

Minimum Hardware and Software Requirements

Portugal and above

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Server Side

The requirements outlined in this document assume that the LawMaster elements are the only ones running and that the Operating System minimum requirements are in addition to those set out in this document.

For a site with 20 users or fewer SQL, Application, DMS, Web and Search

Hardware	
RAM	8+GB
CPU	<p>The performance of LawMaster is determined by the performance of the SQL database. As a result, for sizing of your application and database server please follow the recommendation shown in this article:</p> <p>Selecting and Configuring Hardware for SQL Server 2016 Standard Edition - SQLPerformance.com</p>
HDD	<p>Raid configuration for the physical drives, with a battery-backed, raid cache controller</p> <p>Drive Set 1 – Operating system, .NET Framework, SQL, Database Data File, and LawMaster Software. (5GB) + Advanced “In-Document” text searching index.</p> <p>Drive Set 2 – Database Log files and Backups directory (SQL performs Online backups of the database).</p> <p>DMS Disk space required (1GB/user) (LawMaster DMS directories)</p> <p>Note: Advanced “In-Document” text searching index usually requires 1/25th the size of the DMS</p>
Software /Configuration	
	<p>.NET Framework V4.8 (or later) runtime version, IIS, and LawMaster Web Admin need to be installed onto this machine. You will need an IIS WebServer (it is recommended that you have an HTTPS (SSL) certificate installed).</p> <p>Note: HTTPS is required if using STP Payroll.</p> <p>If access from the internet is required:</p> <ul style="list-style-type: none"> • The Web Server needs to be a DNS name on the Internet if access from the Internet is required. (e.g., myserver.mycompany.com.au). • Your firewall needs to permit traffic to this machine from the Internet (Ports 443(HTTPS)). <p>The suggested Internet connection for the server is an ADSL 2+ link or larger.</p>

For a site with 21 to 49 users

SQL, Application, DMS, Web and Search

Hardware	
RAM	8+GB
CPU	<p>The performance of LawMaster is determined by the performance of the SQL database. As a result, for sizing of your application and database server please follow the recommendation shown in this article:</p> <p>http://sqlperformance.com/2014/01/system-configuration/selecting-a-processor-for-sql-server-2014-1</p>
HDD	<p>Raid configuration for the physical drives, with a battery-backed, raid cache controller</p> <p>Drive Set 1 – Operating system, .NET Framework, SQL, and LawMaster Software. (5GB)</p> <p>Drive Set 2 – Database Data File, Advanced “In-Document” text searching index</p> <p>Drive Set 3 – Database Log files and Backups directory (SQL performs Online backups of the database). LawMaster recommends that this drive set be on a separate disk controller.</p> <p>DMS Disk space required (1GB/user) (LawMaster DMS directories)</p> <p>NOTE: Advanced “In-Document” text searching index usually requires 1/25th the size of the DMS</p>
Software /Configuration	
	<p>.NET Framework V4.8 (or later) runtime version, IIS, and LawMaster Web Admin need to be installed onto this machine. You will need an IIS WebServer (it is recommended that you have an HTTPS (SSL) certificate installed).</p> <p>Note: HTTPS is required if using STP Payroll.</p> <p>If access from the internet is required:</p> <ul style="list-style-type: none"> • The Web Server needs to be a DNS name on the Internet if access from the Internet is required. (e.g., myserver.mycompany.com.au). • Your firewall needs to permit traffic to this machine from the Internet (Ports 443(HTTPS)). <p>The suggested Internet connection for the server is an ADSL 2+ link or larger.</p>

For a site with 50 to 99 users

Server 1: SQL, Application, Web and Search

Hardware	
RAM	16+GB
CPU	<p>The performance of LawMaster is determined by the performance of the SQL database. As a result, for sizing of your application and database server please follow the recommendation shown in this article:</p> <p>http://sqlperformance.com/2014/01/system-configuration/selecting-a-processor-for-sql-server-2014-1</p>
HDD	<p>Raid configuration for the physical drives, with a battery-backed, raid cache controller</p> <p>Drive Set 1 – Operating system, .NET Framework, SQL, and LawMaster Software. (5GB)</p> <p>Drive Set 2 – Database Data File, Advanced “In-Document” text searching index</p> <p>Drive Set 3 – Database Log files and Backups directory (SQL performs Online backups of the database). LawMaster recommends that this drive set be on a separate disk controller.</p> <p>NOTE: Advanced “In-Document” text searching index usually requires 1/25th the size of the DMS</p>
Software /Configuration	
	<p>.NET Framework V4.8 (or later) runtime version, IIS, and LawMaster Web Admin need to be installed onto this machine. You will need an IIS WebServer (it is recommended that you have an HTTPS (SSL) certificate installed).</p> <p>Note: HTTPS is required if using STP Payroll.</p> <p>If access from the internet is required:</p> <ul style="list-style-type: none"> • The Web Server needs to be a DNS name on the Internet if access from the Internet is required. (e.g., myserver.mycompany.com.au). • Your firewall needs to permit traffic to this machine from the Internet (Ports 443(HTTPS)). <p>The suggested Internet connection for the server is an ADSL 2+ link or larger.</p>

Server 2: DMS

Hardware	
RAM	8+GB
HDD	DMS Disk space required (1GB/user) (LawMaster DMS directories)
Software /Configuration	
	<p>.NET Framework V4.8 (or later) runtime version, IIS, and LawMaster Web Admin need to be installed onto this machine. You will need an IIS WebServer (it is recommended that you have an HTTPS (SSL) certificate installed).</p> <p>Note: HTTPS is required if using STP Payroll.</p> <p>If access from the internet is required:</p> <ul style="list-style-type: none"> • The Web Server needs to be a DNS name on the Internet if access from the Internet is required. (e.g., myserver.mycompany.com.au). • Your firewall needs to permit traffic to this machine from the Internet (Ports 443(HTTPS)). <p>The suggested Internet connection for the server is an ADSL 2+ link or larger.</p>

For a site with 100+ users

Server 1: SQL, Application, Web and Search

Hardware	
RAM	32+GB
CPU	<p>The performance of LawMaster is determined by the performance of the SQL database. As a result, for sizing of your application and database server please follow the recommendation shown in this article:</p> <p>http://sqlperformance.com/2014/01/system-configuration/selecting-a-processor-for-sql-server-2014-1</p>
HDD	<p>Raid configuration for the physical drives, with a battery-backed, raid cache controller</p> <p>Drive Set 1 – Operating system, .NET Framework, SQL and LawMaster Software. (5GB)</p> <p>Drive Set 2 – Database Data File, Advanced “In-Document” text searching index</p> <p>NOTE: Advanced “In-Document” text searching index usually requires 1/25th the size of the DMS</p> <p>Drive Set 3 – Database Log files and Backups directory (SQL performs Online backups of the database). LawMaster recommends that this drive set be on a separate disk controller.</p>
Software /Configuration	
	<p>.NET Framework V4.8 (or later) runtime version, IIS, and LawMaster Web Admin need to be installed onto this machine. You will need an IIS WebServer (it is recommended that you have an HTTPS (SSL) certificate installed).</p> <p>Note: HTTPS is required if using STP Payroll.</p> <p>If access from the internet is required:</p> <ul style="list-style-type: none"> • The Web Server needs to be a DNS name on the Internet if access from the Internet is required. (e.g., myserver.mycompany.com.au). • Your firewall needs to permit traffic to this machine from the Internet (Ports 443(HTTPS)). <p>The suggested Internet connection for the server is an ADSL 2+ link or larger.</p>

Server 2: DMS

Hardware

RAM 8+GB

HDD DMS Disk space required (1GB/user) (LawMaster DMS directories)

Software /Configuration

.NET Framework V4.8 (or later) runtime version, IIS, and LawMaster Web Admin need to be installed onto this machine. You will need an IIS WebServer (it is recommended that you have an HTTPS (SSL) certificate installed).

Note: HTTPS is required if using STP Payroll.

If access from the internet is required:

- The Web Server needs to be a DNS name on the Internet if access from the Internet is required. (e.g., myserver.mycompany.com.au).
- Your firewall needs to permit traffic to this machine from the Internet (Ports 443(HTTPS)).

The suggested Internet connection for the server is an ADSL 2+ link or larger.

Client Side

The minimum specifications for the Workstation PC's

Hardware	
RAM	8GB
HDD	10GB
SCREEN	Screen resolution of (Full HD) 1920 x 1080 or higher is recommended, with a colour setting of 32 bit or higher. The minimum screen size needed to use the application is XGA (1024 x 768).
Software /Configuration	
	Regional and Language settings: <ul style="list-style-type: none"> • short date format of dd/mm/yyyy • English – Australia or • English – New Zealand

Supported Microsoft Office Versions:

To ensure best interoperability between applications, the LawMaster Client is compiled to run in 32-bit mode only. As a result, we recommend you install the 32-bit version of Microsoft Office regardless of the version of Windows (32-bit or 64-bit) you are running. Softdocs only supports the 32-bit version of Microsoft Word.

If you choose to use Office 365, then you need to ensure you have Microsoft Office installed on your local machine for LawMaster to communicate with it.

If you are using Office 2016 you need to install VSTOR40 and the LawMaster Outlook Addin.

Each machine needs .NET framework, LawMaster Client Startup, LawMaster Outlook Addin, and Practice Management Client (one for each version in use) to be installed.

Note: These installations should be done as the Administrator. All LawMaster installations are done using 'MSI' files.

The network protocol is TCP/IP and HTTP(S) if the server is on the same network as the PCs. HTTPS is used over the Internet.

It is a requirement that you use HTTPS for STP Reporting to ATO.

PCs accessing a database over the Internet

The PCs that are going to connect to the database over the Internet must be able to get to the Internet directly. HTTPS is used to talk to the Application Service (the database) and is required to talk to the hosted DMS.

The suggested minimum Internet connection for hosted sites is an ADSL 2+ link. The DMS service can be set up to use our hosted environment or a DMS service can be set up at your site.

Email

For integration with Outlook, Microsoft Exchange is required for Email. Note that this is currently available with Office 365.

PDF

LawMaster supports all commonly-used PDF Readers.

Scanners/Printers

We recommend a scanner that can OCR the documents and create PDF files, this scanner needs to place these files on the local file server.

Any Windows supported printer, as the PC does all of the printing.

Support Lifecycle

Introducing New Microsoft Products

LawMaster aims to commence support for the latest versions of Microsoft tools and systems used with our product 12 months after Microsoft commences "Mainstream Support" for its product. The time lag after the new product's support will be dependent on the scale of impact of the changes in Microsoft's product on LawMaster. We are currently reviewing the support periods for the Microsoft product range that fall under the Modern Lifecycle Policy. We suggest you maintain products under

these policies at the version we have tested against because we cannot guarantee compatibility with future versions.

Phasing out Older Microsoft Versions

Conversely, when a Microsoft product or service moves out of “Mainstream Support”, as defined by Microsoft’s product life cycle, we no longer support these versions for future releases.

Earlier versions of LawMaster running on older Microsoft products are supported whilst the LawMaster version remains supported, although due to Microsoft's "Extended Support Phase" only providing paid support, additional costs might be incurred if Microsoft support becomes necessary.

The following table provides a summary of our support, by Microsoft product. Where a LawMaster Version Name is noted, support ends on release of that Version. Where the end date for mainstream support is beyond our current version plans, an estimate of the likely release date is included.

Portugal Release

Microsoft Product	Microsoft Mainstream Support End	LawMaster Support Ends (by Version Name or Estimated Date)
Windows Server <ul style="list-style-type: none"> LTSC (not SAC) Non IOT Editions 		
2016 Server	11/01/2022	April 2022
2019 Server	09/01/2024	April 2024
Microsoft SQL Server <ul style="list-style-type: none"> Standard or Enterprise Edition GDR Updates 		
2016	13/7/2021	November 2021
2017	11/10/2022	November 2022
2019	07/01/2025	April 2025
Windows Desktop <ul style="list-style-type: none"> Pro or above 64-bit Semi-annual Channel 		
Windows 10 <ul style="list-style-type: none"> Version 1903 	08/12/2020	Portugal
Windows 10	11/05/2021	November 2021

Microsoft Product	Microsoft Mainstream Support End	LawMaster Support Ends (by Version Name or Estimated Date)
<ul style="list-style-type: none"> Version 1909 		
Windows 10 <ul style="list-style-type: none"> Version 2004 	14/12/2021	January 2022
Office Installations <ul style="list-style-type: none"> 32-bit Installed on PC Semi-annual Enterprise Channel for Microsoft 365 		
Office 2016	13/10/2020	Portugal
Office 2019	10/10/2023	November 2023
Office 365 / Microsoft 365 <ul style="list-style-type: none"> Version 1902 	08/09/2020	Portugal
Office 365 / Microsoft 365 <ul style="list-style-type: none"> Version 1908 	09/03/2021	April 2021
Office 365 / Microsoft 365 <ul style="list-style-type: none"> Version 2002 	14/09/2021	October 2021

Document Revisions

The following table lists all the updates made in the document from its previous version.

Version	Date	Description
V1.0	20/11/2020	Initial Draft, copied and updated from Canada R2
V1.1	15/12/202	Finalised for Portugal