorge-VPN-Client-PC-100	torgeir.sundet+vpn-100@gmail.com	100.127.136.6	WagoNorge-VPN-Client-PC-100
WagoNorge-VPN-Client-PC-103	torgeir.sundet+vpn-103@gmail.com	100.127.136.30	WagoNorge-VPN-Client-PC-103
WagoNorge-VPN-Client-PFCx00-101	torgeir.sundet+vpn-101@gmail.com	100.127.136.22	WagoNorge-VPN-Client-PFCx00-101
WagoNorge-VPN-Client-PFCx00-102	torgeir.sundet+vpn-102@gmail.com	100.127.136.26	WagoNorge-VPN-Client-PFCx00-102

Connections

Edit selected Order connections

Name	ICCID	Msisdn
PFC8207-2	89462046057000208902	372834056
PFC8207-1	89462046057000208910	372834056
<input checked="" type="checkbox"/> PFC8207-3	89462046057000208894	372834056

Edit connections

ICCID 89462046057000208894 Replace SIM

Status Active

Name PFC8207-3

Description PFC8207-3

Network name WagoNorge-VPN-2

VPN system access WagoNorge-VPN-1
WagoNorge-VPN-2 (highlighted)

Communication plan Tele 2 Roaming (EU+3)

Rate plan Roaming EU+3 M2M, 100 MB

Warning limit 80 %

I have read and agree to the AddSecure [terms and conditions](#).

Deactivate **Save** Cancel

Communication plan: EU+3
A European communication plan that uses all available mobile networks. Communication service used to connect Internet of things.

Network	2G/3G /4G
Roaming	Yes
Fallback	Yes
SIM-card	AddSecure 01
Data bundles	3 – 500 MB
Zone	European Union and ESS countries *
Preferred network	Best quality
Pricing model	Pay as you use

ADD SECURE

Innboek - torgeir.sundet@gmail.com X Google Contacts X Addsecure_VPN SIM - Google Slides X UserAccesses - Link Manager X WAGO Ethernet Web-based Management X +

100.84.112.1/wbm/index.php#modem

WAGO 750-8207 PFC200 CS 2ETH RS 3G

Username: admin Logout

WAGO® Web-based Management

Configuration of internal 3G Modem

Changes will take effect immediately.

SIM Authentication

State: Ready

Mobile Network Configuration

State: Registered
Signal Quality (%): 64
Operator: N Telenor Tele2 IoT | UMTS
Selection Mode: Automatic - UMTS preferred (selected)
Automatic - GSM preferred
Automatic - UMTS only
Automatic - GSM only
Manual

Submit

Provider List

Unknown Refresh

Network Package Service

State: Registered
APN: mobiflex.tele2.m2m
User:
Password:
Authentication Type: None (selected)
PAP
CHAP
PAP or CHAP

Submit

Upload and activate new Modem Software

Currently used: UC20EQBR03A08E1G
New Software: Browse Start Upload

Status

WBM Local Time 17:27 Local Date 24.11.2017 PLC Switch RUN

LEDs	S5	SYS
S4	●	RUN
S3	●	IO
S2	○	MS
S1	●	NS
NET	●	USR

Navigation

- Information
- PLC Runtime
- Networking
- Firewall
- Clock
- Administration
- Package Server
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- Ports and Services
- SNMP
- Diagnostic
- Modem (selected)
- OpenVPN / IPsec
- Security
- Legal Information

UserAccesses - Link Manager Connections - Link Manager Untitled presentation - Google Slides WAGO Ethernet Web-based Management

https://connect.addsecure.com/Customer/ConnectionList

LINK Home Networks Connections Administration Order history Invoice torgeir.sundet@wago.com

Connections

Edit selected Order connections

Name	Iccid	Msisdn
PFC8207-2	89462046057000208902	37283405627
PFC8207-1	89462046057000208910	37283405627
<input checked="" type="checkbox"/> PFC8207-3	89462046057000208894	37283405627

Connection details

Name PFC8207-3
Description PFC8207-3
Iccid 89462046057000208894
Msisdn 37283405627
Network name WagoNorge-VPN-2
Changed 2017-11-24 00:01:58
Start date 2017-11-23 18:29:26
User identity
Warning limit 80%
Ipv4 address 100.84.112.1
APN mobilflex.tele2.m2m
Status Active
Operator Tele2
Rate plan Roaming EU+3 M2M, 100 MB
Used data 2,05 MB
Status message Active

Ping Average response time: 593,5 ms

Ping Edit Close

ADD SECURE

OpenVPN Client on PC

UserAccesses - Link Manager Connections - Link Manager Addsecure_VPNSIM - Google Slides WAGO Ethernet Web-based Management Community Downloads

https://openvpn.net/index.php/download/community-downloads.html

Search

Sign in

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OPENVPN®

Home VPN Service VPN Solution

Access Server Downloads Community Downloads

Community Downloads

OpenVPN 2.4.4 -- released

This release includes a large number of fixes and improvements. Many bugs that may still be using key-methods have been fixed. Some bugs that are affected in practice. In addition, NSIS installer code execution and some other bugs have been fixed. Windows 7 might not benefit from this release as it does not support the writeable location before running the installer.

Windows installer I601 includes updated registry entries that are now longer added to system PATH. While this is not a problem for most users, if you are migrating an old easy-rsa Configuration, you will need to update the registry manually.

Compared to OpenVPN 2.3 this is a major release. New features include: AEAD (GCM) cipher support, improved connection migration, and increased users' connection privacy.

A summary of the changes is available in the [changelog](#).

OpenVPN GUI bundled with the Windows installer has been updated to OpenVPN 2.4. One of major features is the new OpenVPN GUI interface, which is available in the [changelog](#). The new OpenVPN GUI interface is much more user-friendly and intuitive.

Please note that OpenVPN 2.4 is not yet fully tested and may contain bugs. If you find a bug in this release, please report it to us. You can do this first, either using the [openvpn-devel mailing list](#), or by taking a look at our official [document](#) on the OpenVPN website (irc.freenode.net).

Source Tarball (gzip)

Source Tarball (xz)

Source Zip

Installer, Windows Vista and later

openvpn-2.4.4.tar.gz

openvpn-2.4.4.tar.xz

openvpn-2.4.4.zip

openvpn-install-2.4.4-I601.exe

GnuPG Signature

GnuPG Signature

GnuPG Signature

GnuPG Signature

NOTE: the GPG key used to sign the release files has been changed since OpenVPN 2.4.0. Instructions for verifying the signatures can be found in the [changelog](#).

Organize Open Share with New folder

WagoTorgeir Downloads

Opening openvpn-install-2.4.4-I601.exe

You have chosen to open:

openvpn-install-2.4.4-I601.exe

which is: Binary File (3.3 MB)

from: https://swupdate.openvpn.org

Would you like to save this file?

Save File Cancel

openvpn-install-2.4.4-I601.exe

Run as administrator

Open

Edit with AHD hex Editor NEO

Troubleshoot compatibility

7-Zip

CRC SHA

Edit with Notepad++

Your Link Access certificate

Innboks



noreply@link.addsecure.com

til meg



engelsk

> norsk

Oversett e-posten

Here is the Link Access certificate for this network: WagoNorge-VPN-2 (as-w591.cloud.iot.addsecure.se).

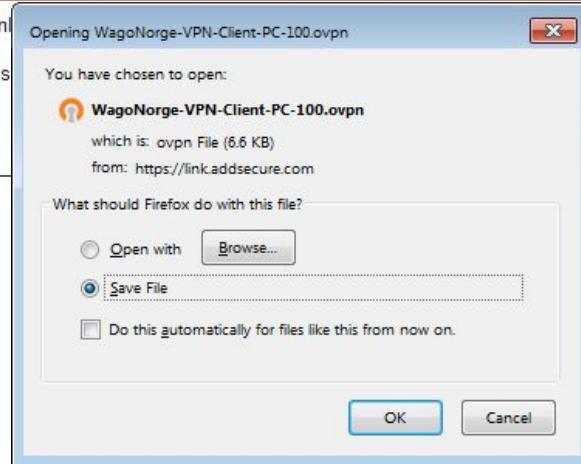
Open this email on the device where you want to install the certificate, and then click this link to download the certificate file:

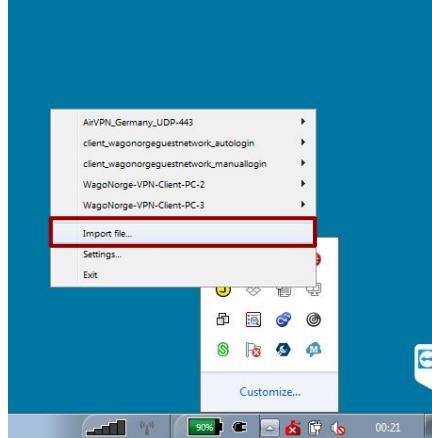
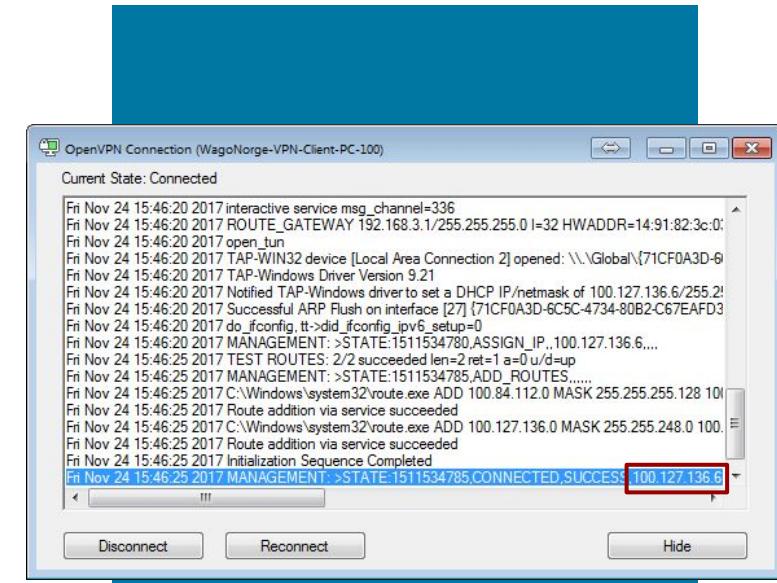
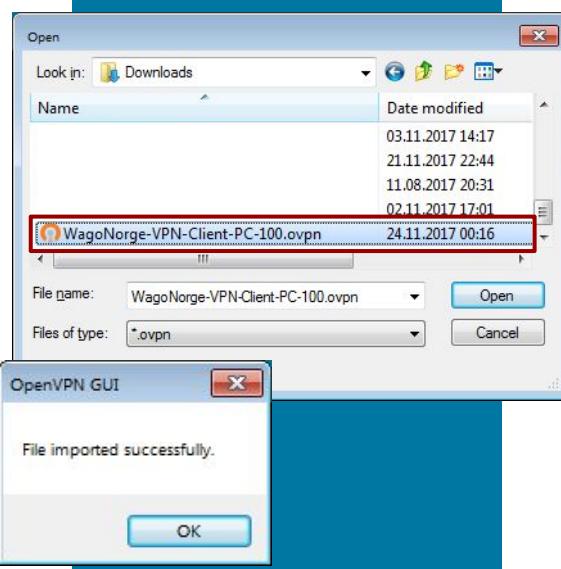
<https://link.addsecure.com/Cloud/GetRemoteAccessConfigFile?code=da0bd613-7960-4d79-b55f-313c94b55c24>

Important: You can download this file on

To install the certificate and gain access

Best regards,
AddSecure





UserAccesses - Link Manager Connections - Link Manager Untitled presentation - Google Slides WAGO Ethernet Web-based Management

https://100.84.112.1/wbm/index.php#information

Search

WAGO® **Web-based Management**

WAGO 750-8207 PFC200 CS 2ETH RS 3G

[Login](#)

Navigation

- Information
- PLC Runtime
- Networking
- Firewall
- Clock
- Administration
- Package Server
- Mass Storage
- Software Uploads
- Ports and Services
- SNMP
- Diagnostic
- Modem
- OpenVPN / IPsec
- Security
- Legal Information

Status Information

Controller Details

Product Description: WAGO 750-8207 PFC200 CS 2ETH RS 3G
Order Number: 750-8207
License Information: Codesys-Runtime-License
Firmware Revision: 02.07.07(10)

Network Details X1

State: enabled
MAC Address: 00:30:de:40:ef:04
IP Address: 192.168.1.120 (static)
Subnet Mask: 255.255.255.0

Network Details X2

State: enabled, waiting for IP address by DHCP
MAC Address: 00:30:de:40:ef:04
IP Address: (dhcp)
Subnet Mask:

Status

WBM

Local Time	00:56
Local Date	24.11.2017
PLC Switch	RUN

LEDs

S5		SYS
S4		RUN
S3		IO
S2		MS
S1		NS
NET		USR

WAGO • Hansastr. 27 • D-32423 Minden

OpenVPN Client on
750-810x/8202/3/4/6/8

Innholds - torgeir.sundet@gmail.com X Google Contacts X Addsecure_VPNsim - Google Slides X UserAccesses - Link Manager X WAGO Ethernet Web-based Management X WAGO Ethernet Web-based Management X +

LINK Home Networks Connections Administration Order history Invoice torgeir.sundet@wago.com ▾

VPN user accesses

WagoNorge-VPN-2

Add user

Name	Email
WagoNorge-VPN-Client-PC-100	torgeir.sundet@gmail.com
WagoNorge-VPN-Client-PC-103	torgeir.sundet@gmail.com
WagoNorge-VPN-Client-PFCx00-101	torgeir.sundet@gmail.com
WagoNorge-VPN-Client-PFCx00-102	torgeir.sundet@gmail.com

WagoNorge-VPN-Client-PFCx00-101

Name: WagoNorge-VPN-Client-PFCx00-101
Email: torgeir.sundet+vpn-101@gmail.com
Ipv4 address: 100.127.136.22
Description: WagoNorge-VPN-Client-PFCx00-101
Changed: 2017-11-24T01:35:23.035+01:00
User identity: torgeir.sundet@wago.com
Target platform: Generic_Linux

Send (button highlighted with red box) Revoke Edit Close

Description

WagoNorge-VPN-Client-PC-100
WagoNorge-VPN-Client-PC-103
WagoNorge-VPN-Client-PFCx00-101
WagoNorge-VPN-Client-PFCx00-102

ADD SECURE

Your Link Access certificate - torg... X mail.google.com/_scs/mail-static/j... X Google Contacts X Addsecure_VPN SIM - Google Slides X UserAccesses - Link Manager X WAGO Ethernet Web-based Management X WAGO Ethernet Web-based Management X +

192.168.3.117/wbm/index.php#vpn

WAGO Web-based Management

WAGO 750-8202 PFC200 CS 2ETH RS

Username: admin Logout

Navigation

- Information
- PLC Runtime
- Networking
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- Administration
- Package Server
- Mass Storage
- Software Uploads
- Ports and Services
- SNMP
- Diagnostic
- OpenVPN / IPsec**
- Security
- Legal Information

Configuration of OpenVPN and IPsec
Changes will take effect after the next controller reboot.

OpenVPN
Current State: **stopped**

OpenVPN enabled: Submit
openvpn.conf: [WagoNorge-VPN-Client-PFCx00-101.conf](#) Browse Start Upload Start Download

IPsec
Current State: **stopped**

IPsec enabled: Submit
ipsec.conf: Browse Start Upload Start Download
ipsec.secrets: Browse Start Upload

Certificate Upload
New Certificate: Browse Start Upload
New Private Key: Browse Start Upload

Certificate List
No certificates existing.

Private Key List
No keys existing.

Status

WBM																			
Local Time	17:34																		
Local Date	24.11.2017																		
PLC Switch	RUN																		
LEDs	<table border="1"> <tr><td>U6</td><td></td><td>SYS</td></tr> <tr><td>US</td><td></td><td>RUN</td></tr> <tr><td>U4</td><td></td><td>IO</td></tr> <tr><td>U3</td><td></td><td>MS</td></tr> <tr><td>U2</td><td></td><td>NS</td></tr> <tr><td>U1</td><td></td><td>U7</td></tr> </table>	U6		SYS	US		RUN	U4		IO	U3		MS	U2		NS	U1		U7
U6		SYS																	
US		RUN																	
U4		IO																	
U3		MS																	
U2		NS																	
U1		U7																	

Your Link Access certificate innboks til meg engelsk > norsk Oversett e-posten

Here is the Link Access certificate for this network: WagoNorge-VPN-2 (as-w591.cloud.iot.addsecure.se).

Open this email on the device where you want to install the certificate, and then click this link to download the certificate file:

<https://link.addsecure.com/Cloud/GetRemoteAccessConfigFile?code=d74e68e1-b378-41bb-9402-03971d9feB2>

Important: You can download
To install the certificate and g
Best regards,
AddSecure

Opening WagoNorge-VPN-Client-PFCx00-101.conf
You have chosen to open:
 WagoNorge-VPN-Client-PFCx00-101.conf which is: conf file (6.6 KB) from: https://link.addsecure.com
What should Firefox do with this file?
 Open with [Browse...](#)
 Save File
 Do this automatically for files like this from now on.

File Upload
WagoTorgeir > Downloads >
Organize New folder
Name Date modified Type Size
03.11.2017 14:17 File folder
21.11.2017 22:44 File folder
11.08.2017 20:31 File folder
02.11.2017 17:01 File folder
13.09.2017 11:33 Configuration sett... 1 KB
08.06.2017 14:35 IMG File 199 680 KB
13.08.2017 13:01 IMG File 199 680 KB
11.08.2017 01:36 Compressed (zipp... 261 967 KB
29.09.2017 09:05 cr document 1 KB
 WagoNorge-VPN-Client-PFCx00-101.conf 24.11.2017 17:31 CONF File 7 KB
 WagoNorge-VPN-Client-sys-A.ovpn 24.11.2017 01:10 OpenVPN Config ... 7 KB

File Type: OpenVPN Config File FCx00-101.conf All Files (*.*) Open Cancel

Your Link Access certificate - torger... X mail.google.com/_scs/mail-static/_j... X Google Contacts X Addsecure_VPNsim - Google Slides X UserAccesses - Link Manager X WAGO Ethernet Web-based Management X WAGO Ethernet Web-based Management X +

192.168.3.117/wbm/index.php#start_reboot

Username: admin Logout

Search

WAGO® Web-based Management

WAGO 750-8202 PFC200 CS 2ETH RS

Navigation

- Information
- PLC Runtime
- Networking
- Firewall
- Clock
- Administration**
 - Users
 - Create Image
 - Serial Interface
 - Service Interface
- Reboot**
- Package Server
- Mass Storage
- Software Uploads
- Ports and Services
- SNMP
- Diagnostic
- OpenVPN / IPsec
- Security
- Legal Information

Reboot Controller

Note: after reboot, the device will be unavailable for a few minutes.

Reboot Controller

Reboot

Really want to reboot controller?

OK Cancel

Status

WBM	□																		
Local Time	17:38																		
Local Date	24.11.2017																		
PLC Switch	RUN																		
LEDs	<table border="1"><tr><td>U6</td><td>●</td><td>SYS</td></tr><tr><td>U5</td><td>●</td><td>RUN</td></tr><tr><td>U4</td><td>●</td><td>IO</td></tr><tr><td>U3</td><td>○</td><td>MS</td></tr><tr><td>U2</td><td>○</td><td>NS</td></tr><tr><td>U1</td><td>○</td><td>U7</td></tr></table>	U6	●	SYS	U5	●	RUN	U4	●	IO	U3	○	MS	U2	○	NS	U1	○	U7
U6	●	SYS																	
U5	●	RUN																	
U4	●	IO																	
U3	○	MS																	
U2	○	NS																	
U1	○	U7																	

Your Link Access certificate - torger... X mail.google.com/_scs/mail-static/_j... X Google Contacts X Addsecure_VPNsim - Google Slides X UserAccesses - Link Manager X WAGO Ethernet Web-based Management X WAGO Ethernet Web-based Management X +

192.168.3.117/wbm/index.php#vpn

WAGO® Web-based Management

WAGO 750-8202 PFC200 CS 2ETH RS

Username: admin [Logout](#)

Search

Configuration of OpenVPN and IPsec

Changes will take effect after the next controller reboot.

OpenVPN

Current State: running

OpenVPN enabled:

openvpn.conf:

IPsec

Current State: stopped

IPsec enabled:

ipsec.conf:

ipsec.secrets:

Certificate Upload

New Certificate:

New Private Key:

Certificate List

No certificates existing.

Private Key List

No keys existing.

Status

WBM

Local Time 17:41
Local Date 24.11.2017

PLC Switch RUN

LEDs

U6	<input checked="" type="radio"/> SYS
U5	<input type="radio"/> RUN
U4	<input type="radio"/> IO
U3	<input type="radio"/> MS
U2	<input type="radio"/> NS
U1	<input type="radio"/> U7

OpenVPN Client on Office/Plant Router (optional)

The screenshot displays two windows from the Addsecure Cloud interface.

Top Window: SystemAccesses - Link Manager

This window shows a list of system accesses under the heading "VPN system accesses". A specific entry, "WagoNorge-VPN-2", is selected. The "Add system" button is highlighted with a red box.

Name	Description	Ipv4 address	Network routes
WagoNorge-VPN-Client-Sys-A	WagoNorge-VPN-Client-Sys-A	100.127.136.18	

Bottom Window: Edit access - Link Manager

This window shows the configuration details for the selected system access:

- Email: torgeir.sundet+vpn-sys-a@gmail.com
- Name: WagoNorge-VPN-Client-Sys-A
- Description: WagoNorge-VPN-Client-Sys-A
- Routed Networks: 192.168.3.0/24 (highlighted with a red box)
- Platform: Windows

Buttons at the bottom include "Save" and "Cancel".

Innboks - torgeir.sundet@gmail.com X Google Contacts X Addsecure_VPNSIM - Google Slides X SystemAccesses - Link Manager X WAGO Ethernet Web-based Management X +

LINK Home Networks Connections Administration Order history Invoice torgeir.sundet@wago.com

VPN system accesses

WagoNorge-VPN-Client-Sys-A

Name: WagoNorge-VPN-Client-Sys-A
Email: torgeir.sundet+vpn-sys-a@gmail.com
IPv4 address: 100.127.136.18
Description: WagoNorge-VPN-Client-Sys-A

Network routes

Changed: 2017-11-24T01:08:00.936+01:00
User identity: torgeir.sundet@wago.com
Target platform: Generic_Windows

Add system

Name: WagoNorge-VPN-Client-Sys-A

Download Send Revoke Edit Close

Network routes

ADD SECURE

The screenshot shows a web-based management interface for WAGO Ethernet. A modal dialog box is open, displaying details about a VPN system access entry named "WagoNorge-VPN-Client-Sys-A". The modal includes fields for Name, Email, IPv4 address, Description, Network routes, and User identity. At the bottom of the modal are four buttons: "Download" (highlighted with a red box), "Send", "Revoke", and "Edit". To the right of the modal is a "Network routes" section. The background shows a list of systems under "VPN system accesses" and a header with various tabs like Home, Networks, and Administration.

Office/Plant Router

ASUS RT-AC66U

Logout Reboot English

Operation Mode: Wireless router Firmware Version: 3.0.0.4.380.7378
SSID: ASUS_Wago_Guest... ASUS_Wago_Guest...

VPN Server **VPN Client**

VPN - VPN Client

VPN (Virtual Private Network) clients are often used to connect to a VPN server to access private resources securely over a public network.

Some devices like set-top boxes, smart TVs and Blu-ray players do not support VPN software.

PPTP L2TP OpenVPN

Description: WagoNorge-VPN-Client-Sys-A

Username (option):

Password (option):

Import .ovpn file:

Import the CA file or edit the .ovpn file manually.

Cancel

File Upload

WagoTorgeir > Downloads >

Organize New folder

Name	Date modified	Type	Size
Configuration sett...	24.11.2017 01:10	IMG File	199 680 KB
IMG File	24.11.2017 01:10	IMG File	199 680 KB
Compressed (zipp...	24.11.2017 01:10	Compressed (zipp...	261 967 KB
document	24.11.2017 01:10	OpenVPN Config ...	1 KB
WagoNorge-VPN-Client-Sys-A.ovpn	24.11.2017 01:10	OpenVPN Config ...	7 KB

File name: WagoNorge-VPN-Client-Sys-A.ovpn

Type: OpenVPN Config File
Size: 6,68 KB
Date modified: 24.11.2017 01:10

All Files (*.*) Open

Help & Support Manual | Utility | F

Innholds - torgir.sundet@gmail.com X Connections - Link Manager X SystemAccesses - Link Manager X ASUS Wireless Router RT-AC68U - VP X Addsecure_VPNSIM - Google Slides X WAGO Ethernet Web-based Management X +

192.168.3.1/Advanced_VPNClient_Content.asp

Logout Reboot English

Operation Mode: **Wireless router** Firmware Version: **3.0.0.4.380-7378**
SSID: **ASUS_Wago_Guest...** **ASUS_Wago_Guest...**

App User Print

VPN Server VPN Client

VPN - VPN Client

VPN (Virtual Private Network) clients are often used to connect to a VPN server to access private resources securely over a public network.
Some devices like set-top boxes, smart TVs and Blu-ray players do not support VPN software.
The ASUSWRT VPN feature provides VPN access to all devices in a home network without having to install VPN software on each device.

To start a VPN connection, please follow the steps below:

1. Add profile
2. Select a VPN connection type
3. Enter VPN authentication information provided by your VPN provider then connect.

VPN Server List

Connection Status	Description	VPN type	Edit	Delete	Connection
<input checked="" type="checkbox"/>	WagoNorge-VPN-Client-Sys-A	OpenVPN			Deactivate

Add profile

Office/Plant Router

Help & Support Manual | Utility | Product Registration FAQ

Search

Logout Reboot English

Operation Mode: **Wireless router** Firmware Version: **3.0.0.4.380-7378**
SSID: **ASUS_Wago_Guest...** **ASUS_Wago_Guest...**

App User Print

VPN Server VPN Client

VPN - VPN Client

VPN (Virtual Private Network) clients are often used to connect to a VPN server to access private resources securely over a public network.
Some devices like set-top boxes, smart TVs and Blu-ray players do not support VPN software.
The ASUSWRT VPN feature provides VPN access to all devices in a home network without having to install VPN software on each device.

To start a VPN connection, please follow the steps below:

1. Add profile
2. Select a VPN connection type
3. Enter VPN authentication information provided by your VPN provider then connect.

VPN Server List

Connection Status	Description	VPN type	Edit	Delete	Connection
<input checked="" type="checkbox"/>	WagoNorge-VPN-Client-Sys-A	OpenVPN			Deactivate

Add profile

Office/Plant Router

Help & Support Manual | Utility | Product Registration FAQ

Search

Google Contacts

Addsecure_VPN SIM - Google Slides

UserAccesses - Link Manager

WAGO Ethernet Web-based Management

100.84.112.1/bm/index.php#information

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WAGO® Web-based Management

WAGO 750-8207 PFC200 CS 2ETH RS 3G

Login

Navigation

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Status Information

Controller Details

Product Description: WAGO 750-8207 PFC200 CS 2ETH RS 3G
 Order Number: 750-8207
 License Information: Codesys-Runtime-License
 Firmware Revision: 02.07.07(10)

Status

WBM

Local Time	17:11
Local Date	24.11.2017
PLC Switch	RUN

LEDs

S5	SYS
S4	RUN
S3	IO
S2	MS
S1	NS
NET	USR

Network Details X1

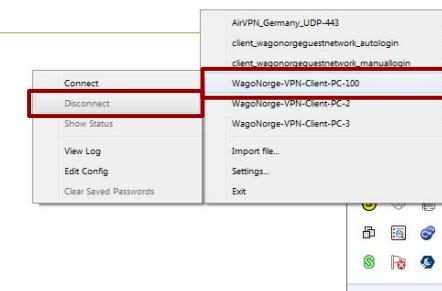
State: ✓ enabled
 MAC Address: 00:30:de:40:ef:04
 IP Address: 192.168.1.120 (static)
 Subnet Mask: 255.255.255.0

Network Details X2

State: ✓ enabled, waiting for IP address by DHCP
 MAC Address: 00:30:de:40:ef:04
 IP Address: (dhcp)
 Subnet Mask:

```
Administrator:~ C:\Windows\system32\cmd.exe
Ethernet adapter Local Area Connection 3:

Connection-specific DNS Suffix . :
Description . . . . . : Linksys USB3GIGV1
Physical Address . . . . . : 14-91-B2-3C-03-2A
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::e4ba:9162:2852:efc7%3(PREFERRED)
IPv4 Address . . . . . : 192.168.3.239(PREFERRED)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : 23. november 2017 08:59:10
Lease Expires . . . . . : 25. november 2017 07:57:59
Default Gateway . . . . . : 192.168.3.1
DHCP Server . . . . . : 192.168.3.1
DHCPv6 IID . . . . . : 1528074626
DHCPv6 Client DUID. . . . . : 00-01-00-01-1D-80-DF-DF-50-7B-9D-22-51-4A
DNS Servers . . . . . : 192.168.3.1
NetBIOS over Tcpip. . . . . : Enabled
```



PLC Application Communicating via OpenVPN-IP

FILE START VIEW NETWORK FUNCTIONS TEST FUNCTIONS I/O-CHECK

eIC_OpenVPN_Test_1.ecp - eCOCKPIT

WAGO

Devices/program structure Product Catalog Messages Settings TCP/IP Port forwarding I/O mapping Cross reference list Network/Devices Programming Workspaces Breakpoints Call stack Monitoring + Tabbed Tile horizontally Window Workspaces

Device structure

Network/Devices

Network

140 %

IP Address: 100.127.136.22
COM-Port: COM1
Settings

..._Client_PFCx00_101 WAGO 0750-8202

100.127.136.22

PFC8207_3 WAGO 0750-8207

100.84.112.1

Product Catalog Settings

Messages

Connection Last build: 5:59:10 PM Version: 13.1

The screenshot shows the eCOCKPIT software interface. The top navigation bar includes FILE, START, VIEW, NETWORK FUNCTIONS, TEST FUNCTIONS, and I/O-CHECK tabs. Below the tabs are various icons for device management, networking, and monitoring. The main workspace displays a 'Device structure' tree on the left, showing 'Controllers' like 'PFC8207_3' and 'WagoNorge_VPN_Client_PFCx00_101'. The central area is a 'Network/Devices' editor with a network diagram. Two nodes are present: '..._Client_PFCx00_101' (WAGO 0750-8202) and 'PFC8207_3' (WAGO 0750-8207). The IP address of the top node ('100.127.136.22') is highlighted with a red box. The bottom node's IP address ('100.84.112.1') is also highlighted with a red box. To the right, there are 'Settings' panels for each node, showing IP addresses and COM ports. A 'Product Catalog' and 'Messages' panel are also visible at the bottom.

NetVarUdp Communication

The screenshot shows the eCOCKPIT software interface with the following details:

- Top Bar:** FILE, START, VIEW, PROGRAM, DEBUG.
- Left Sidebar:** Devices/program structure, Product Catalog, Messages, Settings, Port forwarding, I/O mapping, Cross reference list, Call stack, Breakpoints, Network/Devices, Tabbed, Workspaces, Programming, Monitoring, Tile horizontally, Tile vertically, Window.
- Program Structure:** Shows the project hierarchy under Applications, including Application (PFC8207_3) and Application (WagoNorge_VPN_Client_PFCx00_101).
- PLC_PRG X - WagoNorge_VPN_Client_PFCx00_101.Application.PLC_PRG:**

Expression	Type	Value	Prepared value	Address	Comment
1 NVL_From_PFC8207_3.wNetVar1[3447];					
2 NVL_From_WagoNorge_VPN_Client_PFCx00_101.wNetVar1[8881] := NVL_From_WagoNorge_VPN_Client_PFCx00_101.wNetVar1[8881] + 1;					
3 RETURN					
- PLC_PRG X - PFCB207_3.Application.PLC_PRG:**

Expression	Type	Value	Prepared value	Address	Comment
1 NVL_From_PFCB207_3.wNetVar1[3443] := NVL_From_PFCB207_3.wNetVar1[3443] + 1;					
2 NVL_From_WagoNorge_VPN_Client_PFCx00_101.wNetVar1[8869] := NVL_From_WagoNorge_VPN_Client_PFCx00_101.wNetVar1[8869] + 1;					
3 RETURN					
- Bottom Status Bar:** Messages X, Last build: -, Version: 13.1