

## System Requirement Checklist

### STANDARD and MM CLOUD

Please review the following system requirements recommended for running Migration Manager (MM) software. If you do not understand these requirements, please consult with your IT Manager who will be able to advise you.

**Note: these System Requirements are current as at September 2019 and may change from time to time without notice.**

	<b>Client Computer Minimum Requirements</b>	<b>Minimum Requirements FOR MM CLOUD</b>	<b>Minimum Requirements FOR STANDARD</b>
<b>Processor</b>	2 GHz 64-bit processor	The minimum requirement is as per minimum specifications recommended by Microsoft for your chosen OS MM does not necessarily require fast processing. Put simply, if your computer(s) is running well in all aspects then installing MM should not cause any problem. If your computer(s) is performing poorly due to other software competing for the system's resources then you should consult with your IT manager before MM is installed.	
<b>Operating System (OS)</b>	Windows 10 or Windows Server 2016 and later (ENGLISH versions only). System Locale must be set to 'English (Australia)' 64 bit	* Windows 10 or Windows Server 2016 and later. * 64Bit (Due to 32bit Operating Systems only being able to access a maximum of 4Gb of Ram).	
<b>Apple Macintosh non-native</b>		Apple Mac running a compliant Windows environment (see OS requirement above). We recommend Parallels as it provides seamless integration between the Mac and Windows environments. Memory and Hard Disk requirements will need to accommodate both Windows and Macintosh systems.	
<b>Windows Updates</b>		All systems should have all Windows updates and Service Packs installed prior to installation. Our support technicians are not authorised to do this work for you. Microsoft .Net Framework 4.7.2 must be installed and enabled.	
<b>Memory</b>	8GB of RAM	8GB of RAM is required as a minimum but more RAM will nearly always help your computer system to run more efficiently. The overall system performance will depend on the number of products competing for the system's resources. If using MM in a Mac environment, resources should be set to the minimum recommended by the Parallels system (2GB) however we recommend at least 4GB for the Macintosh System and 8GB for the Windows System.	
<b>Hard Disk</b>	20GB of local free Hard Drive space	You must ensure that you have sufficient disk space locally on ALL computers where MM will be installed.	
<b>File Hosting Service / Cloud Storage Service</b>		To use MM Cloud, users must be able to access files in MM, this can include users in multiple locations. This can be achieved via a VPN connection to your file server, although most users choose to integrate MM with their existing file hosting service (eg. Dropbox Pro, Google Drive etc) MM can then load and save in these locations via a Mapped Drive or UNC Path. Note. We do not support intergration directly to Sharepoint. You can however use Onedrive to connect to Sharepoint, then connect to your MM files via Onedrive.	N/A. However you may want to consider using a Cloud Storage Service as a backup location for your documents. Migration Manager can be configured to save your files to your Cloud Storage Service syncing folder on your computer. Please note that for security reasons Migration Manager cannot provide technical support for your Cloud File storage.
<b>Network</b>	100 Base-T Ethernet or Wireless N	It is essential that you have a good, stable network between your computers to your router/modem to ensure optimal performance of MM Cloud. Poor network performance will significantly affect usability.	It is essential that you have a good, stable network between your computers especially connection to the Server (whichever computer holds the database) to ensure optimal performance of MM. Poor network performance will significantly affect usability.
<b>Screen Resolution</b>	1920 x 1080 pixels at 16-bit colour resolutions. 100% DPI	Recommended minimum resolution: 1920 x 1080. You should ensure that your PC's Display Setting for Scaling (DPI) is set to 100% or to any setting that does not push parts of MM off the viewable area or cause scroll bars to appear. MM will work on systems with resolutions that are less than the recommended minimum, but scroll bars may appear.	

<b>Internet Connection</b>	Connection speed must be at least: 4Mbps Down and 0.6Mbps Up with a latency <100ms.	<p>We recommend you use the best/fastest internet connection available to you. The MM Cloud system has been tested and is used daily by MM staff with an ADSL2+ internet connection - with speeds averaging 13Mbps download, 0.86Mbps upload; 20ms latency. At these speeds, the program operates as intended. We have tested this with varying latency times; it appears that latency times approaching 100ms and above will start to have a significant impact on performance and may become unusable. Accordingly, we do not recommend using MM Cloud with latency times above 100ms. It is recommended that you perform a speed and latency test using <a href="http://www.speedtest.net">www.speedtest.net</a>.</p> <p>When using MM Cloud, you must ensure that your data usage allowance is sufficient for your needs, and increase the allowance where required. Associated costs of maintaining sufficient internet connection speeds and data usage allowances remains your responsibility. In the event that your internet connection is shaped (speed-limited) by your ISP due to your breaching usage quota or for any other reason, MM Cloud would likely be rendered inoperable until proper connection speed is restored.</p>	N/A
<b>Internet Browser</b>	Google Chrome	<p>You must install Google Chrome internet browser; this is required for use with our eLodge systems.</p> <p>Some other features of MM refer to web pages therefore requiring an internet browser and a connection to the internet. Upgrades to MM are distributed via online updates. A reliable, high-speed broadband internet connection will result in faster downloads and will reduce the risk of errors associated with packet loss.</p>	
<b>Software/ Other Requirements</b>	<p>Office 2016 incl: Word 2016 Excel 2016 Outlook 2016 or Office 365</p> <p>Adobe Reader DC</p> <p>Other</p>	<p><b>Version Recommendation:</b> Office 2016 including Word 2016, Excel 2016 and Outlook 2016. MM integrates with the Microsoft (MS) Office 2016 suite of products, namely:</p> <ul style="list-style-type: none"> <li>• MS Word</li> <li>• MS Excel</li> <li>• MS Outlook</li> </ul> <p>MS Office 2016 or later must be installed on all computers where MM is to be used (including the Windows version of Office within Parallels on Mac – whether or not you have Office for Mac installed to the Mac outside of Parallels). Versions of MS Office prior to Office 2016 are not supported by MM.</p> <p>MM requires that the users have installed either Adobe Reader or Adobe Acrobat versions XI or higher. No other PDF viewers are supported, and they will not work properly with key parts of MM.</p> <p>Our technicians use LogMeIn Rescue software to install and support MM software. All computers where MM is to be installed must be given the appropriate permission to run LogMeIn Rescue for this purpose.</p>	
<b>System Settings</b>	<p>System date format <u>must</u> be set to dd/MM/yyyy</p> <p>See notes for full details.</p>	<p>Permissions on the local Migration Manager application folder must be set to allow all users full control in order for MM's online updates to execute automatically.</p> <p>MM does not currently support the use of double byte languages such as Japanese, Arabic etc. While they can be used in MS Office only English can be used in Migration Manager. System date format must be set to dd/MM/yyyy.</p> <p>NOTE: This does not affect MM's ability to handle emails and Word documents – MM can handle documents and emails in any language</p>	
<p><b>LegendCom Subscription</b></p> <p><b>ImmiAccount / VEVO Access</b></p>	See notes.	<p>A subscription to the LegendCom fillable DIBP PDF forms is required in order to use MM's DIBP form-filler; your own LegendCom subscription details are entered into Migration Manager so that it can use those credentials to automatically access the latest forms. Migration Manager cannot supply LegendCom/DIBP forms to you.</p> <p>Note that if you want to use Migration Manager's eLodge online lodgement tool, you must have set up your ImmiAccount with DIBP. Furthermore, the VEVO search functionality in Migration Manager will only work if your DIBP ImmiAccount has VEVO search rights activated. Migration Manager cannot supply ImmiAccount/VEVO login details for you.</p>	
<b>Firewall, Anti-Virus and Backups</b>	See notes.	<p>It is recommended that all computers run both firewall and anti-virus software, and that such software be kept up to date at all times. Some firewall and anti-virus software can interfere with the proper operation of MM. You should always select "allow" whenever such software detects that Migration Manager is trying to connect to the internet.</p> <p>File system backups should be maintained and preferably kept offsite, and checked periodically to ensure those backups are effective. Firewall, antivirus and backup software are crucial elements in maintaining data security – whether or not you use Migration Manager.</p>	