

## Evolution System Requirements

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For further information or any other queries regarding the Hardware & Software Requirements, please contact the Medtech Helpdesk on 09 358 0116 à Option 1, or email [nzsupport@medtechglobal.com](mailto:nzsupport@medtechglobal.com).

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## Client/Server System Requirements

Below is a list of the minimum and recommended system requirements for an ideal Medtech Evolution Client/Server environment. The following requirements assumed both the Server and the Workstations will not be running any other applications or services other than Medtech Evolution.

Depending on the volume of transactions and the amount of digital images (such as scanned documents and digital camera photos) that need to be processed, as well as factors such as what other third-party applications or services are running on the computers (such as antivirus and backup software), the exact system requirements could vary.

If in doubt, please consult a Medtech Certified Engineer prior to purchasing any new computing equipment.

System Requirements	Minimum	Recommended
Server Requirements with up to 5 Workstations	Core2Duo 2.5 Ghz CPU or Equivalent.	i5 CPU or Equivalent.
	4 GB DDR2 RAM	8 GB DDR3 RAM
	250 GB SATA 7200 RPM HDD	500 GB SATA 10000 RPM HDD
	Standard UPS	Standard UPS
	Windows 2008 standard server	Windows 2008 R2 Standard Server or Windows 2012 Standard Server



## Client/Server System Requirements

System Requirements	Minimum	Recommended
Server Requirements with up to 10 Workstations	i5 CPU or Equivalent.	i5 CPU or Equivalent.
	8 GB DDR2 RAM.	16 GB DDR3 RAM.
	2x250 GB SATA2 7200 RPM HDD on RAID1.	2x500 GB SATA2 10000 RPM HDD on RAID5.
	Standard UPS.	Smart UPS with Serial or USB Interface.
	Windows 2008 standard server	Windows 2008 R2 Standard Server or Windows 2012 Standard Server
Server Requirements with up to 25 Workstations	Dual Core Intel Xeon CPU or Equivalent	Quad Core Intel Xeon CPU and Equivalent or Moret
	8 GB DDR3 RAM	16 GB DDR3 RAM
	Standard UPS	Standard UPS
	2 x 400 GB SCSI11 or 1TB SATA 1 7200 RPM HDD on RAID 1	4 x 400 GB SCSI11 or 2 x 1TB GB SATA2 10000 RPM HDD on RAID5
	Windows 2008 standard server	Windows 2008 R2 Standard Server or Windows 2012 Standard Server



## Client/Server System Requirements

System Requirements	Minimum	Recommended
Server Requirements with up to 50 Workstations	Dual Core Intel Xeon CPU or Equivalent	Quad Core Intel Xeon CPU and Equivalent or More
	16 GB DDR3 RAM	32 GB DDR3 RAM
	Smart UPS with USB Interface	Smart UPS with USB Interface
	4 x 250 GB SCSI1 or 1 TB SATA 1 7200 RPM HDD on RAID 1	4 x 400 GB SCSI1 or 2 x 1TB SATA2 10000 RPM HDD on RAID5
	Windows 2008 standard server	Windows 2008 R2 Standard Server or Windows 2012 Standard Server
Additional Server Requirements	Deploy 2 x physical hard disk drives or RAID disk sets to separate the following functions: 1. Windows OS, Services, Applications, Virtual Memory, and System. 2. Database Files	Deploy 3 x physical hard disk drives or RAID disk sets to separate the following functions: 1. Windows OS, Services, Applications, and Virtual Memory, and system. 2. Database Files
	CD or DVD Optical Drive (for Medtech Evolution installation and updates).	CD or DVD Optical Drive. (for Medtech Evolution installation and updates).
	Tape or DVDRW or External Hard Disk Drive (for removable off-site data backup)	Tape or DVDRW or External Hard Disk Drive (for removable off-site data backup)



## Client/Server System Requirements

Additional Server Requirements	Gigabit Ethernet NIC (running TCP/IP protocol only).	Gigabit Ethernet NIC (running TCP/IP protocol only).
	Dial-up Internet Connection with Antivirus & Firewall Protection (if running ACC45 Electronic Forms, Web Forms, ManageMyHealth™ Portal/SMS, or HealthLink).	Broadband Internet Connection with Antivirus & Firewall Protection (if running ACC45 Electronic Forms, Web Forms, ManageMyHealth™ Portal/SMS, or HealthLink).
Workstation Requirements	Core2Duo Pentium 2 Ghz CPU or Equivalent.	Pentium i3 CPU and more or Equivalent.
	3GB DDR2 RAM.	4GB DDR3 RAM.
	120 GB ATA100 or SATA1 7200 RPM HDD.	250GB SATA2 7200 RPM HDD.
	Standard UPS	Standard UPS.
	Windows 7 Professional.	Windows 7 Professional or Windows 8 Pro/Enterprise (Supported 100 DPI only).
	Dial-up Internet Connection with Antivirus & Firewall Protection (if running ACC45 Electronic Forms, Web Forms, ManageMyHealth™ Portal/SMS, or HealthLink).	Broadband Internet Connection with Antivirus & Firewall Protection (if running ACC45 Electronic Forms, Web Forms, ManageMyHealth™ Portal/SMS, or HealthLink).



## Terminal Server System Requirements

Please refer the attachment for a list of the minimum and recommended system requirements for an ideal Medtech Evolution Terminal Server environment. The following requirements assumed both the Server and the Workstations will not be running any other applications or services other than Medtech.

Operating System	Database	Processor	Minimum Memory Requirements					Hard Disk Requirements				
			TS Users 1-5	TS Users 6-10	TS Users 11-50	TS Users 51-100	TS Users 101-200	TS Users 1-5	TS Users 6-10	TS Users 11-50	TS Users 51-100	TS Users 101-200
Windows Server 2012	SQL Server 2008	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	SQL Server 2008 R2	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	SQL Server 2012 (32 / 64 bit) Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
Windows Server 2008 R2	SQL Server 2008	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	SQL Server 2008 R2	Itanium	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	SQL Server 2012 (32 / 64 bit) Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
Windows Server 2008	SQL Server 2008	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	SQL Server 2008 R2	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	Standard	Intel or AMD	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB
	SQL Server 2012 (32 bit) Standard	Itanium	8 GB	8 GB	16 GB	32 GB	64 GB	120 GB	120 GB	250 GB	500 GB	500 GB



## Network Requirements

Network Requirements	Type	Recommended
Network Bandwidth Requirements	Server Segment	1Gbps Gigabit Ethernet.
	Client Segment	100Mbps Fast Ethernet.
	Backbone	1Gbps Gigabit Ethernet.
	WAN	Secured Virtual Private Network via public network or Dedicated private network.
	Internet	Broadband Internet, with proper security measures such as Antivirus & Firewall Protection.
Network Device Requirements	Network Interface Card	For small networks: -Unmanaged. For medium to large networks: -SNMP compatible.
	Layer 1 Device or Hub-less configuration (NOT recommended)	NOT recommended: -Layer 1 Hub. -Cross-over cabling.
	Layer 2 Device	For small networks: -Unmanaged Layer 2 Switch. For medium to large networks: -Managed Layer 2 Switch with SNMP support.





## Network Requirements

Network Requirements	Type	Recommended
Network Bandwidth Requirements	Layer 3 Device	As required to isolate Medtech Evolution segment from other LAN/WAN segments.
Network Cabling Requirements	Cable Type	Unshielded Twisted Pair (UTP) Category 5e or Category 6 certified.
	Connector Type	Registered Jack RJ45.
	Certification	All cabling segments tested and certified for TIA/EIA-568-B standard.
Firewall / Proxy Requirements	ACC45 Electronic Forms	Allow HTTP on Internet for: -emgweb.acc.org.nz Allow HTTPS on Internet for: -emg.acc.co.nz
	ManageMyHealth™ Portal	Allow HTTP and HTTPS on Internet for: - managemyhealth.co.nz
	ManageMyHealth™ SMS	Allow HTTP on Internet for: - sms.managemyhealth.co.nz



## Network Requirements

Network Requirements	Type	Recommended
Firewall / Proxy Requirements	Web Forms	<p>Allow HTTP on internal LAN/WAN for:</p> <ul style="list-style-type: none"> <li>- Web Forms Engine Default = servername:8080 i.e. ServerName:Port for Apache Tomcat, which is installed by default with ConnectedCare™.</li> <li>- MT SOAP Service Default = servername:7080 i.e. ServerName:Port for built-in SOAP Service, which is installed by default with Medtech Evolution.</li> <li>- Messaging Gateway Default = servername:5099 i.e. ServerName:Port for HealthLink Quantum – please contact HealthLink for further information.</li> </ul>



## Printing Requirements

Printer Requirements	Type	Recommended
Printer Requirements	Driver Compatibility	Windows Driver Model (WDM) compatible.
	Driver Language	Recommended: - Printer Command Language 5 (PCL 5) - PostScript (PS). - Printer Command Language 6 (PCL 6) NOT Recommended: - Other manufacturer proprietary languages.
	Paper Size	MUST be capable of handling both A4 and A5
	Manual Feed (optional)	For printing pre-formatted forms and letterheads if required
	Multiple-Trays (optional)	For handling different paper types and paper sizes without manually changing/feeding paper if required
	Label Printing (optional)	For printing laboratory, medication and mail merge labels if required



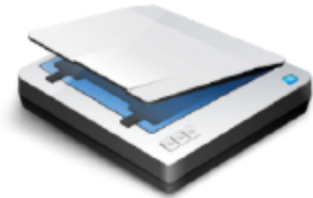
## Printing Requirements

Printer Requirements	Type	Recommended
Recommended Printer Models	Recommended (general)	Any Hewlett Packard LaserJet printers.
	Recommended (label)	Dymo 400 Series Label printers.
	NOT Recommended	All-in-one multifunction printers not using PCL5/PCL6 and Twain version 2.3
	Kyocera Incompatibility	It has been reported Kyocera printers may cause intermittent illegible document printouts from Medtech Evolution. Hence Install PCL5/PCL6 and Twain driver2.3



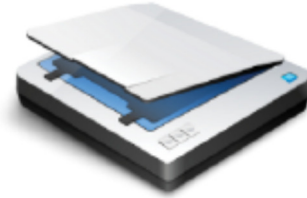
## Printer Deployment Considerations

- It has been reported many all-in-one multifunction devices could cause compatibility issues when printing within Medtech Evolution. If in doubt, please consult a Medtech Certified Engineer to perform proper testing prior to deploying any printers.
- If the practice will be printing on both A4 and A5 papers, then two separate instances of the printer will need to be installed and configured for each paper size.
- When configuring multiple-trays printers in Windows, aside from installing one instance of the printer for each paper size, you will also need to INACTIVATE or DISABLE or make NOT AVAILABLE the unused trays. Any auto-tray-select features will also need to be DISABLED.
- Network Printers with their own IP Addresses will need to be installed as LOCAL printers on the workstations to work efficiently with Medtech Evolution.
- Remote printers will also need to be installed as LOCAL printers on the Terminal Services Server for these printers to work properly in Terminal Services Client sessions. The Microsoft Terminal Service Print driver will need to be disabled on the Terminal server on the Local GPO.  
[http://technet.microsoft.com/en-us/library/cc753853\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc753853(v=ws.10).aspx)  
ComputerConfiguration\AdministrativeTemplates\WindowsComponents\TerminalServices\Terminal Server\Printer Redirection.
- Where Windows 2008 is installed, ensure Automatic Search for Network Printers and Folders has been DISABLED as a policy.
- "Automatic" Client Printer Mappings should be disabled in Terminal Services Client sessions. Instead, "Static" Server Printer Mappings should be created via Windows logon scripts.
- Even though no users will be logging onto the Medtech Evolution Server, a dummy printer MUST be installed on the Server for Medtech Evolution to function properly. E.g. Cute pdf, Ms XPS
- All printer names, driver names, and port names MUST conform to the Medtech Evolution naming convention, i.e. less than 64 characters in length, and avoid using spaces and symbols like \ / : \* ? " < > | in the names.
- **NOTE:** Please consult a Medtech Certified Engineer to perform proper testing prior to deploying any Kyocera printers.



## Scanning and Digital Imaging Requirements

Printer Requirements	Type	Recommended
Scanner / Digital Camera Requirements	Driver Compatibility	MUST be TWAIN 2.3 compatible.
	Image Format Compatibility	Scanning Module Support: - TIFF - TWAIN2.3 Drawing Tool Support: - BMP - GIF - JPEG - TIFF - TWAIN2.3
	Paper Size	Capable of handling A4
	Automatic Document Feeder (optional)	For scanning multiple documents if required
Recommended Scanner Models	Recommended	- Canon DR-2050C or DR-2580C - Kodak I30 or I40
	NOT Recommended	Any all-in-one multifunction printers.
Recommended Digital Camera Models	Recommended	- Canon PowerShot A200
	NOT Recommended	Any non TWAIN compatible cameras



## Scanning and Digital Imaging Requirements

**Medtech Evolution has been FULLY tested with the following scanners:**

Please contact Medtech Sales for further information on 0800 2633 832.

### **Canon DR-2050C/2580C (Recommended)**

- It allows for easy setup and integration (TWAIN2.3 compatible).
- Scans up to 20/25 pages per minute or 38/50 images per minute.
- Built-in Automatic Document Feeder – allows scanning up to 5mm stack or 50 sheets of 80 gsm A4 paper in one go.
- Hi-Speed USB 2.0 interface (cable included).
- Fits in any work space – small and compact design.

### **Kodak i30/i40 (Recommended)**

- It allows for easy setup and integration (TWAIN2.3 compatible).
- Scans up to 25 pages per minute or 50 images per minute.
- Built-in Automatic Document Feeder – allows scanning up to 50 sheets of 75 gsm A4 paper in one go.
- Single/Dual CCD scanning technology.
- Hi-Speed USB 2.0 interface (card and cable included).
- Fits in any work space – small and compact design.



## Scanner and Digital Camera Deployment Considerations

- Medtech Evolution can only interface with TWAIN2.3 compliant scanners and digital cameras. Aside from the recommended scanner and digital camera models listed above, Medtech CANNOT guarantee other brands or models can be fully integrated with Medtech Evolution.  
**NOTE:** If in doubt, please consult a Medtech Certified Engineer to perform proper testing prior to deploying any scanners or digital cameras.
- It has been reported many all-in-one multifunction devices could cause compatibility issues or could limit scanning functionalities when scanning within Medtech Evolution – this is especially the case with the low-end models.
- It is NOT recommended to enable TWAIN GUI Mode – i.e. scanning via the GUI (graphical user interface) of the TWAIN2.3 compatible driver/software supplied by the scanner's manufacturer – unless your scanner does not function properly when scanning directly into Medtech Evolution.
- Network scanners should be installed as LOCAL scanners, i.e. TWAIN2.3 driver is locally detectable for Medtech Evolution Scanning to work.
- Scanning via Citrix and Terminal Services sessions is not supported, except for the latest version of Citrix Metraframe Presentation Server 4.x.
- When scanning multi-paged documents via the scanner's ADF (automatic document feeder), you can add a blank piece of paper between each document – the blank page will be detected as a separator and Medtech Evolution will automatically create a new Inbox record.  
**NOTE:** The blank page should ALWAYS be of the maximum paper size that your scanner supports in order for this feature to work properly.
- Duplex scanning is not supported unless all pages to be scanned within the same document have information printed on both sides, as any blank front or back page will be detected as a document separator.





## 32-Bit/64-Bit Operating System Support

Supported 32-Bit/ 64 Bit Server Operating Systems	Windows 2008 Standard Server (32-bit , 64-bit) Windows 2008 Enterprise Server (32-bit , 64-bit) Windows 2008 R2 Standard Server (32-bit , 64-bit) Windows 2008 R2 Enterprise Server (32-bit , 64-bit) Windows 2012 Standard (Supported 100 DPI only)
Supported 32-Bit/ 64 bit Workstation Operating Systems	Windows 7 Professional Edition (32-bit , 64-bit) Windows 7 Ultimate Edition (32-bit , 64-bit) Windows 7 Enterprise Edition (32-bit , 64-bit) Windows 8 Pro (Supported 100 DPI only) Windows 8 Enterprise (Supported 100 DPI only) Windows 8 Ultimate Edition (32-bit , 64-bit)



## 32-Bit/64-Bit Operating System Support

<p>Non Supported 32-Bit/ 64- Bit Server Operating Systems</p>	<p>Windows NT 3.51 Server or earlier Windows NT 4.0 Server Windows 2000 Server Windows 2000 Advanced Server Windows 2000 Datacenter Server Windows 2000 Small Business Server Windows 2003 Compute Cluster Server Windows 2003 Datacenter Server Windows 2003 Storage Server Windows 2003 Web Server Windows 2003 Small Business Server Windows 2003 Standard Server (32-bit) Windows 2003 Enterprise Server (32-bit) Windows 2008 Datacenter Server Windows 2008 HPC Server Windows 2008 Server for Itanium-Based Systems Windows 2008 Storage Server Windows 2008 Web Server Windows 2008 R2 Datacenter Server Windows 2011 small business server Windows 8 Home (Supported 100 DPI only) Windows Home Server Any non-Windows OS</p>
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**Note:** Medtech Evolution DOES NOT support the above versions of Microsoft Windows. Although it might be possible to run Medtech Evolution on these operating systems, Medtech WILL NOT be able to provide support if a practice encounters problems while running on these Windows versions.



## Non Supported Operating Systems

Non Supported 32-Bit/64-Bit Workstation Operating Systems	Windows 95 or earlier Windows 98 Windows Millennium Edition Windows NT 3.51 Workstation or earlier Windows NT 4.0 Workstation Windows 2000 Professional Windows XP Embedded Edition Windows XP Home Edition Windows XP Media Centre Edition Windows XP Starter Edition Windows XP Tablet PC Edition Windows Fundamentals for Legacy PCs Windows Vista Starter Edition Windows Vista Home Basic Edition Windows Vista Home Premium Edition Windows 7 Starter Edition Windows 7 Home Basic Edition Windows 7 Home Premium Edition Windows 8 Home Edition Any non-Windows OS
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**Note:** Microsoft Windows XP support will be stopped after April 2014. Reference: <http://windows.microsoft.com/en-IN/windows/end-support-help> Medtech will continue to support Medtech Evolution related issues but not issues related to Windows XP

## Macintosh Operating Systems Support

Medtech DOES NOT recommend deploying Medtech Evolution on any Macintosh computers that run Windows operating systems – regardless of whether Windows is running in emulation mode on a Motorola-based MAC, or in emulation or native mode on an Intel-based MAC.

**WARNING:** Although it might be possible to run Medtech Evolution on Macintosh computers, Medtech WILL NOT be able to provide support if a practice encounters problems while running on any MAC machines.

## Virtualization Operating Systems Support

System Requirements	Minimum	Recommended
Server Requirements with up to 10 - 50 Workstations	Quad-Core Xeon 2.0GHz CPU or Equivalent	Six-Core 3 GHz CPU or Equivalent
	4GB DDR3 ECC RAM	16GB DDR3 RAM
	3 x 250GB SCSI320 or SAS15000 RPM HDD on RAID5	3 x 500GB SCSI320 or SAS 10000 RPM HDD on RAID5
	Smart UPS with Serial or USB Interface + Redundant Power Supply	Smart UPS with Serial or USB Interface + Redundant Power Supply
	Windows 2008 Enterprise Server	Windows 2008 R2 Enterprise/2012 Standard Server
Server Requirements with up to 50 – 150+ Workstations	Quad Core CPU or Higher	Eight-Core CPU or Higher
	16GB DDR2 RAM	32GB DDR3 RAM
	3 x 500 GB SCS or SAS10000 RPM HDD on RAID5	3 x 500GB SCS or SAS15000 RPM HDD on RAID5
	Smart UPS with Serial or USB Interface + Redundant Power Supply	Smart UPS with Serial or USB Interface + Redundant Power Supply
	Windows 2008 R2 Enterprise Server	Windows 2012 Standard Server



## Server Deployment Considerations

- Due to performance issues, it is NOT recommended to install SQL server and Medtech Evolution on ANY server (Small Business Server or otherwise) that is utilised by other resource-hungry functions, such as Domain Controller, Domain Name System (DNS), Windows Internet Naming Service (WINS), Dynamic Host Configuration Protocol (DHCP), Exchange, Internet Information Services (IIS), Internet Security and Acceleration (ISA), SharePoint Services, etc. Instead, a DEDICATED server should be allocated to serve SQL and Medtech Evolution requests ONLY. **NOTE:** If this cannot be avoided, please consult with a Medtech Certified Engineer to perform proper load testing PRIOR to deployment.
- Due to compatibility issues, it is NOT recommended to install ANY OTHER Database Management System (DBMS) on the SQL Server, such as Firebird, Informix, Oracle, Sysbase, etc. **NOTE:** If this cannot be avoided, please consult with a Medtech Certified Engineer to perform proper compatibility testing PRIOR to deployment.
- Due to performance and compatibility issues, it is recommended by Embarcadero, NOT to install SQL Server (and therefore Medtech Evolution) on ANY Citrix or Terminal Server. Instead, a DEDICATED Citrix or Terminal Server should be setup as an SQL Server and Medtech Evolution Client to serve Citrix or Terminal Client sessions. **NOTE:** If this cannot be avoided, please consult with a Medtech Certified Engineer to perform proper load and compatibility testing PRIOR to deployment.
- Medtech Evolution directory monitoring utilities such as NIR Directory Monitor, Scanning Directory Monitor, and Generic Directory Monitor are NOT compatible with Citrix or Terminal Server environment. Instead, these utilities should be setup to run on individual workstations as required.
- Medtech Evolution Scheduler is NOT compatible with Citrix or Terminal Server environment. Instead, Windows Scheduled Tasks should be configured to run Medtech Evolution utilities such as Message Transfer, NIR Message Transfer, ManageMyHealth™ Message Transfer, and ManageMyHealth™ SMS.
- Medtech Evolution relies heavily on accurate timestamp to function properly. It is CRITICAL to ensure Regional and Language Options are set to English (New Zealand) on ALL computers, and time synchronization is set to run automatically on ALL computers across the whole internal LAN/WAN.



## Client Deployment Considerations

- If the workstations fall below the minimum hardware requirements (please refer to the "Workstation Requirements" section above), it is recommended to use Citrix or Terminal Server to deploy Medtech Evolution.
- Microsoft Terminal Services and/or Citrix Presentation Server together with Virtual Private Networking (VPN) is a proven solution in providing remote access to your Medtech Evolution clients and in deploying Medtech Evolution on multi-sites practices.
- Running any applications (such as Medtech Evolution) under Microsoft Terminal Services could result in slower program response as compared to the recommended Client/Server setup. The response time is dependent on the Terminal Server's hardware specifications.
- In Citrix, "Client Clip Board Mapping" should be DISABLED as a policy for all client sessions that require access to Medtech Evolution, in order to ensure Medtech Evolution Outbox Wizard will function properly.
- In Terminal Services, if the connection is a "Thin Client" (e.g. a terminal with Windows CE or similar Thin Client operating system) AND is using a Remote Desktop Connection, "Clipboard mapping" should be ENABLED as a policy for all client sessions that require access to Medtech Evolution, in order to ensure Medtech Evolution Outbox Wizard will function properly.
- Where Windows 7 and above is installed, ensure "Password Protected Sharing" has been ENABLED as a policy.
- Where Windows 7 and above is installed, ensure "User Account Control" (UAC) has been DISABLED as a policy.
- Windows Display Properties MUST be set to a minimum resolution of 1366 x 768 pixels.
- Medtech Evolution relies heavily on accurate timestamp to function properly. It is CRITICAL to ensure Regional and Language Options are set to English (New Zealand) on ALL computers, and time synchronization is set to run automatically on ALL computers across the whole internal LAN/WAN.

## Database Requirements

- MS SQL Server - Standard/Express Edition – Version 2008 / 2008 R2
- MS SQL Server – Standard/Express Edition – Version 2012



## **ManageMyHealth™ Deployment Considerations**

### **ManageMyHealth™ Portal Integration**

In order to utilise the new ManageMyHealth™ Portal features, your practice MUST first apply for a Portal Account with Medtech.

Please refer to the "Additional Server Requirements" and "Firewall / Proxy Requirements" sections above for connection requirements.

Please contact Medtech Sales for further information on 0800 2633 832.

### **ManageMyHealth™ SMS Integration**

In order to utilise the new ManageMyHealth™ SMS features, your practice MUST first apply for an SMS Account with Medtech.

Please refer to the "Additional Server Requirements" and "Firewall / Proxy Requirements" sections above for connection requirements.

Please contact Medtech Sales for further information on 0800 2633 832.

### **Web Forms Integration**

ConnectedCare™ MUST be installed on the Medtech Server, which includes all the required components – i.e. Idiom Forms Engine, Apache Tomcat 5.5.9, and Sun Java Runtime Environment 1.5.0.15.

Oracle Java 1.5.0.15 MUST be the ONLY Java version installed on the Server. Although newer versions of Oracle Java (e.g. Java 1.6) can co-exist on the same computer, it is not recommended to have any newer versions of Java installed unless it is absolutely necessary.

Due to compatibility issues, it is recommended to DISABLE the "Check for Updates Automatically" option in the Java Control Panel, as Medtech cannot guarantee that any future versions of Java will be compatible.

Microsoft Internet Explorer 9.0 (or higher) MUST be installed on the Server. Compatibility View may need to be enabled if you are having difficulties running certain Web Forms on Internet Explorer 9.0

## Third-Party Software Integration Considerations

### Adobe Acrobat Integration

- Medtech Evolution Patient Information Sheets can only work with the Reader version of Acrobat. Any other versions of Acrobat are not supported.
- Each computer that requires access to the Patient Information Sheets MUST have the appropriate Acrobat Reader version installed.
- The version of Acrobat Reader supported is dependent on the Medtech Evolution version installed, as shown in the following table:

Supported Acrobat Versions	Acrobat Reader 9.x/10.x/11.x
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- **WARNING:** Although it might be possible to integrate Medtech Evolution with other Acrobat versions, Medtech WILL NOT be able to provide support if a practice encounters problems while running on any Acrobat versions not listed above.

### Third-Party E-Mail Software Integration

- MAPI compatible e-mail client MUST be installed and configured on any Server or Client that needs to e-mail documents or files from Medtech Evolution Outbox and/or Attachments Manager Modules.

Supported MS Office Versions	MS Office 2007/2010/2013
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If you require further information, please do not hesitate to contact the Medtech Helpdesk on 09 358 0116, Option 1, or email [nzsupport@medtechglobal.com](mailto:nzsupport@medtechglobal.com).