

 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 1 / 27</p>
Product-specific Instruction		Vertraulich /confidential

Table of contents

1	Purpose	2
2	Scope	2
3	Glossary	2
4	Installation	2
4.1	4-Eye-Activation	3
4.2	Startup.....	7
4.2.1	Startup via OPP.....	7
4.2.2	Startup via TS3.....	13
4.2.3	Startup with Modem via TS3	17
4.2.4	Startup via ZVT	20
4.2.5	Startup via MDB	22
4.2.6	Startup via O.P.I.	22
5	Standalone operation	23
5.1	Standalone configuration via TS3	23
5.2	Standalone adapter	24
5.3	Reconciliation	24
6	Logfile	24
7	Documents	25
8	FAQ	26
9	Changelog	27

 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	PA72P003 Ausgabe / Rev.: 04 Seite / page 2 / 27
Product-specific Instruction		Vertraulich /confidential

1 Purpose

Instruction to setup an OPP/OPM in combination with SCR-C and/or COR.

2 Scope

CCV Group, Integrators.

3 Glossary

- OPP: Outdoor PIN-Pad
- OPM: Outdoor Payment Module
- OPx: OPP/OPM
- SCR-C: Secure Cardreader
- COR-A10, COR-A20, COR-B20: Contactless Only Reader
- TS3: Terminal Supervisor 3, Software to administrate OPx
- TID: Terminal-ID
- 4-Eye-Activation: linking an OPP and card reader
- PU: processing unit
- Other terms and definitions refer to Systemmanual

4 Installation

Please follow the instructions to assemble the elements (Systemmanual chapter 8). At OPP and SCR-C the tec fraud switches must be pressed. A combination with OPP must be brought into action with 4-Eye-Activation.

Note: Please perform a 4-Eye-Activation only with combination of OPP!

The following combinations must be activated:

	Terminal	Contacted Reader	COR-Reader	Activation
1	OPP	SCR-C		YES
2	OPP	SCR-C	COR-Axx	YES (OPP with SCR-C)
3	OPP		COR-Axx	YES
4	OPM	SCR-C		NO
5	OPM	SCR-C	COR-Axx/Bxx	NO
6	OPM		COR-Axx/Bxx	NO

Note: It is not allowed to use an OPP with COR-B20. This combination is not certified by PCI!

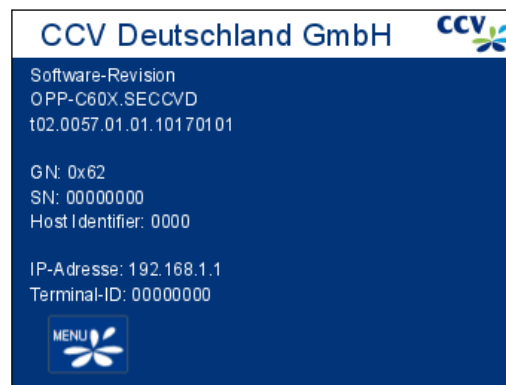
 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 3 / 27</p>
<p>Product-specific Instruction</p>		<p>Vertraulich /confidential</p>

4.1 4-Eye-Activation

A 4-Eye-Activation is mandatory if you use a combination with OPP. You can perform the 4-Eye-Activation separately or within the „Startup“. The display of the OPP shows „Aktivierung erforderlich, Außer Betrieb“ / „Activation required, Out of use“, the display of the COR-Reader shows „Aktivierung erforderlich“ / „Activation required“ and at the SCR-C the second LED flashes yellow if the 4-Eye-Activation is necessary.



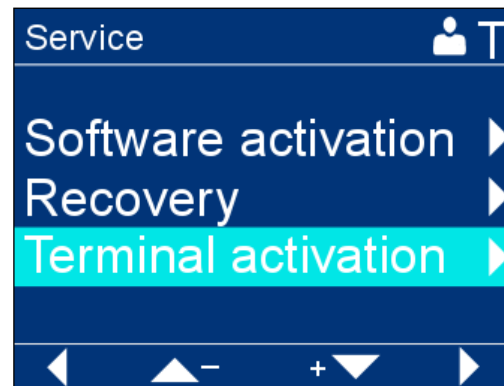
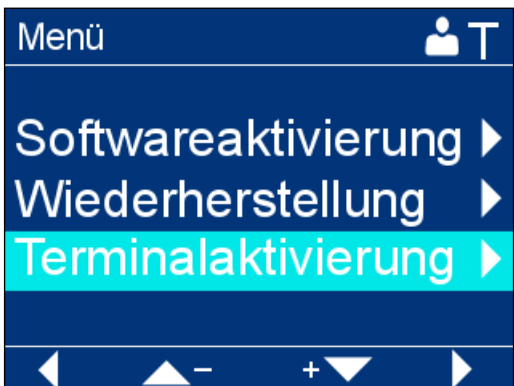
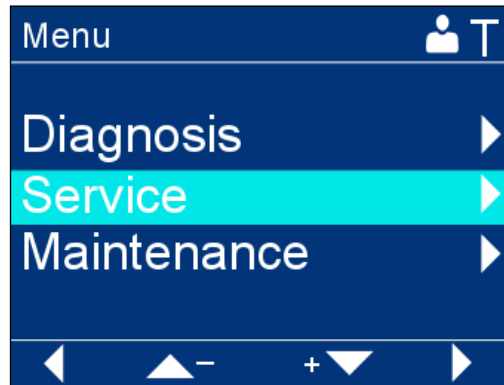
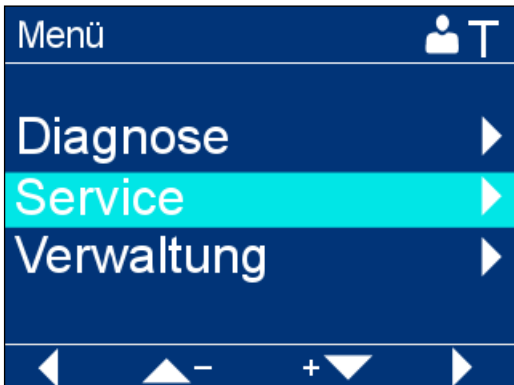
Power up the OPP. During the boot up press button „Info“ on the PIN-Pad when the display shows „Menu“ at the bottom.



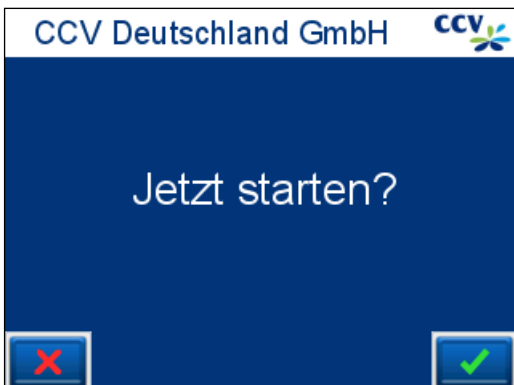
Note: Depending on the Menu-PIN (Technician, Manager, Cashier) you will have different permissions to configure the OPP. This will shown on the display top right.

 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 4 / 27</p>
<p>Product-specific Instruction</p>		<p>Vertraulich /confidential</p>

Navigate with „+“ and „-“ keys to Menu „Service“ and „Terminalaktivierung“ / „Terminal activation“ and confirm with „OK“.



Confirm „Jetzt starten?“ / „Start now?“ with „OK“.

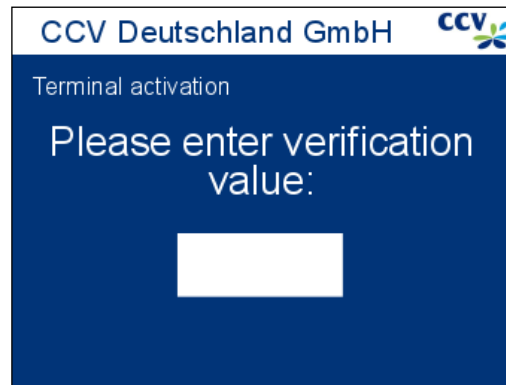


The display shows the 8-digit serial numbers from OPP and SCR-C. Note the serial numbers from OPP and SCR-C and confirm with „OK“.

 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 5 / 27</p>
Product-specific Instruction		Vertraulich /confidential

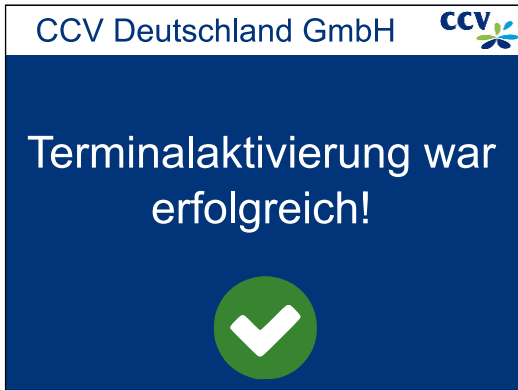


Type in the 7-digit verification value and the 8-digit release code and confirm with „OK“. (How do I get verification number and release code? Phone number +49 8752 86 44 44).



 	Setup OPP/OPM CCV GmbH	PA72P003 Ausgabe / Rev.: 04 Seite / page 6 / 27
Product-specific Instruction		Vertraulich /confidential

After the correct entry of verification value and release code the display shows „Terminalaktivierung war erfolgreich!“ / „Terminal activation was successful!“.



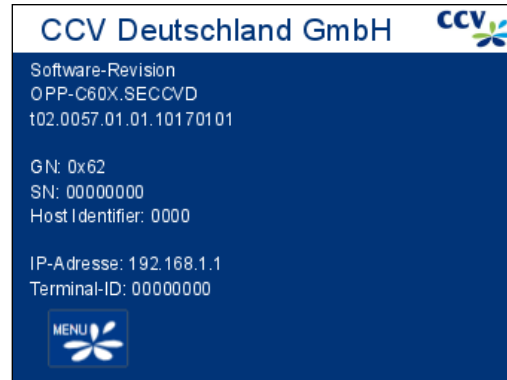
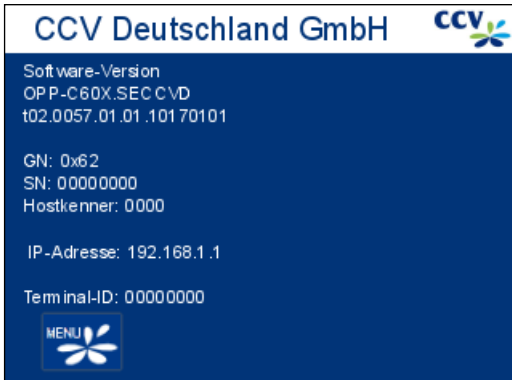
If not successful verify the entries and try again. In case of failure please contact the helpdesk.

 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 7 / 27</p>
Product-specific Instruction		Vertraulich /confidential

4.2 Startup

4.2.1 Startup via OPP

Power up the OPP. During the boot up press button „Info“ on the PIN-Pad when the display shows „Menu“ at the bottom.



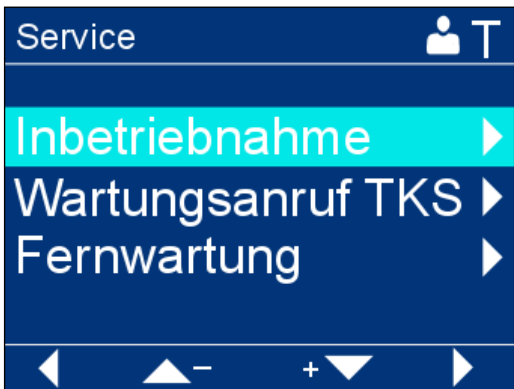
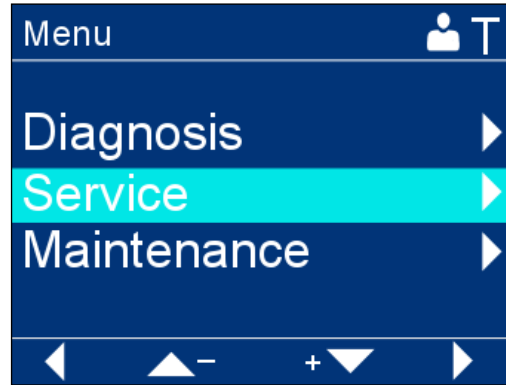
Please type in the menu PIN (technician). You will get the menu PIN from your net-provider.



Note: Depending on the Menu-PIN (Technician, Manager, Cashier) you will have different permissions to configure the OPP. This will shown in the display top right.

 	Setup OPP/OPM CCV GmbH	PA72P003 Ausgabe / Rev.: 04 Seite / page 8 / 27
Product-specific Instruction		Vertraulich /confidential

Navigate with „+“ and „-“ keys to „Service“ and „Inbetriebnahme“ / „Startup“ and confirm with „OK“.



The display shows „Inbetriebnahme“ / „Startup“. Confirm with „OK“.



 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 9 / 27</p>
Product-specific Instruction		Vertraulich /confidential

Select the language and confirm with „OK“.



Type in the 8-digit TID (you will get the TID from your network-provider).

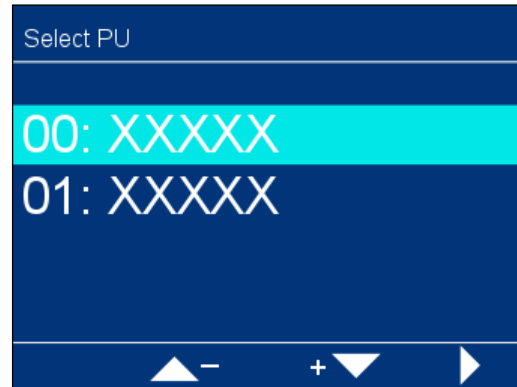
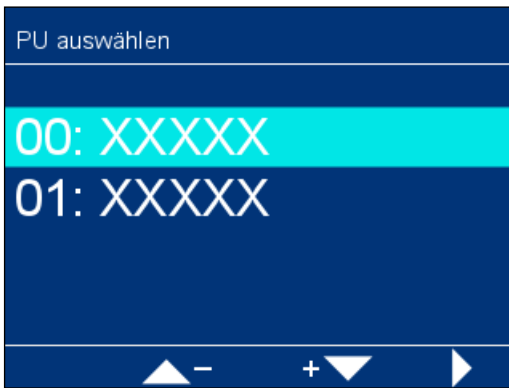


Reenter the TID and press „OK“.

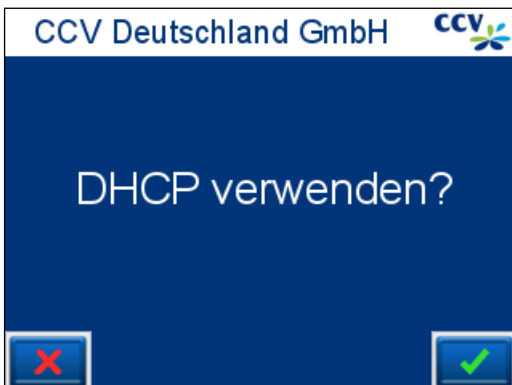


 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 10 / 27</p>
<p>Product-specific Instruction</p>		<p>Vertraulich /confidential</p>

Please select the PU (Processing Unit) by using „+“ and „-“ keys.

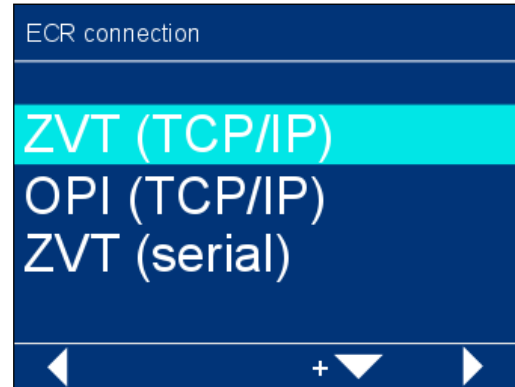
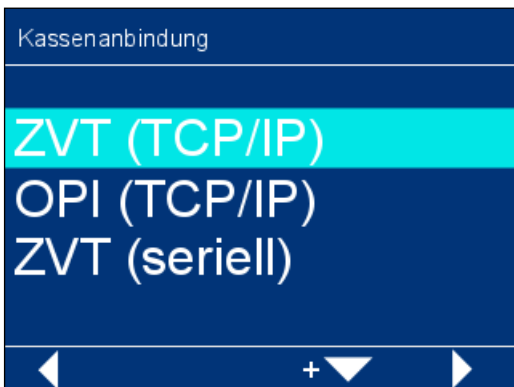
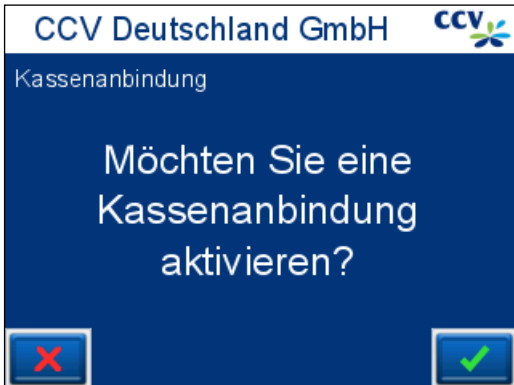


You can choose to use DHCP by using the keys „OK“ or „STOP“. If you press the „STOP“-key you can configure a static IP-address.

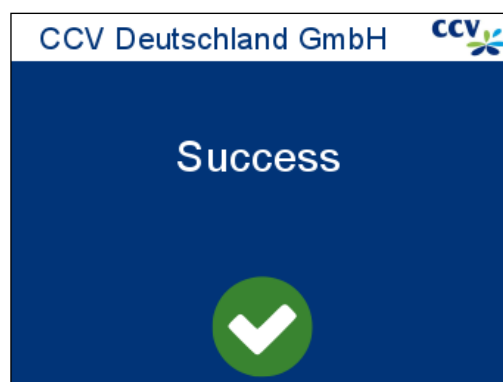
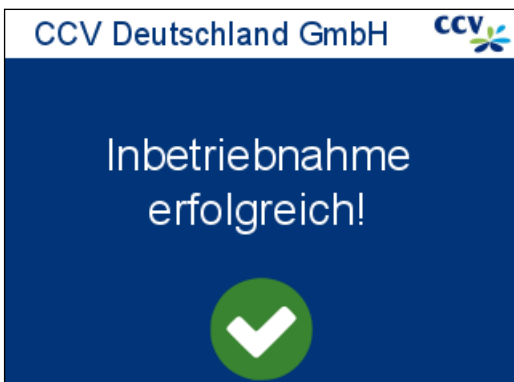


 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 11 / 27</p>
<p>Product-specific Instruction</p>		<p>Vertraulich /confidential</p>

Now you can choose if you like to activate the cash register connections by using the „OK“ or „STOP“ keys. You can choose between ZVT, MDB and O.P.I..



Now the display shows „Inbetriebnahme erfolgreich!“ / „Success“.



 	Setup OPP/OPM CCV GmbH	PA72P003 Ausgabe / Rev.: 04 Seite / page 12 / 27
Product-specific Instruction		Vertraulich /confidential

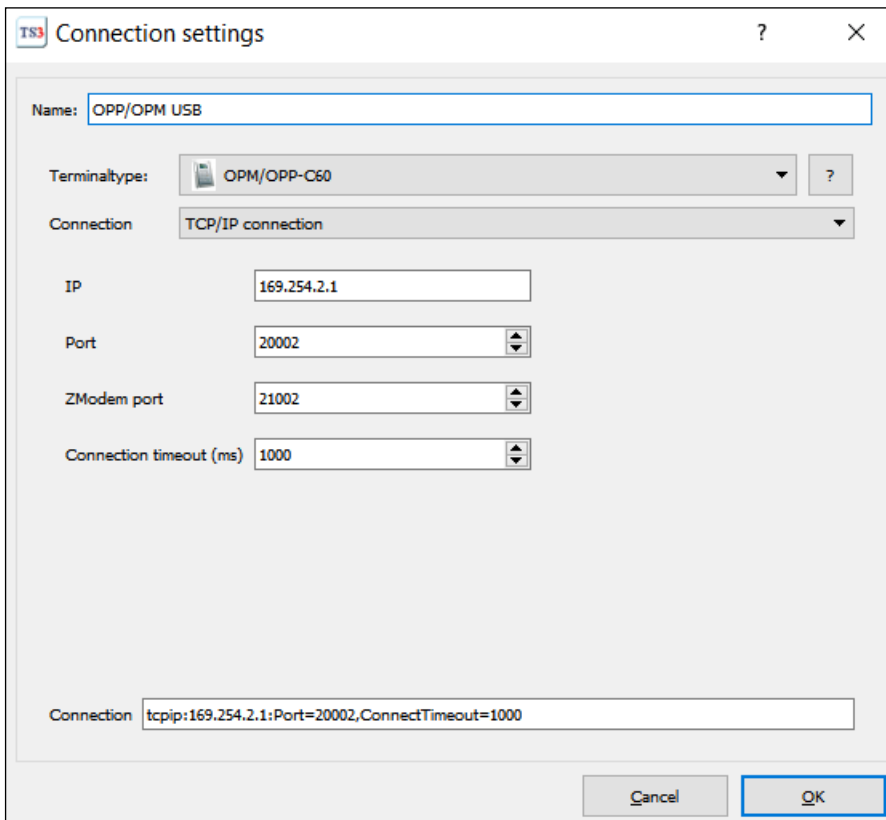
After the diagnosis the OPP is ready for operation and the display shows „Terminal bereit“ / „Terminal ready“.



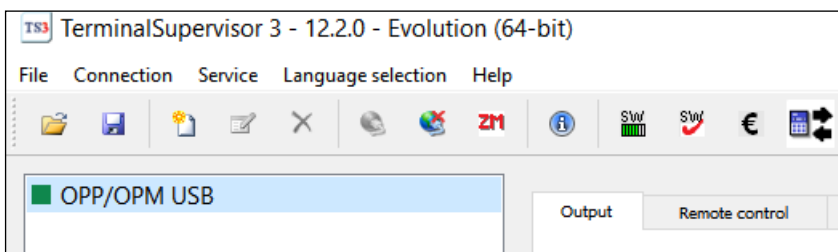
 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 13 / 27</p>
<h3>Product-specific Instruction</h3>		<p>Vertraulich /confidential</p>


4.2.2 Startup via TS3

Make sure your PC is connected to the OPx via USB- or LAN-cable. Power up the OPx. After boot up the display of the OPP shows „Inbetriebnahme erforderlich, Außer Betrieb“ / „Initiation required, Out of use“. The OPM creates a signal tone after boot up. A connected COR-A20/B20 shows „Inbetriebnahme erforderlich“ / „Initiation required“ on its display. Start Terminal Supervisor 3 (TS3). You will need the licence level 3 or higher. Click in menu „Connection“ – „New“ and configure the connection as shown below. The description shows startup via USB. It is necessary to use the exact IP as shown.



Connect to the OPx by double click on the connection. If the connection was successful the grey square changes from light green to dark green for 20 seconds (dark green = connection to OPx is established).



Note: At the same time some menu functions will be active. By click on  (Display terminal version) or at the menu bar „Service“ – „Version“ you will get information about the terminal and connected readers shown in the output tab.



Setup OPP/OPM CCV GmbH

PA72P003
Ausgabe / Rev.: 04
Seite / page 14 / 27

Product-specific Instruction

Vertraulich /confidential

TerminalSupervisor 3 - 12.2.0 - Evolution (64-bit)

File Connection Service Language selection Help

OPP/OPM USB

Output Remote control Log File management Common Settings Secure Settings Internal Settings Connection settings

```
10:31:04 16.02. Transaction Show version started!
10:31:04 16.02. Reading version
Terminal ID: 44210020
Serial number: 13176243
Next receipt number: 20
Last trace number: 100
Unauthorised transactions present: Yes
Unauthorised offline transactions present: Yes (1)
SK state: 6
Key generation number (hex): 62
Key index: 52
PIN-Pad version: SCM:CCVD.x0000.00.00+0000
Product table version: CardTech Toll Collect V1.0 , 2011-01-03T00:00:00
DHCP: off
IP address: 10.124.7.20
Host version: 3717
RAM: 128 MB

terminal secure state:
OPP-C60C
- Key-Loading-Status:betriebsbereit
- Fraud-Register:0x0000 0x1000 0x2000 0x4000

4eye
- Sicherheit im Terminal:aktiv
- Sicherheit im Kartenleser:aktiv
- HSM im Terminal:nicht gesperrt
- HSM im Kartenleser:nicht gesperrt
- Einbauschalter am Terminal:gedrückt
- Einbauschalter am Kartenleser:gedrückt

SCR-C60:verfügbar
- Fraud-Register:0x0000 0x1000 0x2000 0x4000
- Secure-Link:aktiv

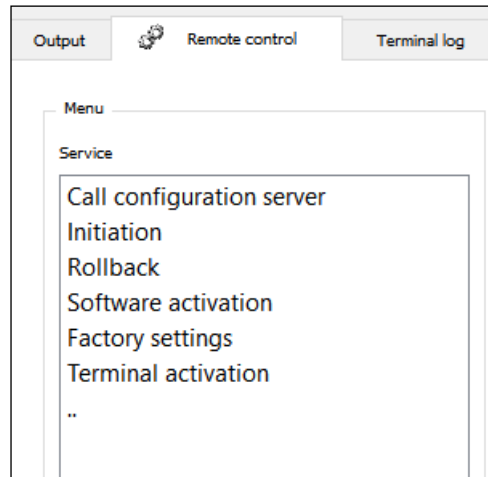
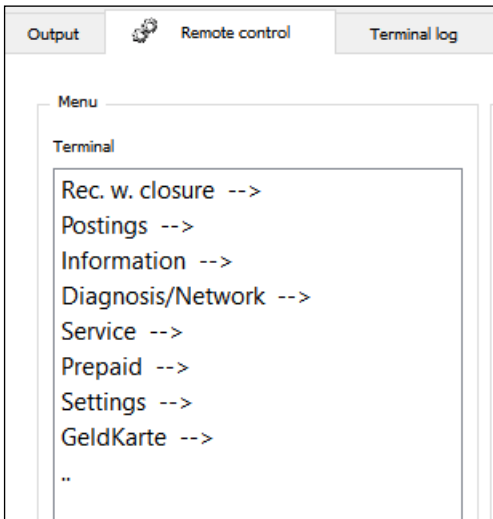
COR-A20:verfügbar
- Fraud-Register:0x0000 0x1000
- Secure-Link:aktiv

No terminal locks
Modulversion:
OPP-C60C.SECCVD.02.0056.07.02.20161208
OS:Linux.2.6.38.8-0114.01.01
DM:CCVD.x0000.00.00+0000
PMC:CCVD.-0004.03.00
MSP:CCVD.-0003.45.45
MDDISPATCHER:CCVD.x0000.00.00+0000
OS:UBoot.0058.01.01
ESERWER:CCVD.x0000.00.00+0000
OS:Toolchain.0002.02.05
INIT:CCVD.0001.20.01
OS:Linux.0114.01.01
SCM:CCVD.x0000.00.00+0000
AIDWHSREDOFF:CCVCTP.T0000.01.01+0000
TRACKDATAWHSREDOFF:CCVCTP.T0000.01.01+0000
EMVCTLS-PW:Alcineo.N/A.N/A.N/A
EMVCTLS-PP:Alcineo.N/A.N/A.N/A
EMVCTLS-EP:Alcineo.N/A.N/A.N/A
External Contactless reader: COR-A20-OS:Identive.COR.OSIDEN.v01.0001.16.00;COR-A20-APP:Identive.COR.APIDEN.v01.0001.16.00;COR-A20-MSP:Identive.MSP.SCCVD.v00.0001.13.01
External card reader: SCR-C60-OS:Identive.COR.OSIDEN.v01.0001.16.00;SCR-C60-APP:Identive.COR.APIDEN.v01.0001.16.00;SCR-C60-MSP:Identive.MSP.SCCVD.v00.0000.23.17;SCR-C60
```

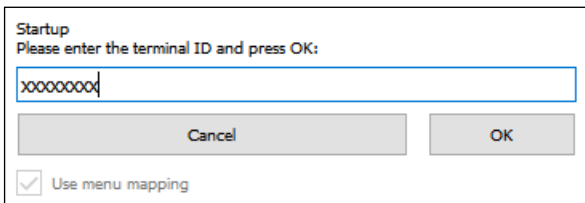
10:31:08 16.02. Transaction Show version done!

 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 15 / 27</p>
<h3>Product-specific Instruction</h3>		<p>Vertraulich /confidential</p>

Click on tab „Remote control“ and „Start“. Then click on „Service“ und „Initiation“. If an OPP should be initiated that was not yet activated via 4-Eye-Activation you will automatically run into this process. Please follow the instructions as shown in chapter 4-Eye-Activation. After that you can continue the initiation.

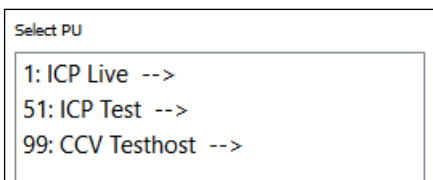


Choose the favored language, for example English. Type in the 8-digit TID. You will get the TID from your Network-provider: <https://ccv-deutschland.de/de/bezugsquellen-der-ccv-terminals>.

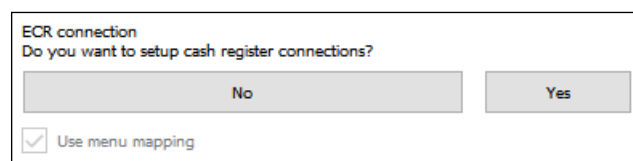
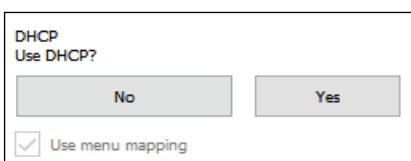


Repeat the entry of the TID.

Choose the PU.

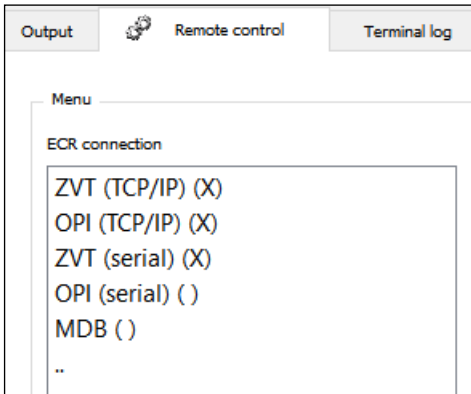


Choose DHCP or a static IP-address. Following you can choose if you like to setup cash register connections.



 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 16 / 27</p>
Product-specific Instruction		Vertraulich /confidential

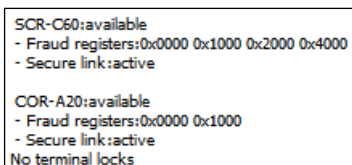
If you like to setup cash register connections you can choose between ZVT, MDB and O.P.I.. To finish ECR connection click on „..“ below „MDB“.



After successful initiation the OPx executes some diagnosis. The display from OPP shows „Terminal bereit“ / „Terminal ready“.



A connected SCR-C shows a green flashing LED (3). A COR-A20/B20 shows „Terminal bereit“ / „Terminal ready“ on the display and the top left LED flashes green. The top left LED also flashes green on a COR-A10. If you click on „Display terminal version“ no terminal locks will be displayed:



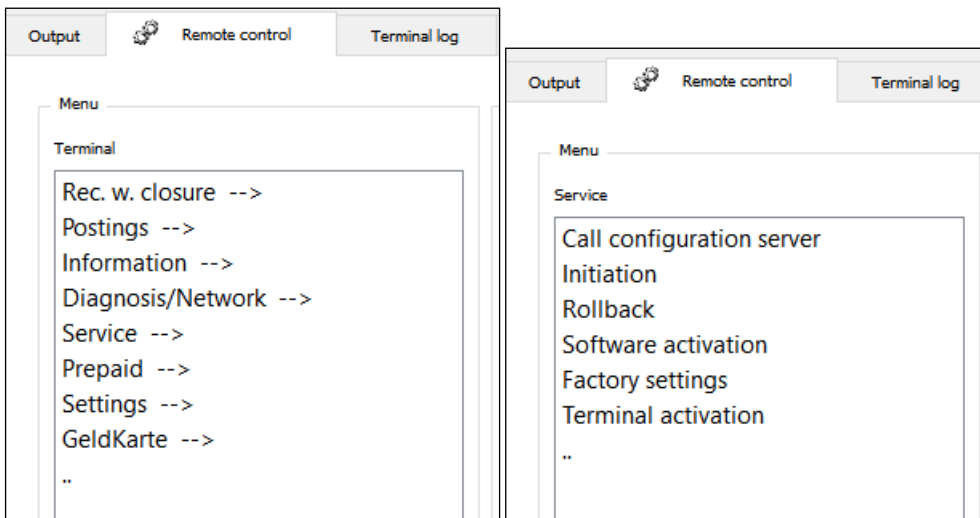
 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 17 / 27</p>
<h3>Product-specific Instruction</h3>		<p>Vertraulich /confidential</p>

4.2.3 Startup with Modem via TS3

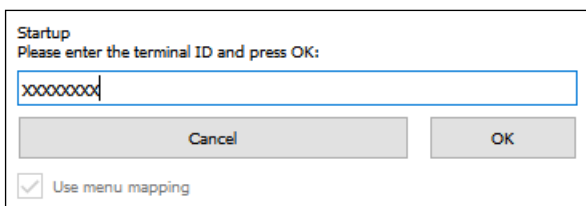
To change the host communication, for example from Modem to LAN, a initiation is required.

Connect your OPx via USB cable to our PC. Connect the modem with the POS interface of your OPx. The LAN cable must not be connected at the same time as the modem.

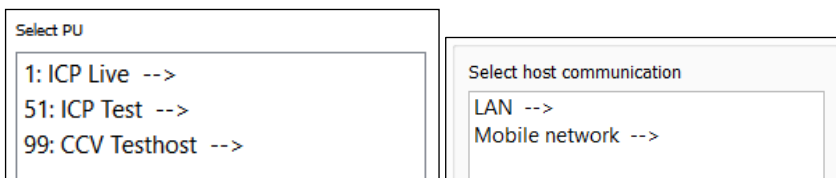
Click on tab „Remote control“ and „Start“. Then click on „Service“ und „Initiation“. If an OPP should be initiated that was not yet activated via 4-Eye-Activation you will automatically run into this process. Please follow the instructions as shown in chapter 4-Eye-Activation. After that you can continue the initiation.



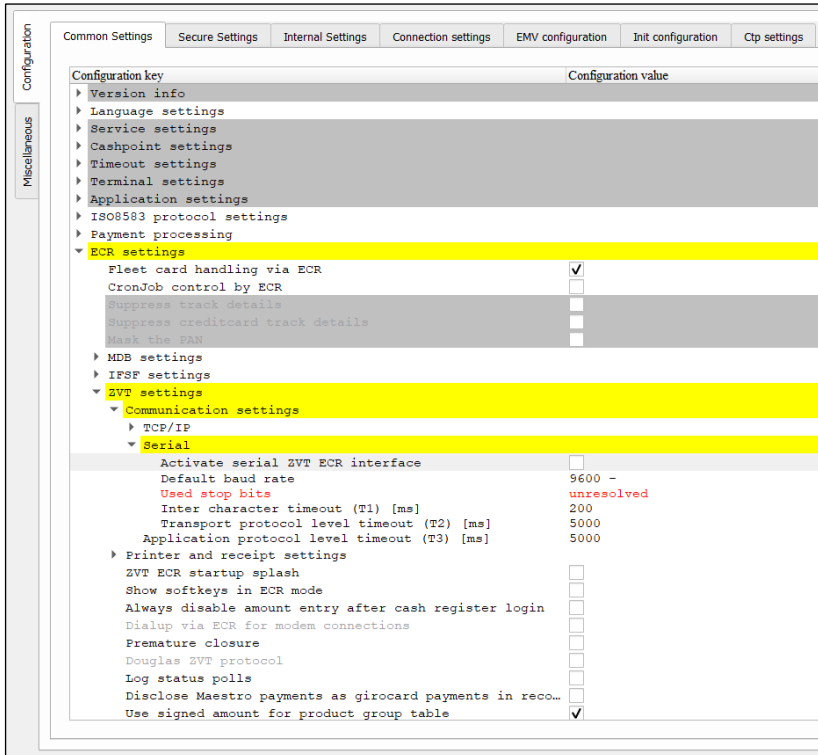
Choose the favored language, for example English. Type in the 8-digit TID. You will get the TID from your Network-provider: <https://ccv-deutschland.de/de/bezugsquellen-der-ccv-terminals>.



Repeat the entry of the TID and choose the PU. Click on „Mobile network“.



If the „Mobile network“ is not an option of the host communication selection then go to the tab „configuration“. Click on „common settings“ then expand the „ECR settings“, „ZVT settings“, „communication settings“ and „Serial“. „Activate serial ZVT ECR interface“ must be unchecked. Send the changes and restart your device.

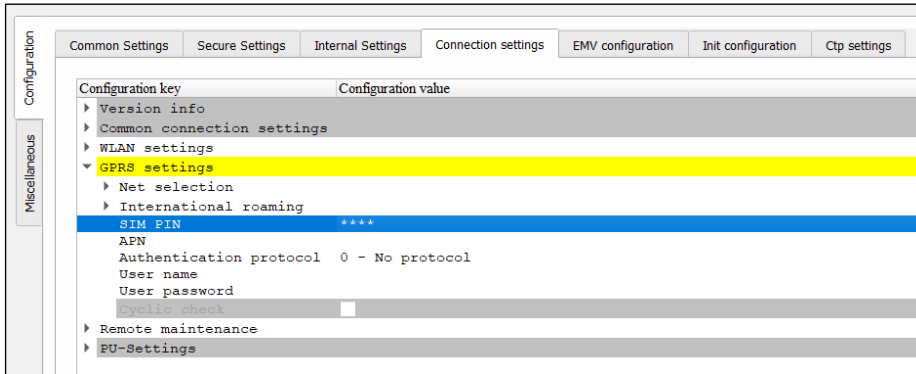


Enter the SIM-PIN.

SIM-PIN
Enter SIM-PIN

Cancel OK

If you are not asked to enter your SIM-PIN or if there is an error message „ wrong SIM-PIN“, then go tot he tab „configuration“ and „connectin settings“. Expand the „GPRS settings“ and enter your SIM-PIN manually.



Enter your APN name, username and passwort and confirm your input.

Access Point Name (APN)
Please enter the GPRS Access Point Name
(Empty value is not allowed):

Cancel OK

Access Point Name (APN)
Please confirm input:
APN: [redacted]
Username: [redacted]
Password: [redacted]

No Yes

APN Username
Please enter username :

Cancel OK

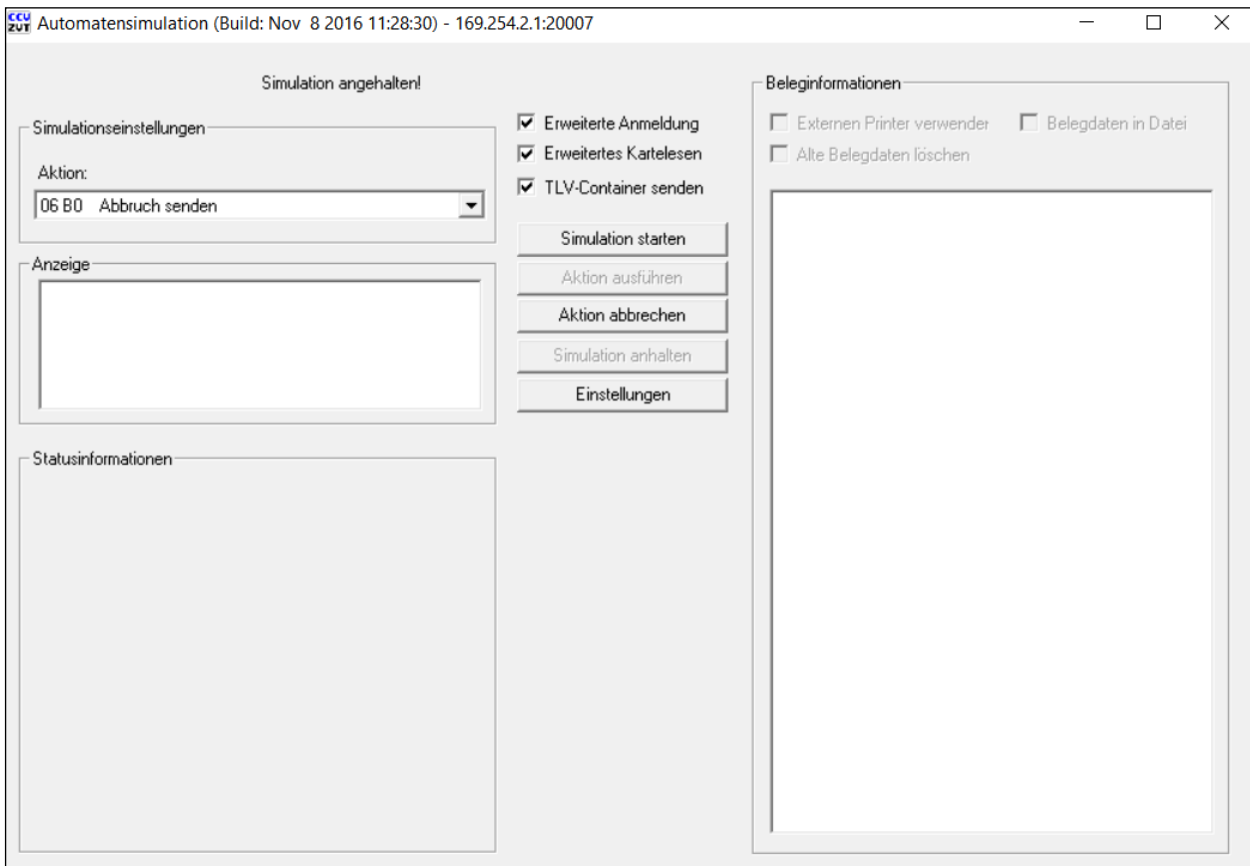
APN Password
Please enter password:

Cancel OK

 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 20 / 27</p>
Product-specific Instruction		Vertraulich /confidential

4.2.4 Startup via ZVT

Please start the CCV software tool „ZVT-Automatensimulation“. Alternatively you can send the ZVT commands to the OPx with your application.



 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 21 / 27</p>
<p>Product-specific Instruction</p>		<p>Vertraulich /confidential</p>

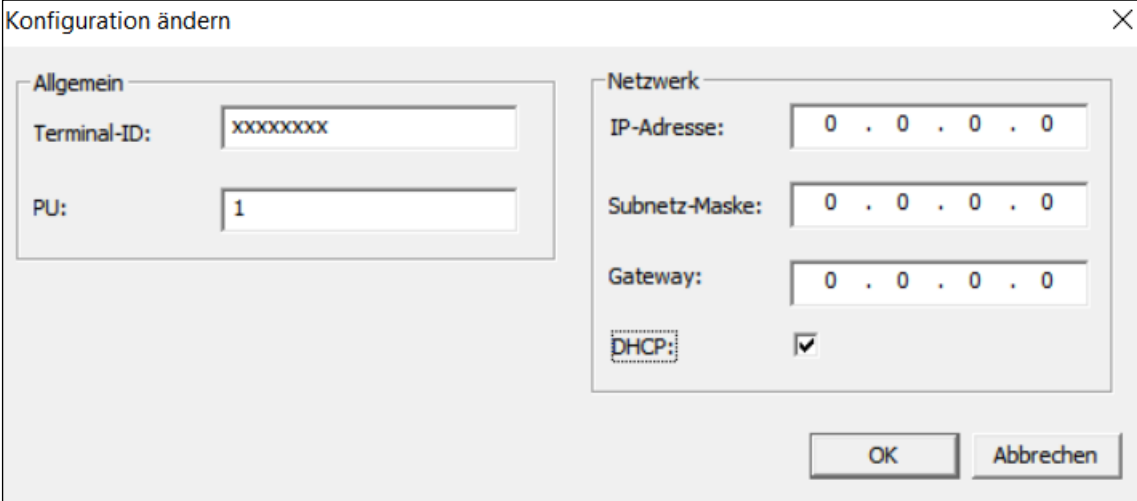
To configure the settings click on „Einstellungen“.

To send a command to the OPx click on „Simulation starten“, set the checkboxes as shown below and confirm with „OK“.

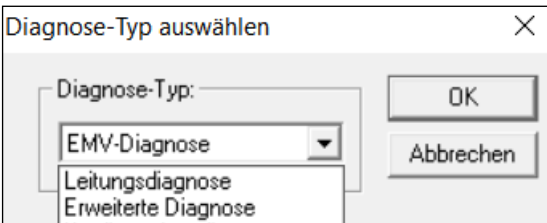
Select the command „08 13 Konfiguration ändern“ at the drop-down menu „Aktion“ and click on „Aktion ausführen“.

 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	PA72P003 Ausgabe / Rev.: 04 Seite / page 22 / 27
Product-specific Instruction		Vertraulich /confidential

Type in the 8-digit TID, the PU and IP-address or select DHCP and confirm with „OK“.



Please select the command „06 93 Initialisierung“ at the drop-down menu „Aktion“ and click on „Aktion ausführen“. If it was successfully operated it will show „Initialisierung erfolgreich“ at „Statusinformationen“. At last select the command „06 70 Diagnose“ at the drop-down menu „Aktion“, select the „Diagnose-Typ“ „EMV-Diagnose“ at the drop-down menu and confirm with „OK“.



Now „Statusinformationen“ shows „Diagnose erfolgreich“ and the OPP and COR-A20/COR-B20 show „Terminal bereit“ / „Terminal ready“.

You can check the configuration (for example: TID, own IP, Host-IP) with command „06 1A Konfiguration drucken“.

4.2.5 Startup via MDB

You can use MDB commands for startup and find relevant commands here:

https://download.ccv-deutschland.de/allgemein/OPP/OPP-C60/Dokumentation/OPP-C60_MDB_ManufacturerSpecificExtension_Configuration.pdf

4.2.6 Startup via O.P.I.

It is not possible to execute an initiation via O.P.I.. Please initialize the OPP/OPM via TS3, ZVT or MDB as described. Alternatively you can initialize the OPP directly.

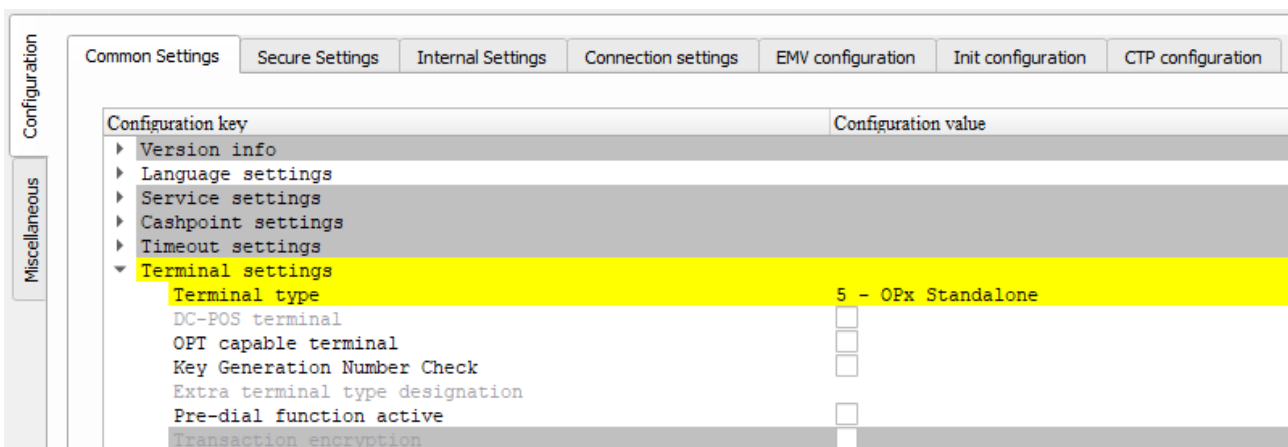
5 Standalone operation

With the help of the POS port, the OPx can also be used in standalone mode without the need of being connected to an ECR.

Note: The standalone mode is only available from model OPx-C60 **LP2** on!

5.1 Standalone configuration via TS3

The OPx standalone mode can be activated under the menu item „Common Settings“ -> „Terminal Settings“ -> „Terminal type“.



Once a card is presented, the OPx determines the price to be paid based on the card information. For this purpose the dependencies between BIN ranges and prices must be defined under the menu item „Common Settings“ -> „ECR settings“ -> „Standalone mode“ -> „BIN ranges/prices“.

Due to PCI or SRED, only the first six digits can be specified for a BIN range. If two BIN ranges differ due to granularity, the „best match“ procedure is used. In the case of disabled P2PE/SRED or whitelist exceptions, all available BIN digits must be considered.

The data is entered in the following format:

Format: BIN-range,price;BIN-range,price;BIN-range,price;BIN-range,price;...

Example: 93*,3.50;935*,2.50;8*,0.00;7553*,1.50;*,10.00;

Configuration																																													
Miscellaneous	Configuration																																												
	<div style="display: flex; border-bottom: 1px solid black; margin-bottom: 5px;"> Common Settings Secure Settings Internal Settings Connection settings EMV configuration Init configuration CTP configuration </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">Configuration key</th> <th style="width: 20%;">Configuration value</th> </tr> </thead> <tbody> <tr><td>▶ Version info</td><td></td></tr> <tr><td>▶ Language settings</td><td></td></tr> <tr><td>▶ Service settings</td><td></td></tr> <tr><td>▶ Cashpoint settings</td><td></td></tr> <tr><td>▶ Timeout settings</td><td></td></tr> <tr><td>▶ Terminal settings</td><td></td></tr> <tr><td>▶ Application settings</td><td></td></tr> <tr><td>▶ ISO8583 protocol settings</td><td></td></tr> <tr><td>▶ Payment processing</td><td></td></tr> <tr style="background-color: yellow;"><td>▶ ECR settings</td><td></td></tr> <tr><td> Fleet card handling via ECR</td><td style="text-align: center;"><input checked="" type="checkbox"/></td></tr> <tr><td> CronJob control by ECR</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td> Suppress track details</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td> Suppress creditcard track details</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td> Mask the PAN</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>▶ MDB settings</td><td></td></tr> <tr><td>▶ IFSF settings</td><td></td></tr> <tr><td>▶ ZVI settings</td><td></td></tr> <tr style="background-color: yellow;"><td>▶ Standalone mode</td><td></td></tr> <tr style="background-color: yellow;"><td> BIN ranges/prices</td><td style="text-align: center;">93*, 3.50; 935*, 2.50; 8*, 0.00; 7553*, 1.50; *, 10.00;</td></tr> <tr><td>▶ Printer settings</td><td></td></tr> </tbody> </table>	Configuration key	Configuration value	▶ Version info		▶ Language settings		▶ Service settings		▶ Cashpoint settings		▶ Timeout settings		▶ Terminal settings		▶ Application settings		▶ ISO8583 protocol settings		▶ Payment processing		▶ ECR settings		Fleet card handling via ECR	<input checked="" type="checkbox"/>	CronJob control by ECR	<input type="checkbox"/>	Suppress track details	<input type="checkbox"/>	Suppress creditcard track details	<input type="checkbox"/>	Mask the PAN	<input type="checkbox"/>	▶ MDB settings		▶ IFSF settings		▶ ZVI settings		▶ Standalone mode		BIN ranges/prices	93*, 3.50; 935*, 2.50; 8*, 0.00; 7553*, 1.50; *, 10.00;	▶ Printer settings	
Configuration key	Configuration value																																												
▶ Version info																																													
▶ Language settings																																													
▶ Service settings																																													
▶ Cashpoint settings																																													
▶ Timeout settings																																													
▶ Terminal settings																																													
▶ Application settings																																													
▶ ISO8583 protocol settings																																													
▶ Payment processing																																													
▶ ECR settings																																													
Fleet card handling via ECR	<input checked="" type="checkbox"/>																																												
CronJob control by ECR	<input type="checkbox"/>																																												
Suppress track details	<input type="checkbox"/>																																												
Suppress creditcard track details	<input type="checkbox"/>																																												
Mask the PAN	<input type="checkbox"/>																																												
▶ MDB settings																																													
▶ IFSF settings																																													
▶ ZVI settings																																													
▶ Standalone mode																																													
BIN ranges/prices	93*, 3.50; 935*, 2.50; 8*, 0.00; 7553*, 1.50; *, 10.00;																																												
▶ Printer settings																																													

5.2 Standalone adapter

To use the standalone mode, the adapter cable 03096-72 is required. This is plugged into the POS port and ends in two open wires. After successful payment the OPx closes the contact between the two leads.

Switching time: 500ms

Switching performance: 10W (at max. 0.5A, max. 300VDC)



5.3 Reconciliation

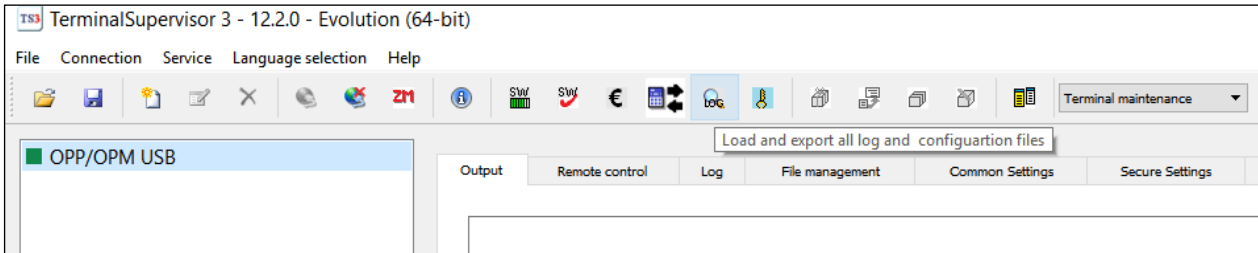
To use the OPx standalone mode, an automatic reconciliation has to occur. This can either be initiated by the network operator via TKM command or alternatively be stored in the terminal via TS3 under the menu item „Common Settings“ -> „Payment processing“ -> „Reconciliation with closure“ -> „Number of days until forced closure“.

6 Logfile

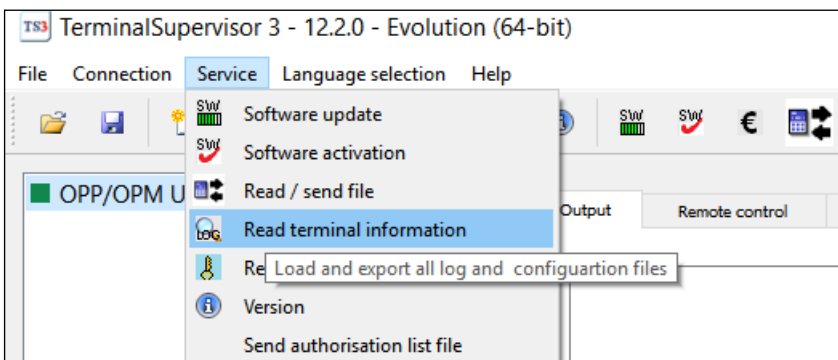
 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 25 / 27</p>
<h3>Product-specific Instruction</h3>		<p>Vertraulich /confidential</p>

To have a short documentation about the executed setup process you can create a logfile via TS3 by performing the following steps. This file will also help for diagnosis and support.

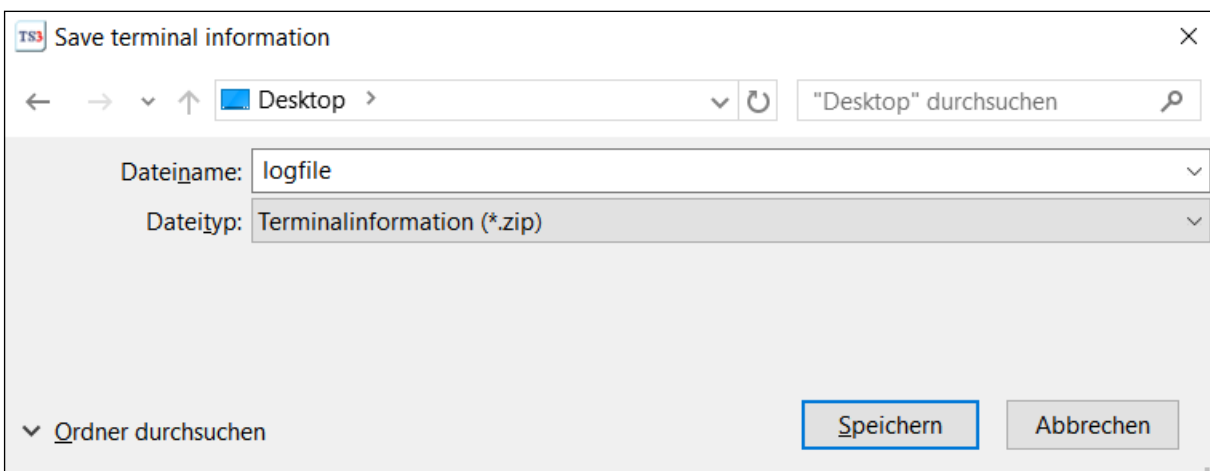
Doubleclick on „OPP/OPM USB“ (or similar description) to connect to the OPx. Click on symbol „Load and export all log and configuration files“.



Alternatively you can click on the tab „Service“ and „Read terminal information“.



Name the logfile, choose a location to store and confirm with „Save“.



7 Documents

- System manual: <https://download.ccv-deutschland.de/allgemein/OPP/OPP-C60/Dokumentation>

 	<h2>Setup OPP/OPM</h2> <h3>CCV GmbH</h3>	<p>PA72P003 Ausgabe / Rev.: 04 Seite / page 26 / 27</p>
<h3>Product-specific Instruction</h3>		<p>Vertraulich /confidential</p>

- OPP/SCR-C: <https://ccv-deutschland.de/de/product/opp-c60>
- OPM: <https://ccv-deutschland.de/de/product/opm-0>
- COR-A10, COR-A20, COR-B20: <https://ccv-deutschland.de/de/product/cor>

8 FAQ

- How can I get in touch with CCV Hotline?
<https://www.ccv.eu/de/partner-integratoren-netzbetreiber/service-und-support/>
Phone: +49 8752 86 44 44
- What is the website from CCV Deutschland?
<https://ccv-deutschland.de/de>
- Where can I get the Terminal-ID (TID) from?
You will get it from your network-provider.
- Where can I get information about net provider?
<https://www.ccv.eu/de/partner-integratoren-netzbetreiber/>
- What is a PU?
Processing Unit (host-set connection configuration).
- What protocols are available with OPx?
ZVT (serial/IP), O.P.I. (IP, serial is not supported), MDB (serial).
- Where can I get codes for 4-Eye-Activation?
Please call the support at +49 8752 86 44 44.
Note: **Please perform a 4-Eye-Activation only with OPP!**

	Terminal	Contacted Reader	COR-Reader	Activation
1	OPP	SCR-C		YES
2	OPP	SCR-C	COR-Axx	YES (OPP with SCR-C)
3	OPP		COR-Axx	YES
4	OPM	SCR-C		NO
5	OPM	SCR-C	COR-Axx/Bxx	NO
6	OPM		COR-Axx/Bxx	NO

- Where can I get the installation files for Terminal Supervisor 3 (TS3)?
https://download.ccv-deutschland.de/allgemein/Terminal_Supervisor/TS3
(you will get the username and password for protected download area from your contact at CCV Deutschland)
- Where can I get installation files for ZVT-Automatensimulation?
https://download.ccv-deutschland.de/allgemein/Tools_allgemein/ZVT-Automatensimulation
(you will get the username and password for protected download area from your contact at CCV Deutschland)
- Where can I get installation files for xPay (O.P.I.)?
https://download.ccv-deutschland.de/allgemein/Tools_allgemein/xPay

 	<h1>Setup OPP/OPM</h1> <h2>CCV GmbH</h2>	PA72P003 Ausgabe / Rev.: 04 Seite / page 27 / 27
Product-specific Instruction		Vertraulich /confidential

(you will get the username and password for protected download area from your contact at CCV Deutschland)

- Where can I order the Tec Fraud Fixture (Fixture for tec fraud switch)?
Tec Fraud Fixture for OPP-C60c, OPP-C60m, OPP-C60s and SCR-C can be ordered at bestellung@de.ccv.eu
- Where can I find specifications?
Systemmanual: <https://download.ccv-deutschland.de/allgemein/OPP/OPP-C60/Dokumentation>
OPP/SCR-C: <https://ccv-deutschland.de/de/product/opp-c60>
OPM: <https://ccv-deutschland.de/de/product/opm-0>
COR-A10, COR-A20, COR-B20: <https://ccv-deutschland.de/de/product/cor>

9 Changelog

Edition overview for this document:				
Revision:	Date:	Issue-, Changereason	Creator:	Release:
01	16.02.2017	First draft version	F. Edunjobi	
02	23.02.2017	O.P.I. specification revised	F. Edunjobi	
03	11.05.2020	Startup with modem Description Standalone mode	S. Stanglmayr	
04	04.01.2020	Text "CCV Deutschland GmbH" changed for text "CCV GmbH".	Ochoa	