

# System Requirements

## IMM eSign plus

### Server Requirements

The server specifications presented here are to be used as a general minimum requirement and may differ based on factors such as your financial institution's size and volume of transactions. Please consult IMM support for your specific requirements. Specifications are subject to change without notice.

#### Hardware

- Intel Quad Core Xeon
- 4 Cores (or VCPUs for VMware) @ 2.6 GHz or higher (minimum configuration; 8 cores recommended)
- 16GB RAM recommended (Depending on the size of the institution, the RAM can be increased or decreased.)
- A backup mechanism
- A dedicated IMM eSign plus Server (staged for installation)
- Volume Partitions (Required)
  - C: At least 70GB of free space after the installation of the OS
  - E: 100GB, if you will allocate space one time.

#### Supported OS

- Windows Server 2012 R2, 2016, and 2019 (Standard)

#### Software

- .Net Framework 4.6.2 or later
- IIS

#### Virtual Environment (If Applicable)

- VMWare ESX host 5.0 or later
- MM VM must meet hardware and software specs above
- ESX host must have adequate resources for all VMs

### SQL Server Requirements (Physical or Virtual)

#### Software

- SQL Server Standard 2014 SP2, 2016 SP2, 2017, 2019
- For details, refer to Microsoft's SQL Server requirements and features.

### Workstation Requirements

#### Hardware

##### General

- Intel Dual Core 3.0GHz, 4GB RAM
- 20GB+ free disk space
- Video resolution 1280 x 960 minimum
- Connectivity to server (IMM eSign plus Server)

##### Signing Devices<sup>1,2,3</sup>

- Topaz LCD Signature Pads
- Touch-Capable Systems Windows Touch-Enabled Devices (Windows 10 Pro Tablet), iPad<sup>4,5</sup> (iOS 13 or newer), Wacom<sup>6</sup>, Topaz GemView<sup>6</sup>

##### Attachment Scanning

- ScanShell 3100D
- Canon P-215/P-215 II
- TWAIN scanner drivers are supported. Financial institutions are responsible for testing.

##### Supported Cameras<sup>7,8</sup>

- Microsoft Lifecam
- Windows 10 Built-In Cameras

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**Supported OS** • Windows 10 (Professional or Enterprise)

**Supported Web Browsers** • Internet Explorer 11.x  
• Firefox<sup>9</sup>  
• Google Chrome<sup>9</sup>

**Software** • Adobe Acrobat Reader is required for Internet Explorer 11.x. Refer to the Compatibility Chart: <https://www.immonline.com/adobe-reader-compatibility/>  
• For Firefox and Google Chrome, Adobe Acrobat Reader is not required.<sup>9</sup>

1. Refer to the In-Person Signature Device Order Form to purchase the latest supported Topaz and Wacom hardware: <https://www.immonline.com/portfolio-posts/sigpadorderform>
2. For Internet Explorer, only SigPlus is required. For Firefox and Google Chrome, install SigPlus and the Topaz SigPlusExtLite SDK. Then, install browser extensions. Refer to the Topaz SigPlusExtLite User Installation Guide: [https://www.topazsystems.com/software/SigPlusExtLite\\_UserInstall.pdf](https://www.topazsystems.com/software/SigPlusExtLite_UserInstall.pdf). For silent installations, refer to <https://www.topazsystems.com/silentinstallerform.html>
3. Refer to the Adobe Sign system requirements for details about remote signer requirements: <https://helpx.adobe.com/sign/system-requirements.html>
4. iPads must be configured and fully functional on the institution's network before use.
5. When using iPads, IMM eSign supports the "Mobile" experience.
6. Recommended for the best consumer experience. Not supported on Thin Client Configurations.
7. To use a camera with Chrome or Firefox web browsers, HTTPS is required.
8. Other cameras may work. Financial institutions are responsible for testing.
9. Consult your IMM representative to determine if there are any additional requirements for your integration.

### Supported Thin Client Configurations

**Citrix Virtual Apps and Desktops (XenApp and XenDesktop)** Server  
• Version 7 2003  
• Memory  
6–8 Users: 2 CPU, 8GB Memory  
10–12 Users: 4 CPU, 8–12GB Memory

Client  
• Via RDP: thick client or WYSE Terminal running Windows Embedded OS Terminals  
• Via Citrix Receiver: thick client or WYSE Terminal running Windows Embedded OS Terminals (Desktop sharing only)  
• Citrix Receiver on either thick client or XenDesktop device  
• Signatures supported with Citrix or Windows CDS (Citrix Device Service) only

**VMware Horizon (VDI)** • Server: VMware Horizon 7.12  
• Client: VMware Horizon on either thick client or a VMware Horizon device

**Remote Desktop Services** • Server: Windows Server 2012 R2, 2016, 2019 (64-Bit) host configured for Terminal Services  
• Client: Thick client via RDP or any WYSE device running Windows Embedded OS Terminals