



**Electronic Payment Certification Institute**

**COMMON TERMINAL ACQUIRER PROTOCOL**

IP ADDRESSES AND PORT NUMBERS  
VERSION 1.1(5), 16 JANUARY 2012  
PUBLIC INFORMATION

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## 1 . INTRODUCTION

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With the introduction of Internet communication for payment terminals, vendors and acquirers have to consider that firewalls might block the outgoing traffic from the terminal over the router infrastructure of the merchant to the acquirer. In that case the terminal will not be able connect the acquirer's systems over the ADSL or cable broadband connection.

Parties on the Internet are identified with IP addresses and services by port numbers. Firewall settings involve the declaration of IP addresses and port numbers the terminal is allowed to access for outgoing and incoming traffic. This will require a local setup for individual routers installed by or on behalf of merchants. Firewall settings can also be defined at the level of managed Internet networks, such as the GPRS service for mobile communication.

Merchants should be aware that the management of firewalls is outside the domain of vendors and acquirers and they should provide a proper solution to activate the required access to the IP addresses. They should also be aware that a terminal can connect to multiple acquirers and that a change of acquirer or the acceptance of new brands will require the access to new or additional acquirer systems.







It should also be noted that acquirers can change their IP addresses or add additional ones and that a change in configuration might be required over time.

## 2 . ACQUIRERS' IP ADDRESSES







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The table on the next page provides you with the IP hostnames and IP addresses + port numbers for a number of acquirers that requested EPCI to make this information available.

Please note that EPCI only relays this information accurately and that all responsibilities remain with the acquirers.

|   |   |                                |   |   |
|---|---|--------------------------------|---|---|
|    | American Express                              | IP addresses                   | Range: 193.58.80.0 to 193.58.87.255 included  |   |
|   |   | Host name(s) and port numbers* | amex.payment.banksys.be<br>amexawl.payment.banksys.be   | 15050<br>20011  |
|    | Atos Worldline Transactional Services         | IP addresses                   | Range: 193.58.80.0 to 193.58.87.255 included  |   |
|   |   | Host name(s) and port numbers  | bcc.payment.banksys.be<br>bctmca.payment.banksys.be<br>cc.payment.banksys.be<br>proton.payment.banksys.be<br>rtl.payment.banksys.be<br>sodexo.payment.banksys.be<br>bccawl.payment.banksys.be | 5455<br>5450<br>5454<br>5451<br>15352<br>20008<br>20009 |
|    | Buy Way                                       | IP addresses                   | 217.117.193.122   |   |
|   |   | Host name(s) and port numbers  | ctlmbessl.tpe.cetrel.lu   | 443   |
|    | Elavon/ Diners Club International             | IP addresses                   | Range: 193.173.53.64 to 193.173.53.127 included   |   |
|   |   | Host name(s) and port numbers  | oltp.ccvpay.nl  | 10000   |
|   | Elavon/ Diners Club International             | IP addresses                   | Range: 195.245.90.61 & 213.190.155.91   |   |
|   |   | Host name(s) and port numbers  | ipconex.elavon.com  | 7257  |
|  | Elavon For Atos Worldline (Banksys) terminals | IP addresses                   | Range: 193.58.80.0 to 193.58.87.255 included  |   |
|   |   | Host name(s) and port numbers  | euroconex.payment.banksys.be  | 25600   |
|   |   |                                |   |   |



\* Port numbers are in Decimal

|  |   |                               |   |   |
|--|---|-------------------------------|---|---|
|   | Elavon<br>For Atos<br>Worldline<br>(Banksys)<br>terminals | IP addresses                  | Range: 195.245.90.61 & 213.190.155.91           |   |
|  |   | Host name(s) and port numbers | ipconex.elavon.com                              | 7257  |
|   | Elavon<br>For other<br>terminals                          | IP addresses                  | 195.245.90.61 & 213.190.155.91                  |   |
|  |   | Host name(s) and port numbers | ipconex.elavon.com                              | 7257  |
|   | EMS   | IP addresses                  | Range: 193.173.53.64 to 193.173.53.127 included |   |
|  |   | Host name(s) and port numbers | oltp.ccvpay.nl                                  | 10000   |
|   | Europabank  | IP addresses                  | Please contact Europabank at +32 9 224 74 07    |   |
|  |   | Host name(s) and port numbers | cards.b202.europabank.be                        | Please contact Europabank<br>at +32 9 224 74 07 |
|   | Paysquare   | IP addresses                  | Range: 193.173.53.64 to 193.173.53.127 included |   |
|  |   | Host name(s) and port numbers | oltp.ccvpay.nl                                  | 10000   |
|  | European<br>Payment<br>Solutions                          | IP addresses                  | 77.60.75.187 and 188.201.20.11                  |   |
|  |   | Host name(s) and port numbers | har10.europaysol.eu                             | 10030   |

### 3. TSC SECURITY PROVIDERS' IP ADDRESSES

The table on the next page provides you with the IP hostnames and IP addresses + port numbers for a number of TSC Security Providers that requested EPCI to make this information available.


Please note that EPCI only relays this information accurately and that all responsibilities remain with the TSC Security Providers.

|   |                                  |              |   |       |
|---|----------------------------------|--------------|---|-------|
|  | Atos Worldline Security Provider | IP addresses | Range: 193.58.80.0 to 193.58.87.255 included    |       |
|   |                                  | Host name(s) | sp.payment.banksys.be                           | 5461  |
|  | CCV Security Provider            | IP addresses | Range: 193.173.53.64 to 193.173.53.127 included |       |
|   |                                  | Host name(s) | oltp.ccvpay.nl                                  | 11000 |

### 4. TERMINAL MANAGERS' IP ADDRESSES

The table on the next page provides you with the IP hostnames and IP addresses + port numbers for a number of terminal managers that requested EPCI to make this information available.

Please note that EPCI only relays this information accurately and that all responsibilities remain with the terminal managers.

|   |                                 |              |  |               |
|---|---------------------------------|--------------|--|---------------|
|  | Atos Worldline Terminal Manager | IP addresses | Range: 193.58.80.0 to 193.58.87.255 included     |               |
|   |                                 | Host name(s) | tams.payment.banksys.be<br>tm.payment.banksys.be | 16970<br>5452 |

No information available for other terminal managers.

## 5. CHANGE HISTORY

| Version | Date            |  |
|---------|-----------------|--|
| 1.1 (2) | 25 June 2010    | sodexo.payment.banksys.be added to Atos Worldline acquirer's range   |
| 1.1 (3) | 18 May 2011     | <ul style="list-style-type: none"><li>▪ Cetelem becomes BuyWay</li><li>▪ bccawl.payment.banksys.be added to Atos Worldline acquirer's range</li><li>▪ Additional ranges for Elavon and Elavon/ Diners Club International</li></ul> |
| 1.1 (4) | 29 July 2011    | <ul style="list-style-type: none"><li>▪ Additional URL and port number for American Express</li></ul>  |
| 1.1 (5) | 16 January 2012 | <ul style="list-style-type: none"><li>▪ Older URL and port number for American Express no longer active</li></ul>  |

Changes are indicated in red.