IMM eReceipts 7.1

Security Permissions and Antivirus Exclusions

IMM eReceipts Workstations

The following workstation 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, workstation folders and files, and Internet Explorer. The default installation path of the IMM eReceipts folder is *C:\TotaleReceipts.*

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.

Item	User	Permissions Required
Workstation Registry		
HKEY_LOCAL_MACHINE\SOFTWARE\IMM* HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\IMM*	Users	Full
Static Workstation Folders/Files		
<IMM eReceipts Folder>	Users	List/Read/Execute **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.**
%InstallPath%\Applog %InstallPath%\Appstart.exe.config %InstallPath%\DataProvider\DataProcessor-Processing %InstallPath%\DataProvider\ReceivedFiles %InstallPath%\DataProvider\Temp %InstallPath%\DataProvider\DataProcessor\PortSettings.xml %InstallPath%\Excella %InstallPath%\iMMUpdaterTemp %InstallPath%\Sigpad Images %InstallPath%\Templates [1] %InstallPath%\UpdaterService\1.1.0\ %InstallPath%\7.1.0\Signature Plugins %InstallPath%\7.1.0\Host Plugins %InstallPath%\7.1.0\Scanner Plugins %InstallPath%\7.1.0\UpdatesFolder.xml %InstallPath%\7.1.0\TeRLogo1.jpg %InstallPath%\7.1.0\TeRLogo2.jpg	Users	Modify/Write

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Item	User	Permissions Required
%InstallPath%\7.1.0\AlternateLogo.jpg [2]		
%WINDIR%*	Users	Read
%WINDIR%\Temp*	Users	Modify/Write
FocusXP.ini [1]	Users	Read
Dynamic Workstation Folders/Files		
Note: The logged on user needs access to the following folders and files, which are NOT set up by the installation program. They are created on the fly by certain IMM eReceipts processes. You must add these permissions to the Group Policy to ensure the folders have the correct rights when they are dynamically created.		
%InstallPath%\WS	Users	Modify/Write
Windows Services		
IMM Updater Service	Local System Account	Log on as local system account.
DataProviderService	Local System Account	Log on as local system account.

1. *XP2 clients only.*
2. *Spectrum clients only.*

Security Exclusions

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

File/Folders/Discussion	Item Type	Exclusion
<IMM eReceipts Folder>*	Full Directory Branch	Exclude from Windows Search
<IMM eReceipts Folder>\ImmUpdaterTemp**.*	Full Directory Branch, All Files and Sub-Folders	Exclude from Antivirus, Antispyware, and Windows Defender
<IMM eReceipts Folder>\DataProvider\DataProcessor-Processing**.* <IMM eReceipts Folder>\DataProvider\ReceivedFiles**.* <IMM eReceipts Folder>\DataProvider\Temp**.*	Full Directory Branch, All Files and Sub-Folders	Exclude from Antivirus, Antispyware, and Windows Defender
<IMM eReceipts Folder/Sub>\File exclusions: BMP, CONFIG, IMM, INI, LDF, LOG, MDF, PDF, PNG, SQL, TRC, TX1, TXT, XML	File Types (Extensions), Full Directory Branch	Exclude from Antivirus, Antispyware, Windows Defender, and Windows Search
<data provider port> *(default is 9100)* [1]	TCP Port	Exclude from Security Probes and Scanning

1. *If using the data provider on the local workstation.*

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IMM eReceipts Servers

The following permissions and exclusions must be set on the IMM eReceipts server.

Permissions

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

Item	User	Permissions Required
Server Folders		
<Inbox Share> *(for sites that put the client inbox on the server)* [1]	Users	Modify
<IMM eReceipts Server Folder>		
%InstallPath%\Ter6\AppLog %InstallPath%\Receipt %InstallPath%\TeRUpdatesWebSite %InstallPath%\Ter6\bin\TeRServerSettings.config %InstallPath%\Ter6\bin\ TeRClientSettingsManager.exe.config %InstallPath%\Ter6\ConfigFile *(multiple files)*	Network Service Account	List/Read/Execute/ Special Permissions
%InstallPath%\Ter6\bin\TeR6SVC.exe %InstallPath%\Ter6\EmailReceipts	Local System Account	List/Read/Execute/ Special Permissions
C:\Windows\Microsoft.NET\Framework\v4.0.30319\ Temporary ASP.NET Files	Network Service Account	List/Read/Execute/ Special Permissions **Note:** If a non-administrator user installs the server, Write permissions must be given to that user.
Protocols		
ICMP (Ping) HTTP (TCP Port 80)	Workstation Server	Allow

1. *In thin-client mode only.*

Security Exclusions

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

File/Folders/Discussion	Item Type	Exclusion
<IMM eReceipts Server>	Full Server	Disable Windows Search
<IMM eReceipts Server Folder>\Receipt*	Full Directory Branch	Exclude from Antivirus, Antispyware, and Windows Defender
<IMM eReceipts Server Folder>\ BMP, CONFIG, IMM, INI, LDF, LOG, MDF, PDF, PNG, SQL, TRC, TX1, TXT, XML	File Types (Extensions), Full Directory Branch	Exclude from Antivirus, Antispyware, and Windows Defender

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IMM eSign

Firewall / Proxy Exclusions

This section addresses the security that sits between the clients and the IMM eReceipts server. **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 and if you are going to implement it, you will need to first establish a baseline for performance without it, then enable it and be prepared to do your own troubleshooting to determine how to configure the security such that our products still work.**

File/Folders/Discussion	Item Type	Exclusion
IMM eReceipts Server *(all connections from internal clients)*	Server Name/URL	Exclude from Any Proxy

Thin Client Server Specific

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:\TotaleReceipts*.

Permissions

Item	User	Permissions Required
Workstation Folders		
%USERPROFILE%\windows* %TEMP% USER environment variable: %MICRDEVFILE% [1]	Current User	Full Control
%InstallPath%\7.1.0\Scanner Plugins %InstallPath%\7.1.0\Host Plugins %InstallPath%\7.1.0\Signature Plugins	Users	Modify/Write
IMM eReceipts Server Folders		
<Inbox Share> <Log Share>	Users	Modify/Write
Ports		
<data provider ports> *(all of them)* [2]	TCP Port	Excluded from Security Probes and Scanning

1. *With MagTek scanners only.*
2. *These exclusions will be wherever you are running the data provider, for all ports it listens on.*