Smartlink – Network Diagrams & Firewall Configuration

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Product:
Smartlink

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Network Diagrams and Firewall Configuration

We do our very best to ensure your integration is a smooth, easy process, however we also require some assistance from you. We therefore ask that you ensure the following requirements are met;

- Administrator rights to the cash system allows the till integrator (application provider) to install the necessary software and corresponding components, such as libraries and drivers.
- Your POS system is not protected from installing new applications and there is a lack of restrictions to the appropriate external sources.
- POS systems are not restricted by certain firewall rules, and there are unobstructed connections in both directions, between till and terminal, as detailed on the table below.
- All devices are added to a MAC address table should one be in use at your site.

Firewall Rules

Source	Destination	URL/IP	Port	Purpose
Terminal	Till	Network Specific	5187	Printing
Till	Terminal	Network Specific	5188	DoTransaction
Till	Terminal	Network Specific	5189	GetPedState
Terminal	Till	Network Specific	5190	Events
Till	Terminal	Network Specific	5191	DoSettlement
Till	Terminal	Network Specific	5192	DoMobileTopUpSettlement
Merchant LAN	Elavon	INGeTMS.elavon.com	4001	Terminal Config updates
Merchant LAN	Elavon	ipconex.elavon.com	7601	Auths/Settlements
Terminal	Elavon	195.245.90.61	7282	Mobile Top Up – PrePaid Vouchers

MAC Address Tables

Should MAC address tables be in use at your site, the MAC addresses of all terminals will need to be included on the tables in advance of the installation. Additionally any replacement devices in the future will also require inclusion to the MAC Address table.

Confidential

Network Configuration

MERCHANT SITE

Allow OUTGOING connections to Terminal IP Address and ports: 5188, 5189, 5191, 5192

Allow INCOMMING connections to ports: 5187, 5190

Firewall

Elavon

Allow OUTGOING connections to INGeTMS.Elavon.com:4001 URL resolves to 193.155.119.53 and 195.245.90.103

Allow OUTGOING connections to ipconex.elavon.com:7601 URL resolves to: 193.155.119.61 195.245.90.61

Router