



CCV Netwerkontsluiting

Gebruikte IP en Poortnummers





CCV Netwerkontsluiting, Gebruikte IP en Poortnummers

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v2.7, 17-11-2010
preliminary

Ref.: -

I Document historie

Datum	Versie	Naam	Opmerkingen
17-11-2010	v1.0	J. Beunder	
11-12-2012	v2.0	P. ten Raa	Alvira TMS added, name changed processors.
13-12-2012	v2.1	B.J. Eilander	Textual changes.
18-07-2013	v2.2	B.J. Eilander	SSL3 IP addresses Equens for the purpose of C-Tap10 added.
16-06-2014	v2.3	B.J. Eilander	AWL EU C-Tap10 Portnumber added.
7-10-2015	V2.4	B.J. Eilander	MLA Logserver Address added
7-10-2015	V2.4	B.J. Eilander	Translation to English
20-10-2015	V2.5	P. Hagemans	Add Stand-in IP addresses
11-02-2016	V2.6	B.J. Eilander	AWL NL & AWL BCMC SSL3 IP addresses added
10-01-2017	V2.7	B.J. Eilander	EMS FD, PFS & MLA IP addresses added

Datum	Versie	Review door	Opmerkingen
13-12-2012	v.2.0	B.J. Eilander	
18-07-2013	v.2.2	P. ten Raa	
20-10-2015	v.2.5	B.J. Eilander	
11-02-2016	v.2.6	B.J. Eilander	
10-01-2017	v.2.7	B.J. Eilander	

III Distributielijst

Naam	Functie
Accountmanagers	
BackOffice	
ServiceCenter	
Services	

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1 INTRODUCTIE

1.1 Status

Dit is versie 1.0 van document CCV Netwerkontsluiting, Gebruikte IP en Poortnummers. De status van het document is Voorlopig.

1.2 Introduction

This document can be used as a guide to set up your network and deploy the appropriate IP addresses and port numbers open, needed to access all hosts that are required for the terminals. If the IP Addresses aren't set up correctly as reported in this document, could have the effect that the terminal can not operate correctly.

2 IP ADDRESSES & PORT NUMBERS

The following IP addresses and port numbers should always and for all terminals accessible. There is a distinction in functionality to make clear that what is for.

2.1 IP Addresses & Port Ranges

CCV TMS (POIP/VPN Certified Network)		
IP Address	Port Range	Description
194.104.96.44	15000 - 15899	Terminal Management System CCV (TMS)

CCV TMS (Internet)		
IP Address	Port Range	Description
193.173.53.101	15000 – 15899	Terminal Management System CCV (TMS)

Alvira TMS (POIP/VPN Certified Network)		
IP Address	Port Range	Description
87.213.38.194	2601 – 2699	Terminal Management System Alvira (TMS)
87.213.38.195	2601 – 2699	Terminal Management System Alvira Telium (TMS)

Alvira TMS (Internet)		
IP Address	Port Range	Description
87.213.38.194	2601 – 2699	Terminal Management System Alvira (TMS)
87.213.38.195	2601 – 2699	Terminal Management System Alvira Telium (TMS)

(APSP) CCV Pay (POIP/VPN Certified Network)		
IP Address	Port Range	Description
194.104.96.43	10000 - 10899	CCVPay NL/EU Production Host (C-Tap, IFSF, Flexo CCVPay)

(APSP) CCV Pay (Internet)		
IP Address	Port Range	Description
193.173.53.100	10000 - 10899	CCVPay NL/EU Production Host (C-Tap CCVPay)
oltp.ccvpay.nl	10000 - 10899	CCVPay NL/EU Production Host SSL3(C-Tap, IFSF, Flexo CCVPay)

(Attention!, For SSL3 DNS is required!)

Equens (POIP/VPN Certified Network)		
IP Address	Port	Description
82.195.48.7	50495	Equens Production Host (Ctap Transaction Host, acquirerupdate)
82.195.48.7	50496	Equens Production Host (scheme load)

Equens (Internet)		
IP Address	Port	Description
82.195.52.1	50495	Equens Production Host (Ctap Transaction Host, acquirerupdate)
82.195.52.1	50496	Equens Production Host (scheme load)
82.195.52.2	50495	Equens Production Host SSL3 Ctap 10 only (Ctap Transaction Host, acquirerupdate)
82.195.52.2	50496	Equens Production Host SSL3 Ctap 10 Terminals only(scheme load)

Atos Worldline Holland (POIP/VPN Certified Network)		
IP Address	Port	Description
193.58.87.100	55501	AWL NL Host (acquirer update & Ctap Transaction Host)
193.58.87.100	55502	AWL NL/EU Host (scheme load)
193.58.87.100	55516	AWL EU host (acquirer update & Ctap Transaction Host for C-Tap 10 terminals)

Atos Worldline Holland (Internet)		
IP Address	Port	Description
193.58.87.100	55501	AWL NL Host (acquirer update & Ctap Transaction Host)
193.58.87.100	55502	AWL NL/EU Host (scheme load)
193.58.87.100	55516	AWL EU Host (acquirer update & Ctap Transaction Host C-Tap 10)

Atos Worldline Holland (Internet SSL3)		
IP Address	Port	Description
sp.payment.banksys.be	5401	AWL EU Host (scheme load)
ctapccawl.payment.banksys.be	20013	AWL EU Host (acquirer update & Ctap Transaction Host C-Tap 10)
(Attention!, For SSL3 DNS is required!)		

Atos Worldline BCMC Belgium (Internet SSL3)

IP Address	Port	Description
sp.payment.banksys.be	5461	AWL EU/BCMC Host (scheme load)
bmaemv- trx.payment.banksys.be	20001	AWL BCMC Host (acquirer update & Ctap Transaction Host)

(Attention!, For SSL3 DNS is required!)

EMS First Data (Internet SSL3)

IP Address	Port	Description
ctapesh.firstdataclients.eu	12697	EMS First Data Host (scheme load)
ctapesh.firstdataclients.eu	12697	EMS First Data (acquirer update & Ctap Transaction Host)

(Attention!, For SSL3 DNS is required!)

PFS(Prepaid Financial Services) (Internet SSL3)

IP Address	Port	Description
gateway01.paynation.eu	22901	PFS (acquirer update & Ctap Transaction Host)

(Attention!, For SSL3 DNS is required!)

2.2 Public Transport IP Addresses & Port numbers

The below IP Addresses and port numbers are only relevant if you also have to provide support for public transport equipment CCV (AVM and AHM)

OV there are two types of data streams:

- Online NAL data traffic towards TLS (TransLink Systems)
- Offline ***passive FTP** batch data traffic towards the public transport organizations (194.104.96.44)

It can be used only for public transport by CCV delivered terminals.

OV FTP / NTP Production (POIP/VPN Certified Network)		
IP Address	Port range	Description
194.104.96.44	15900-15999	OV FTP / NTP Production
194.104.96.43	10900-10999	OV NAL Production

* **Passive FTP** Traffic is relatively difficult in combination of NAT idle timers and idle command session. In addition, the FTP server returns a dynamic data session port > 1024 back to the client (Public Transport terminal). This port the public transport terminal will then set up the data session . Please keep this in mind in case of ACLs, etc. So besides the port range in the attached network diagram must also take into account the dynamic passive FTP data session ports > 1024.

3 LOGSERVER

MLA		
IP Address	Port	Description
62.132.98.121	15500-15501	MLA Logserver to retrieve (debug)logfiles from terminals for problem analyse purposes.
194.104.96.44	15500-15501	
193.173.53.101	15500-15501	

4 STAND-IN

The below IP Addresses and port numbers are only relevant if you also have parking equipment with stand-in functionality. The stand-in is basically a virtual terminal functionality. The connection is the between the POS system and the CCV-pay host.

Stand-in		
IP Address	Port range	Description
93.173.53.106	443 / https	Stand-in https://hwsp.ccvpay.nl
93.173.53.107	443 / https	Stand-in https://hwsp.ccvpay.nl