This article covers all whitelists for the Paladin database, network, and anti-virus, to employ when clients have their own managed services technician or group.

Paladin Whitelist

For internal communications between client's PCs and Paladin's database, open the following ports by running the following scripts in Command Prompt as Admin:

- Port 3050 (Firebird)

  o *netsh advfirewall firewall add rule name="Port 3050 tcp in" dir=in profile=domain,private,public action=allow protocol=TCP localport=3050*

- Port 8881 (Paladin Remoting port; communication between Paladin POS instances)

  o *netsh advfirewall firewall add rule name="PaladinPOS in" dir=in*

  o *profile=domain,private,public action=allow protocol=TCP localport=8881*

- Port 8882 (For Multi-Store Databases Only)

  o *netsh advfirewall firewall add rule name="PaladinPOS in" dir=in profile=domain,private,public action=allow protocol=TCP localport=8882*

- Port 9000 & 9001(For Integrated Credit Card Processing with WorldPay(TriPOS)). Only run these scripts on devices running credit card transactions.

  o *netsh advfirewall firewall add rule name="PaladinPOS in" dir=in profile=domain,private,public action=allow protocol=TCP localport=9000*

  o *netsh advfirewall firewall add rule name="PaladinPOS in" dir=in profile=domain,private,public action=allow protocol=TCP localport=9001*

Anti-Virus Whitelist

- *http://paladinpos.com/**
- *http://update2.paladinpos.com/**
- *http://*.paladinpos.com/**
- *https://*.paladinpos.com/**
- *https://*.paladinshop.com*

Malware Scan Exclusions

The following are malware scan exclusions:

- *C:\PaladinPOS*
- *C:\PaladinPOS*\WinPOS.exe*

- *C:\Program Files (x86)\FlameRobin\flamerobin.exe*

- *C:\Program Files\Firebird\Firebird_3_0\firebird.exe*

- *C:\Program Files\Firebird\Firebird_2_5\bin\fbserver.exe*

- *C:\Program Files\Firebird\Firebird_2_5\bin\fbguard.exe*

Required Network Ports and Content Filtering

The following are network ports:

- 21 (using FTPS)

  - Database backups

- 25 (SMTP)(standard)

  - For emailing invoices and statements to customers

- 53 (DNS)

  - If external DNS Server is used, otherwise only needed to the internal DNS Server

- 80 (HTTP)(standard)

  - For checking Paladin Server for Updates

  - Logging Errors to Paladin

- 443 (HTTPS)(standard)

  - For checking Paladin Server for updates

  - Paladin Shop data sync (eCommerce)

- 2102 (TCP/UDP)

  - Paladin Backups

    - Hourly (if applicable) and Nightly

- 4200 (TCP)

  - Mobile3 data analytics

- 4439 (TCP/UDP)

  - Paladin Support Data Analytics

- 5691 (TCP/UDP)

  - Paladin Cloud Storage

- 9000 & 9001 (TCP/UDP)

  - Integrated Credit Card Processing with WorldPay(TriPOS) only

The following are Content Filtering:

- *.paladinpos.com
- *.paladinshop.com