

Twelve Network Access

Overview of ports required to use Twelve

The IP addresses and ports in this document must be set on the network, if the IP addresses are not set correctly this may cause the terminals to malfunction. We need the following connections to install the terminals.

For every POS-terminal (within 1 meter from the POS)

- 1x 230V wall socket, preferably connected to a separate group
- 1x UTP wall socket

For every PIN-terminal (within 1 meter from the PIN-terminal)

- 1x 230V wall socket, preferably connected to a separate group
- 1x UTP wall socket

If you work with linked PIN-terminals or network printers, the terminals must be able to communicate with each other via the internal network, it is important that the POS terminals and PIN-terminals are in the same subnet / IP range.

Twelve POS application

IP address	Ports TCP/UDP	Description
85.17.76.76	80 & 443	Twelve Backoffice & Heartbeat
194.31.144.0/24	5721	RMM Tool Kaseya Agent
109.233.52.128/26	5721	
89.47.13.0/24	5721	
212.54.132.0/24	5721	
51.4.204.52/32	5721	
79.125.7.9	25	Kaseya Alert & Alarm e-mails
49.72.39.215	25	
149.72.82.166	25	

EMS First data (internet SSL3/DNS required)

IP address	Ports TCP	Description
ctapesh.firstdataclients.eu	12697	Acquirer update & CTAP Transaction Host
ctapesh.firstdataclients.eu	12697	Scheme load

Adyen (SSL)

IP address	Ports TCP	Description
*.adyen.com	443	API request
*.adyenpayments.com	443	API request
*.adyen.com	8443	Payment Result
*.adyenpayments.com	8843	Payment Result



CCV TMS (internet) & CCVPay (internet) - IP Block: 193.173.53.64/26

IP address	Ports TCP/UDP	Description
193.173.53.65 - 193.173.53.126	15000 - 15899	Terminal Management System

CCVPay (internet SSL3, DNS required) - IP Block: 185.114.184.0/22

IP address	Ports TCP	Description
185.114.184.1 - 185.114.187.254	10000-10899	NL/EU Host (C-TAP, IFSF, Flexo, Payconiq)
185.114.184.1 - 185.114.187.254	15000-15899	NL/EU Host (C-TAP, IFSF, Flexo, Payconiq)
https://d-api.myccv.eu/ vxterminal.myccv.eu	15500 443	NL/EU Host (C-TAP, IFSF, Flexo, Payconiq) NL/EU Host SSL3

CCVPay (POIP/VPN Certified Network - Only for NL) - IP Block: 194.104.96.0/24

IP address	Ports TCP	Description
194.104.96.1 - 194.104.96.254	10000 - 10899	NL/EU Host (C-TAP, IFSF, Flexo, Payconiq)
194.104.96.1 - 194.104.96.254	15000 - 15899	NL/EU Host (C-TAP, IFSF, Flexo, Payconiq)

Equens Production Host (internet)

IP address	Ports TCP/UDP	Description
82.195.52.2	50495	C-TAP, Transaction host, Acquirer update
82.195.52.2	50496	Scheme load
82.195.48.7	50495	Production host SSL3 (C-TAP 10 only)
82.195.48.7	50496	Scheme load SSL3

CCV Pax Store NL (Internet TLS/DNS required)

IP address	Ports TCP/UDP	Description
api.store.ccv.eu	443	CCVStore retrieve and update backend
www.store.ccv.eu	443	App, firmware, parameter download
paxras.whatspos.com	443	Crash report
mpush.store.ccv.eu	443	Heartbeat and send notification
mpush1.store.ccv.eu	443	Heartbeat and send notification
*.qq.com	443	Map service (get geo-location)
xtrath1.izatcloud.net	443	Used by GPS module

Atos Worldline (internet)

IP address	Ports TCP/UDP	Description
193.58.87.100	55501	NL Host (C-TAP & Acquirer update)
193.58.87.100	55502	NL/EU Host (Scheme load)
193.58.87.100	55516	EU Host (C-TAP & Acquirer update)



Atos Wordline (internet TLS/DNS required)

IP address

sp.payment.banksys.be
ctapccawl.payment.banksys.be
bccawl.payment.banksys.be
193.58.87.100

Ports TCP/UDP

5461
55502
20013, 5455, 20009
55515, 20023

Description

AWL EU Host (Scheme load)
AWL EU Host (Acquirer update & C-TAP)
Transaction Host (C-TAP10 terminals)
AWL EU Host (Scheme load)

12Waiter printer

IP address

*.12waiter.eu
*.12waiter.eu

Ports TCP

80
443

Description

Epson Server Direct Print (HTTP)
Epson Server Direct Print (HTTPS)

Twelve printserver

IP address

printserver.twelve.eu
printserver.twelve.eu

Ports TCP

80
443

Description

Epson Server Direct Print (HTTP)
Epson Server Direct Print (HTTPS)

Payconiq (SSL)

IP address

App.payconiq.com

Ports TCP

443

Description

Payconiq host

Ingenico (Internet SSL3, DNS required)

IP address

94.247.113.76

Ports TCP/UDP

4010

Description

(Acquirer update & C-TAP Transaction Host)

Version

1.4

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2020-11-02

Changed by

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Notes

Added Ingenico and changed CCV hosts

