



MX Client – Readme

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System Requirements

- **NOTE: MX Client must be launched with administrator level system permissions.** On Windows XP systems this most commonly means launching and using the software while logged on as a user member of the administrators group. **On Windows Vista and Windows 7 systems, the software must be launched with the ‘Run as administrator’ feature, regardless of the membership of the logged on user ([more information](#)).**
- MX Client software installation must be executed with administrator level system permissions. Most commonly this means installing the software while logged on to a Windows system with a user account member of the administrators group.
- MX Client should be installed to the default folder path suggested during the setup process, normally *C:\Program Files\EDI GatewayMXClient*. An alternate folder path must not have a depth of more than four folders, and must not contain an overly large number of total characters.
- Microsoft® Windows® 7, Windows Vista®, Windows® XP. Installation supported under 32 bit and 64 bit versions of Windows 7 and Windows Vista operating systems.
- 150 MB available hard drive space.
- 1 GB system memory (RAM) or more on Windows 7 and Windows Vista, 512 MB or more on Windows XP.



- Desktop resolution of 1024 x 768 or greater, with DPI/Font size set to 'normal' (certain elements of the MX Client software user interface may be difficult to read when 'large' DPI/Font size selected for the Windows desktop).
- High speed, persistent internet connection ([more information](#)).
- Laser or inkjet printer for document and report printing.
- Laser or thermal transfer printer for shipping label output ([more information](#)).
- Network environment allowing for communication over network port 45211 ([more information](#)).

More Information

Internet Connection

MX Client uses an internet connection to both log on to EDI Gateway data servers and to send and receive documents. Many users interact with large numbers of documents. Users are therefore strongly recommended to use a high speed, persistent internet connection.

Network

The MX Client software communicates with EDI Gateway servers over network TCP port 45211. Most often, a company's network firewall will not restrict outbound traffic over TCP port 45211. In some cases, a company's firewall settings may be more restrictive, blocking all ports except a select few. In these cases the company's network administrator will need to enable outbound traffic over TCP port 45211 through the firewall.

Printing

Documents and reports may be printed from MX Client to laser or inkjet printers. For MH-10 shipping label output, a laser or thermal transfer printer is required, as shipping label barcodes must be of sufficient quality to be scanned properly by barcode readers.

Note: For best results, the printer used with MX Client should be selected as the system default printer.

System Permissions

The MX Client software requires administrator level system permissions to both install and operate/run properly. For each Windows operating system, the steps needed to execute the MX Client software with appropriate system permissions vary.

MX Client on Windows 7 and Windows Vista

Those using MX Client installed on a Windows 7 or Windows Vista system will need to launch the software with the '*Run as administrator*' command, regardless of whether the system is logged on to as a user with administrator permissions or not. On the Windows 7 and Windows Vista operating systems, administrator level permissions are not applied by default when a software application is launched.

To grant the MX Client software administrator permissions while operating:

- Right mouse button click the MX Client desktop icon and choose '*Properties*'.



- Select the '*Compatibility*' tab. In the '*Privilege Level*' section, select '*Run this program as an administrator*', providing the user name and password of a user account with administrator permissions (if requested).
- Click *OK*. When launched, the MX Client software will now be granted administrator level permissions.

MX Client on Windows XP

Those using MX Client on Windows XP may either:

- A) Log on to the system as a user member of the local administrators group (preferred method) or,
- B) While logged on as a user without administrator permissions, launch the MX Client software using the '*Run as...*' command (right mouse button click), providing the user name and password of a user account with administrator permissions.

MX Client on Windows 2000

Installation of the MX Client software is no longer supported on the Windows 2000 operating system.

Advanced Actions

Customizing system permissions

EDI Gateway states the MX Client application requires administrator permissions to run correctly. Installing and running MX Client under a user account with administrator level system permissions is the most direct method of using the software. On Windows Vista and Windows 7 systems, one must use the '*Run as administrator*' feature, regardless of what kind of user is logged on to the system.

If one truly does not want to grant a user account administrator level system permissions, one may undertake to customize certain system permissions to enable MX Client to function.

Note: The following system permission modifications should only be applied by the individual(s) responsible for administering the computer workstation on which MX Client is installed.

The specific administrator/elevated permissions required by MX Client on a system are:

- The MX Client software requires a user to have full permissions on the folder the software has been installed to (grant '*Full Control*' permissions to members of the '*Users*' group). On x86 systems the default install location is "C:\Program Files\EDI Gateway**MXClient**". On x64 systems the default location is "C:\Program Files (x86)\EDI Gateway**MXClient**".
- The MX Client software uses the Borland Database Engine (BDE) for data interaction. BDE is installed along with MX Client during initial software setup. BDE requires full permissions on folder "C:\[Program Files | Program Files (x86)]\Common Files**Borland Shared**" (grant '*Full Control*' permissions to members of the '*Users*' group).
- The Borland Database Engine requires write permissions on registry key:
For x86 systems, HKLM\SOFTWARE**Borland**



For x64 systems, HKLM\SOFTWARE Wow6432Node\Borland (grant 'Full Control' permissions to members of the 'Users' group).

- The MX Client software and Borland Database Engine need to write to file "PDOXUSRS.NET", stored in the "C:\Program Files\EDI Gateway\MXClient" folder and in some cases in the root of the C drive, "C:\". Modifying the permissions on folder "MXClient" (as described above) will allow the "PDOXUSRS.NET" file in that location to be written to, but extra steps need to be taken for the file in "C:\". While logged on to the workstation as a user with administrator permissions, launch the MX Client software and log in. The "PDOXUSRS.NET" file will be created in the "C:\Program Files\EDI Gateway\MXClient" folder. Close the MX Client software. In Windows Explorer, navigate to the "C:\Program Files\EDI Gateway\MXClient" folder and COPY the "PDOXUSRS.NET" file. Then, navigate to "C:\" and PASTE the "PDOXUSRS.NET" file. Finally, modify the security properties of the "PDOXUSRS.NET" file in "C:\" (the file only, not the entire C:\ drive), granting 'Full Control' permissions to members of the 'Users' group.

MX Client Best Practices

Document retention

As one uses the MX Client software, documents will tend to accumulate in the 'Inbox' and 'Sent' boxes. One should strive to keep only active or recently active documents in those boxes. Once documents are no longer active or recently active they may be moved to 'Archive' folders.

The 'Archive' folders are there to store a limited number of documents only. Those folders are not meant to be used to store all MX Client transactional history. The actual number of documents that should be kept in the 'Archive' folders will depend on the nature of the documents. Many 'light' documents (e.g. relatively simple POs and ASNs not containing large numbers of items, boxes, stores, etc.) can be kept in the 'Archive' folders, but fewer 'heavy' documents (e.g. ASNs containing hundreds or thousands of rows of information) can be kept.

Generally, avoid storing large numbers of documents in any of the MX Client document folders, including 'Archives'. When an older document is needed, for reference purposes for example, retrieve the document from the EDI Gateway document servers. All documents that *have been processed* (POs, *sent* ASNs, etc.) may be accessed and retrieved from EDI Gateway document servers at will, for a period of one year.

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