

# WMS PRO INSTALLATION GUIDE

USER GUIDE



### **BEFORE YOU BEGIN**

An installed SQL Server is required for WMS Pro to function. **SQL Express** can be downloaded for free on the Microsoft website (<u>https://www.microsoft.com/en-au/sql-server/sql-server-downloads</u>), however this would only apply for smaller sites. For larger sites seek advice from your company's IT expert.

If you are using TLS version 1.2, make sure your SQL server version is compatible otherwise you will get an error when the server attempts to connect to the database. SQL server versions 2016 or later will support TLS 1.2 natively.

As a part of the setup process the following third-party packages will also be installed:

- Erlang
- IIS URL Rewrite
- RabbitMQ
- Microsoft ASP.NET Core bundle

It is strongly recommended that the installation does **NOT** proceed if any of those packages already exist on the server, however ASP.NET Core is the exception. The installation may not succeed as those packages may interfere with the current operation of these systems.

The installation of WMS Pro by default installs a **Self-Signed SSL** certificate, there are steps on page 6 that should be followed if the users require a Signed SSL Certificate from a **Certification Authority** (CA) to access the WMS Pro server.

Ensure that there are no **Windows updates** currently in progress as it will interfere with the installation process.

ISTALLATION PROCESS	
🖶 Setup - WMS Pro	– 🗆 X
Tom	Welcome to the WMS Pro Setup Wizard This will install WMS Pro version 1.0.67420 on your computer. It is recommended that you close all other applications before continuing. Click Next to continue, or Cancel to exit Setup.
	Next Cancel

🖶 Setup - WMS Pro 🦳 🗌	×
License Agreement Please read the following important information before continuing.	
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.	
END USER LICENSE AGREEMENT	^
Important: This end-user license agreement (Agreement) is a legal agreement	
between Carrier and You. By downloading, installing, copying or otherwise using this software, you agree to be bound by the terms of this Agreement. If You do not agree to the terms of this Agreement, you may not download, install, copy or use the Software. You may return the Software within thirty days (30) days and request a refund of the license fee. INTELLECTUAL PROPERTY AND DATA Carrier owns or has secured rights to use, produce, modify, distribute, sell or license the Products, including, without limitation, any and all worldwide	~
• I accept the agreement	
○ I do not accept the agreement	
Back Next	Cancel

Read and accept the agreement to proceed to the next step.

🖶 Setup - WMS Pro	_		×
Select Destination Location Where should WMS Pro be installed?			
Setup will install WMS Pro into the following folder.			
To continue, click Next. If you would like to select a different folder, c	lick Bro	wse.	
C:\Program Files\Tecom\WMSPro	E	Prowse	
At least 721.4 MB of free disk space is required.			
Back Nex	đ	Can	ncel

Select your desired folder location or leave it on the default option and proceed.

🖶 Setup - WMS Pro	_	
SQL Server Instance and Computer Address Enter SQL Server instance and computer address		(log)
SQL Server Instance:		
Computer Address: 10.176.182.180		~
Back	lext	Cancel

By default, the **SQL Server Instance** field will already be prepopulated for smaller installations that may be running SQL Express and WMS Pro on the same server. If the SQL server has been installed in a different machine and/or has a different instance name, then the correct SQL Server Instance details must be manually entered. Please consult with your local IT department if you are unsure what to enter here.

By default, the **computer address** field will have the IP address entered. The PC name can be selected instead from the drop-down list, or a different name can be manually inputted into the field. Once a computer address has been chosen, it will be the only address/domain name that can be used to connect to WMS Pro.

Note: If you are using a CA issued SSL certificate, please enter the appropriate address manually.

🖶 Setup - WMS Pro	_		×
<b>Ready to Install</b> Setup is now ready to begin installing WMS Pro on your computer.			
Click Install to continue with the installation, or click Back if you want change any settings.	to reviev	v or	
Destination location: C:\Program Files\Tecom\WMSPro SQL Server instance: .\SQLEXPRESS Computer address: 10.176.182.180 Address for self signed certificate: 10.176.182.180 RabbitMQ password for 'tecomadmin' account: DJX123XNQI9DT6AC Server log file location: C:\ProgramData\wmspro		~	
Back Inst	all	Can	cel

It is advised to save the RabbitMQ password in a secure location as it may be required for future troubleshooting. If you're satisfied with the chosen settings, click "**Install**" to start the installation process.



Click "Finish" to exit the setup. WMS Pro client login page will be launched with the default browser if the checkbox is ticked.

# If you're using the self-signed certificate that was created during installation, your installation is now complete.

Please refer to the Quick Start guide for next steps.

The steps that follow are **optional** and will only be required for configuring a WMS Pro installation with a CA issued SSL certificate.

## ENABLING WMS PRO SERVER TO USE A SIGNED SSL CERTIFICATE

#### INSTALLING A SIGNED SSL CERTIFICATE

The installation of WMS Pro by default installs a Self-Signed SSL certificate, the steps below should be followed if the users require a Signed SSL Certificate from a **Certification Authority** (CA) to access the WMS Pro server. Please ensure you have already entered the correct domain address from the installation steps found on page 3.

- 1. The Server certificates are typically managed on a Windows system using the Internet Information Services (IIS) Manager utility, which supports the file extension (.pfx). The IIS Manager can be found by typing in "**IIS**" in the Windows search bar.
- 2. Double click the "**Server Certificates**" option located under the IIS section. This will take you to a new page.



This is what the IIS Manager window looks like

 In the Server Certificates page click "Import" to open a new window (as seen below), upload the relevant file and fill in the required information in the given fields. For the Certificate Store, click on the arrow to open the drop-down menu and select "Web Hosting". Click "OK" to finalise the changes.

feature to request and manage certificates that the Web ser bsites configured for SSL. mport Certificate ?	ver can use	Create Certifica Complete Certi Create Domain
mport Certificate ?	×	Create Domain
Certificate file ( pfx):		
	ed By	Create Self-Sigr
	Client	Enable Automa Renewed Certif
Password:	.NOT9 .NOT9 .NOT9 .NOT9	🔞 Help
Select Certificate Store:	.NOT9 .NOT9	
Personal	0.144	
Allow this certificate to be exported	.NOT9 .NOT9 68.0.9	
OK Cancel		
	Password: Select Certificate Store: Personal Allow this certificate to be exported OK Cancel	Password: NOT9

If further assistance is required, contact the person who supplied the SSL certificate for more information and troubleshooting.

#### BINDING THE WMS PRO SERVER TO USE THE SIGNED SSL CERTIFICATE

1. Open Windows IIS Manager. Select "**Sites**", found on the left in the **Connections** section. The list should contain the WMS Pro Server Site as shown below.

Internet Information Services (IIS) N	Manager						- 🗆 X	٦
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File View Help								
Connections	Cites					F	Actions	
2	Sites						🆸 Add Website	
FAULNOT9KXXZD3 (CARCGL)	Filter:	- 🛒 Go	🗉 🚽 🕁 Show A	II   Group by: No Grouping -			Set Website Defaults	
✓ Sites	Name	ID	Status	Binding	Path		🕑 Help	
> 😔 Default Web Site	😌 Default Web Site	1	Started (ht	*:8080 (http)	%SystemDrive%\inetpub\v			
> 😔 WMS Pro Server	😜 WMS Pro Server	2	Started (ht	*:80 (http),*:443 (https)	C:\Program Files\Tecom\V			

2. Right click on the WMS Pro Server and click "Bindings".

Internet Information Services (IIS) Ma	anager				– 🗆 X
← → 🙆 ► FAULNOT9KXXZD3	► Sites ►				🔛 🖂 🟠 🔞 🗸
File View Help					
Connections	Sites Filter: Name Default Web Site WMS Pro Server	Go      G	All Group by: No Grouping   Binding *8080 (http)  (http),*:443 (https)	Path %SystemDrive%\inetpub\ C{\Program Files\Tecom\V	Alerts  Alerts  This site has multiple bindings  Actions  Actions  Actions  Actions  Consections  Consections
<	🗄 Features View 🞼	Content View			Configure Limits V
Ready					• . •

3. Select the https entry from the list and click "Edit".

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File View Help		
Connections	Gitan Sitan	Alerts
2	Siles	(i) This site has multiple
FAULNOT9KXXZD3 (CARCGL)	Site Bindings ? X	bindings
V i Sites		Actions
> 😔 Default Web Site	Type         Host Name         Port         IP Address         Binding Informa         Add	Gr Add Website
> In the server	http 80 *	Edit Site
	nttps 443	Bindings
	Kemove	Basic Settings
	Browse	🔉 Explore
		Edit Permissions
		Rename
		View Applications
		View Virtual Directories
		Manage Website
		🗢 Restart
	Clara	Start
	Close	Stop
		Browse Website
		Browse *:443 (https)
	< >	Advanced Settings
		Configure
< >>	En Features View	Limits 🗸
Ready		<b>1</b> .

4. Change the SSL certificate from the current 'WMS Pro Self Signed Certificate' to use the name of the installed Signed SSL Certificate from the drop-down list. Click "**Select**" to confirm the selection.

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← → SAULNOT9KXXZ	D3 + Sites +	🔯 🖂 🚱 🗸
File View Help		
Connections	Sites	Alerts
FAULNOT9KXXZD3 (CARCGL)	Edit Site Binding ? X	i This site has multiple bindings
← ∰ Application Pools ✓   is Sites →	Type:     IP address:     Port:       Type     https     All Unassigned     443       http:     Host name:        https	Actions Add Website Set Website Defaults Edit Site Bindings Basic Settings Explore Edit Permissions Remove
	Disable OCSP Stapling  SSL certificate:  WMS Pro Self Signed Certificate  e	View Applications View Virtual Directories Manage Website Call Contemporation Call Contemporation Contemporation Contemporation Contemporation Contemporation Contemporation Contemporation Contemporation Contemporation Contempora
< <u> </u>	<	Browse Website Browse *:80 (http) Browse *:443 (https) Advanced Settings Configure Limits
Ready		€1.

5. The IIS WMS Pro Server services will need to be restarted, including the ones found in the Application Pools. Make sure to have the WMS Pro server highlighted. Afterwards, under the "Manage Website" option in the IIS Manager window section, press the Stop button, wait a couple of minutes and then press the Start button.



#### UNINSTALLING WMS PRO

When uninstalling, it should be noted that some of the third party components installed with WMS Pro will have to be removed separately. Erlang and RabbitMQ can be optionally uninstalled during the uninstallation process. The list of third party packages that will require you to separately uninstall them is:

- IIS URL Rewrite
- Microsoft ASP.NET Core bundle



WMS Pro Security Solutions





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