

IMM eReceipts 8

Security Permissions and Exclusions

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IMM eReceipts Client

The following eReceipts client permissions and exclusions are required for users to run IMM eReceipts client applications. Permissions must be set on every workstation.

Permissions

This section addresses the permissions required for workstation registries, eReceipts client folders, and files. The default installation path of the IMM eReceipts folder is *C:\IMM\eReceiptsClient*.

Note: Due to folders and files being created at run-time, launch IMM eReceipts as an administrator at least once before setting the following folder and file permissions.

Static Workstation Folders and Files	User	Permissions Required
<IMM eReceipts Folder>	Users	List/Read/Execute <div style="border: 1px solid black; padding: 5px;"> <p>Note: The List/Read/Execute permissions are passed to all of the files and folders within the IMM eReceipts folder. The following permissions for certain folders and files noted in this table are in addition to the List/Read/Execute permissions that these objects inherit from the IMM eReceipts folder.</p> </div>
%InstallPath%\ws %InstallPath%\CustomFiles %InstallPath%\Process %InstallPath%\eReceiptClient.exe.config %InstallPath%\debug.log	Users	Modify/Write

Dynamic Workstation Folders and Files	User	Permissions Required
%InstallPath%\WS	Users	Modify/Write Note: The logged on user needs access to this folder, which is NOT set up by the installation program. The folder is created on the fly by certain IMM eReceipts processes. You must add these permissions to the Group Policy to ensure the folder has the correct rights when it is dynamically created.

Security Exclusions

This section addresses firewall, antivirus, antispyware, Windows Defender, Windows Search, security probes, and scanning exclusions.

Item	Item Type	Exclusion
%InstallPath%* BMP, CONFIG, INI, LOG, PDF, PNG, PAK, BIN, TXT, EXE, XML, DLL, DAT, MSI	File Types (Extensions), Full Directory Branch	Exclude from Antivirus, Antispyware, Windows Defender, and Windows Search
<Printer port> (default is 9101)	TCP Port	Exclude from Security Probes and Scanning
eReceipts Client	Executable (.exe)	Exclude from firewall outbound; allow access if prompted.

IMM eReceipts Server (Cloud)

This section addresses the permissions required on the IMM eReceipts server for cloud environments. The following permissions must be set for Agents folders and protocols. IMM recommends using the default installation path of the IMM eReceipts Agents folder: *E:\IMMeReceipts*.

<IMM eReceipts Server Folder>	User	Permissions Required
E:\IMMeReceipts\MemberImportAgent E:\IMMeReceipts\ArchiveAgent E:\IMMeReceipts\VerifastAgent	Administrator to install the services and the services will run under local system.	List/Read/Execute/Modify
Microsoft .NET Framework 4.7 and above is required	Administrator	Admin needs access to server manager to enable the framework.
Logs, PDFs, and Archive folders CONFIG, LOG files	Local system account or custom user	Modify Note: Modify allows users/accounts to read and write files and subfolders. Modify also allows deletion of the folder.

Protocols	User	Permissions Required
HTTPS (443) protocol	Agents Server	Allow

IMM eReceipts Server (On-Premise)

The following permissions and exclusions must be set on the IMM eReceipts server for on-premise environments.

Permissions

This section addresses the permissions required for server folders and protocols. The default installation path of the IMM eReceipts server folder is *E:\IMMeReceipts*.

<IMM eReceipts Server Folder>	User	Permissions Required
E:\IMMeReceipts\MemberImportAgent E:\IMMeReceipts\Websites E:\IMMeReceipts\ArchiveAgent E:\IMMeReceipts\VerifastAgent	Local system account	List/Read/Execute/Modify
E:\IMMeReceipts\CustomFiles	Local system account	Read
E:\IMMeReceipts\Archive E:\IMMeReceipts\MongoDB	Local system account	Modify
DLL, CONFIG, XML, MSI, PNG, JAVASCRIPT, MAP, WOFF, EOT, SVG, TRUETYPEFONT	Local system account	Modify
MongoDB	Network service account	Modify
Microsoft .NET Framework 4.7 and above is required	Administrator	Admin needs access to server manager to enable the framework.

Protocols	User	Permissions Required
Verifast portal (https:4083) TRSC portal (https:4082) Admin portal (https:4081) Teller portal (https:4040) Service Fabric (http:19080)	Agents Server	Allow inbound firewall rules for these ports .

Security Exclusions

This section addresses antivirus, antispyware, Windows Defender, and Windows Search exclusions.

Item	Item Type	Exclusion
eReceipts Server Installation Folder Location (e.g., C:\IMM)	Folder	Exclude from Antivirus, Antispyware, and Windows Defender Note: Exclusion is only required during installation.
E:\IMMeReceipts*	Full Directory Branch	Exclude from Antivirus, Antispyware, and Windows Defender
E:\IMMeReceipts\ BMP, CONFIG, INI, LOG, PDF, PNG, SQL, TX1, TXT, XML	File Types (Extensions), Full Directory Branch	Exclude from Antivirus, Antispy- ware, and Windows Defender
C:\ProgramData\SF	Folder	Exclude from Antivirus, Antispy- ware, Windows Defender

Firewall / Proxy Exclusions

This section addresses the security that sits between the clients and the IMM eReceipts server.

Note: Inserting a security appliance or software between the IMM eReceipts clients and the application servers can generate unpredictable and difficult-to-diagnose issues. IMM does not support this configuration. If you are going to implement this configuration, you will need to first establish a baseline for performance without this configuration enabled, and then enable it. Be prepared to do your own troubleshooting to determine how to configure the security such that the products still work.

Item	Item Type	Exclusions
IMM eReceipts Server (all connections from internal clients)	Server Name/URL	Exclude from Any Proxy

Thin Client Server

The following rights (additional to the workstation and server rights) are needed for users to run the IMM eReceipts client application in Citrix and MS Terminal servers.

Permissions are set on every Thin Client server. Make sure all normal workstation rights and exclusions are also in place for the server. The default installation path is *C:\IMM\eReceiptsClient*.

Workstation Folders	User	Permissions Required
SigOperations DLL Files	Current User	Write
%USERPROFILE%\windows\ %TEMP% USER environment variable: %MICRDEVFILE%	Current User	Full Control
HKEY_LOCAL_MACHINE\SOFTWARE\IMM\ HKEY_LOCAL_MACHINE\SOFTWARE\ Wow6432Node\IMM\	Users	eReceipts 8 does not use any registries.

Contact Support

Feel free to contact us with any issues or concerns.

Phone: 800.836.4750 Option 3 (8:30am - 10:30pm ET, Monday - Friday)

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