



WM Software

License Administration
Server

Quick Install Guide – License Administration Server

For First-time Users - Installing and Running the Software

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Introduction

You may be familiar with software activation if you've installed and activated Microsoft Windows or Microsoft Office. That software requires you to enter a set of numbers and letters to activate the software on the computer, usually over the Internet. Since 1998, WM Software's product licenses have also used product activation, but in a simpler form. Activation ensures your software license is genuine, protects you and your company from the risks associated with non-genuine software, and helps you better manage your licensing agreements with WM Software. Additionally, only activated products are fully supported by WM Software.

In the past, customers received a single customer id and password for all products within their organization to activate their licenses with WM Software activation servers. This ID and Password were entered on each computer for each WM Software product being activated. This activation method was quite simple to do, depending on the organization, for up to about 50 computers.

For larger license installations, WM Software also provided a volume licensing model that did not require activation, making it easy for organizations to deploy our software. However, this increased the risk of deploying non-volume licensed software, which is downloadable from our website, and organizations were finding it difficult to manage the amount of licenses they purchased versus what they were actually running. Custom installation files also created delays for customers in getting their volume license software.

License Administration Solution

WM Software has removed all of the previous issues and replaced them with a seamless and integrated solution – the License Administration Server. All quantities of software license purchases now require activation, but now the software licenses are centrally managed at your organization. Activation is part of your organization's software deployment process, and it's a core piece of the licensing planning stage. Based on the size and structure of your organization, management of client and server product activation may involve a variety of different IT roles and individuals.

WM Software's License Administration Server, or LAS, provides centralized license management and protection of your organization's product keys, and it also assists with license compliance. As you get ready to deploy, you'll need to understand how to activate the software products by using this whitepaper.

It is only necessary to have one LAS server per domain on your network. The LAS has a watchdog service, so if the main service stops, the watchdog service will start the service. There cannot be two LAS servers on the network. If another LAS server is detected, the LAS will shut itself down.

Setup

Install and configure the software as follows:

1. Decide which host computer will run the License Administration Server (LAS) in your organization. The host computer should be on and accessible 24x7, typically a server. The server needs to be running Windows 2008 or higher. The LAS runs fully functional for 30 days in a trial license until it becomes activated. You must activate it within 30 days or it will stop running.
2. To install, start the installation program. Press Next, accept the license agreement, and step through the installation. See Fig 1.
3. After installation, Click the Finish button and launch the LAS software. Select the checkbox to launch the software.
4. Enter your email address and press Next. A code will be sent to the email entered to activate the trial license. See Fig 2.



Fig 1. The main installation screen.

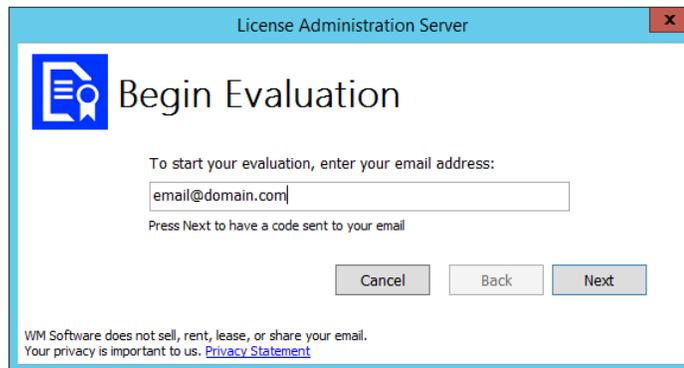


Fig 2. Enter your email to begin the 30-day trial license

5. After entering the code, Press Evaluate to start the software. See Fig 3.

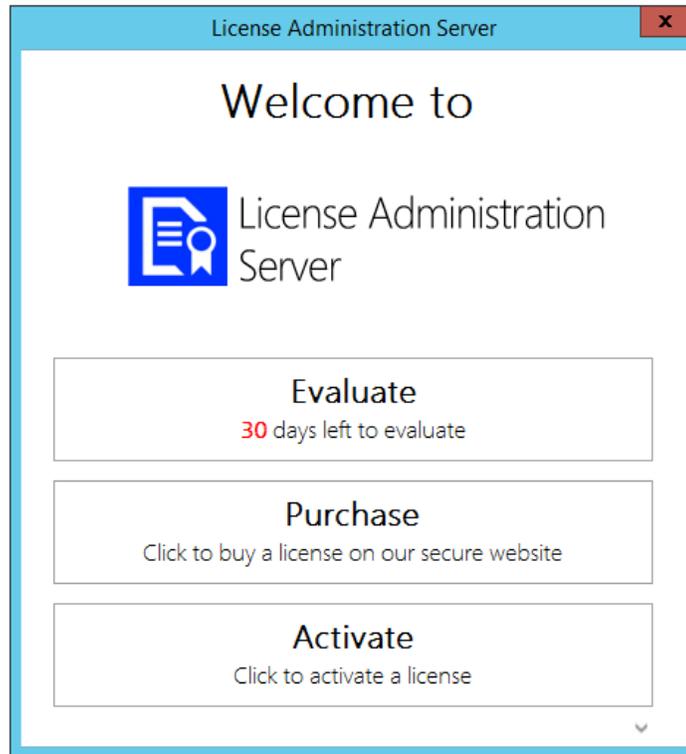


Fig 3. Enter your email to begin the 30-day trial license

6. After SQL Server Compact and Visual C++ 2008 Redistributable are installed, the main LAS window appears.
7. With the software running, you will see three branches on the left:
 - Licenses:** A list of all WM Software product licenses. Client software checks in with the LAS for their license activations. If you are running more than one WM Software product at your organization, each product key will have a separate entry.
 - All Computers:** A list of all computers that have activated their licenses with the LAS.
 - Email Settings:** Enter your email to ensure licenses and/or maintenance don't expire.

See Fig 4.

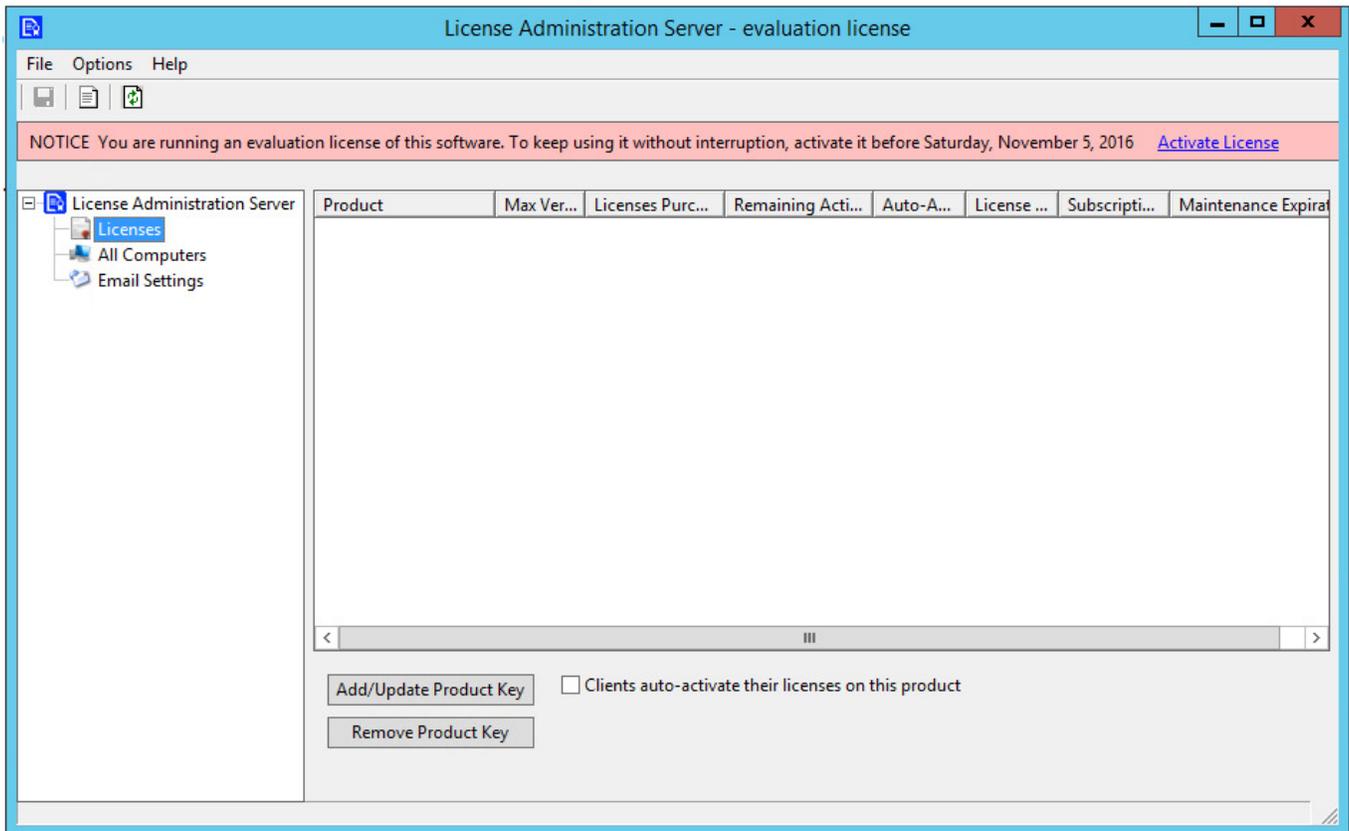


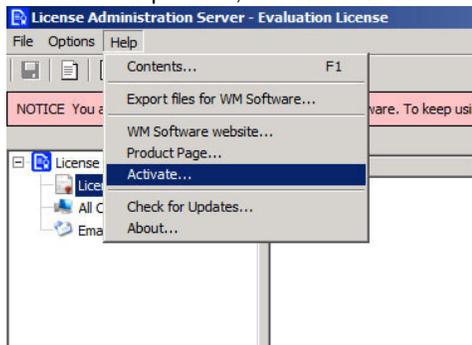
Fig 4. The main software screen.

8. You will also need to make sure port 445 is open on the LAS server and across any routers. If you do not have domain administrator rights, please contact your domain administrator.

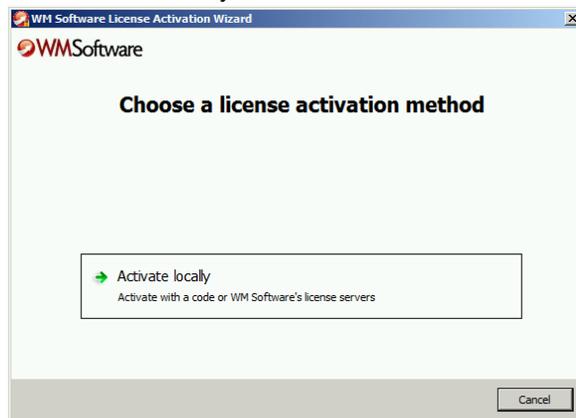
Activating the LAS software

The LAS software itself is required to be activated. You have up to 30 days to activate the software. At the end of 30 days, the LAS software will stop running. There is no cost associated with activating the LAS software license.

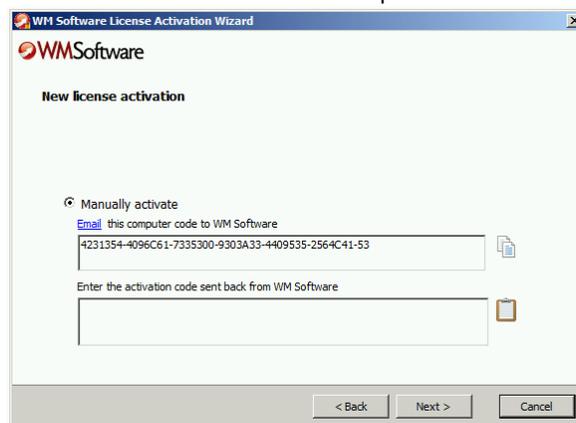
1. From the Help menu, choose Activate:



2. Click Activate locally:



3. Copy the computer code and send it to WM Software (register@wmsoftware.com), then paste the activation code into the field and press Next. The software is now activated.:



Installing an SRV record on DNS

After installing LAS, you then register the LAS computer name in DNS using an SRV record. Computers attempting to activate will then know where the LAS server is located, as they look for the **_wmslas** SRV record using DNS. Here are the steps to manually add an SRV record to a Windows Active Directory computer running DNS. The following steps are taken from a Windows Server 2008 R2 DNS server. These steps may vary; contact your domain administrator if necessary.

1. From Start/Run, type in `dnsmgmt.msc` and press OK
2. Navigate to “DNS\[server_name]\Forward Lookup Zones\[fqdn]”
3. Click on **_tcp**
4. Right-click on **_tcp** and choose “Other New Records...”
5. Choose **Service Location (SRV)** and press **Create Record...**
6. Fill in the following fields and then press **OK** (See Fig 4)
 - a. Service: **_wmslas**
 - b. Port number: **445**
 - c. Host offering this service: **[las_server_name].[fqdn]**

Now the clients will be able to find the host LAS server.

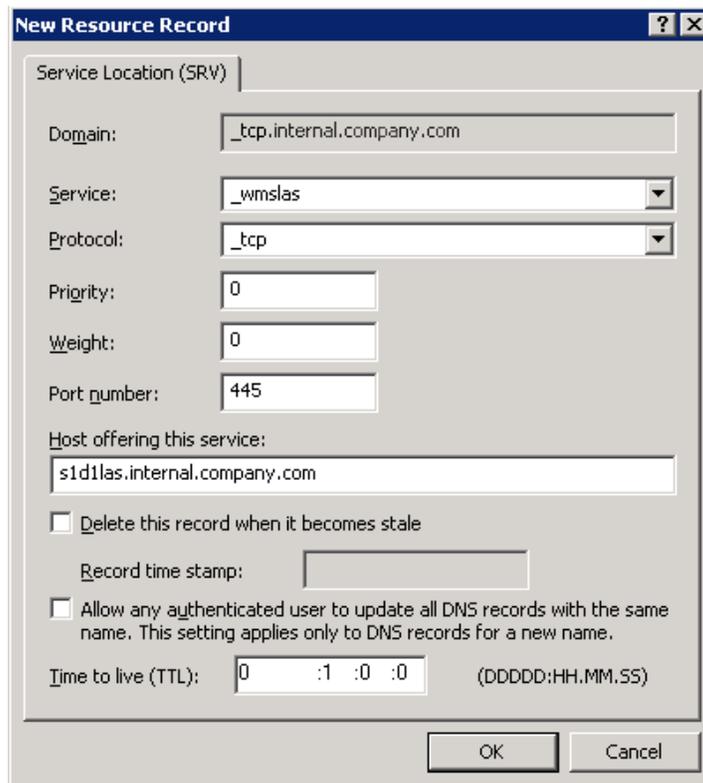


Fig 4. From Windows Server 2003.

Installing Product Keys

When you purchase your software licenses from WM Software, you will be given three data items:

1. Customer ID
2. Password
3. Product Key

To enter a product key into the LAS, first open up the LAS from Start/Programs. Then, once opened, click on the **Licenses** branch on the left hand side of the LAS, and then press the **Add/Update product key** button. A window will display allowing you to enter this information. See Fig 5.

You can press the Verify button to make sure the ID and Password you entered are correct.

Press OK to add the Product Key. Next, a window will appear asking to enable Automatic Activation.

Enabling Automatic Activation (recommended) will automatically activate computers running your licensed WM Software software licenses with the LAS server with no further intervention. See Fig 6.

If manual activation is desired, then select **No**. You will have to then go to each computer and activate the license. This might be applicable if you want to more closely control which computers get activated and which are run in a 30-day evaluation mode. This mode is not recommended and is rarely, if ever, used.

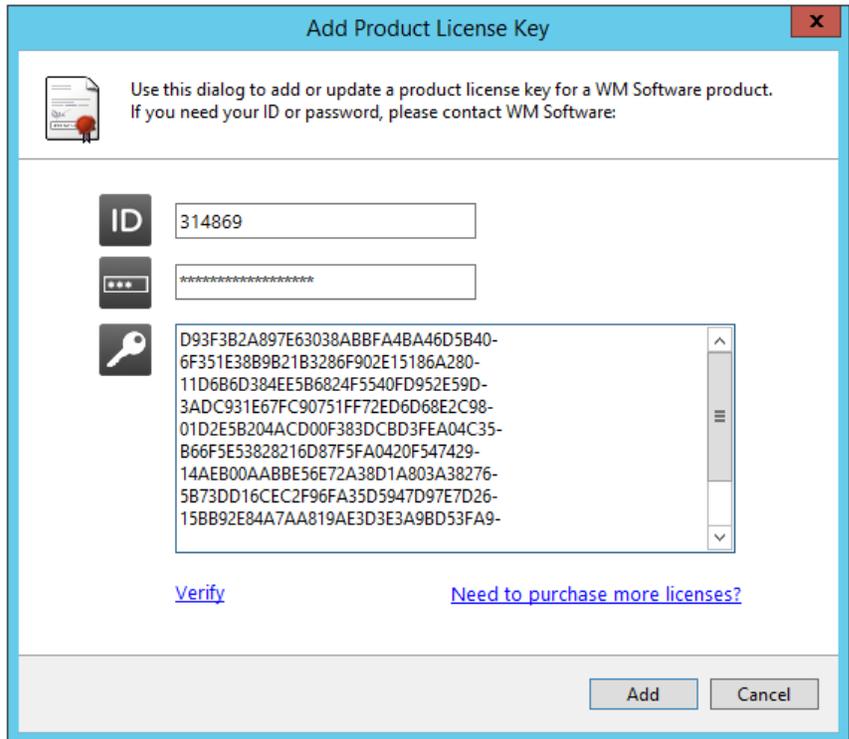


Fig 5. In this window, enter the ID, Password, and Product Key given to you by WM Software.

Let's go over each of the columns for the product key:

Software Product	Version	Licenses Purchased	Activations Remaining	Auto-Activate	License Type	TLP Expiration	Maintenance Expiration
ShutdownPlus Rolling Restart	8.1	40	40	Yes	TLP	3/27/2012	

Fig 6. The populated product key entry.

Product	This is the name of the software product your organization purchased.
Maximum Version Licensed	This is the version of the software product at the time your organization purchased the licenses. This works differently in a few scenarios: 1) If your licenses are current, then if you activate a software license that is higher or lower than the listed version, the license will be activated. 2) If your TLP has expired, no license can be activated. In this case, contact WM Software to renew your TLP. 3) If your maintenance has expired and you try activating a newer version than what is listed, the license will not be activated. In this case, contact WM Software to renew your maintenance. 4) If your maintenance has expired, and a newer version of the software was released while your maintenance was in force, but the newer version is not showing in the LAS, contact WM Software for an updated product key.
Licenses Purchased	This is the quantity of licenses purchased. Each computer uses one license.
Remaining Activations	This is how many more license activations are left.
Auto-Activate	When this is set to Yes, when a client computer has the software installed, or its service restarted, it will automatically activate with the LAS. If you want to manually add computers or manually license them at the computer, then highlight the product key and uncheck the checkbox "Auto-Activate"
License Type	There are two license types available from WM Software: 1) Standard. This license has maintenance and allows upgrades while maintenance is in force. The software will continue to run even if the maintenance period expires. 2) TLP. This license is a Term License Program type of license. It allows upgrades while the TLP is in current term. If the TLP expires, the client software will no longer run. This type of license requires annual renewal with a new product key from WM Software.
Subscription Expiration	The date the Subscription License expires. After this date, the software running the product in the Product field will no longer run. Subscriptions must be renewed to continue to use the software.
Maintenance Expiration	The date the maintenance and upgrades expire for Perpetual Licenses.

At this point, you are ready to activate licenses. If you set Auto-Activate to Yes, simply install the software on a client computer. If you set it to No, on the client computer, select Activate under the Help menu and choose LAS. You can then manually Activate the license with the LAS.

Managing Computers

The LAS keeps track of what computers are running what licenses. You can pre-add computers to consume an activation, unlicense computers, or print the list of computers.

Select **All Computers** from the branch on the left. You are then shown a list of computers that have activated their license, and what product and version was activated, and you can filter licenses by product code.

If you set **Auto-Activate** to **No** on the **Licenses** branch, then you can either manually activate existing licenses on a client computer, or you can pre-add client computers on the LAS. Then, when the software is installed, the license will be automatically activated.

Hardware and Software Requirements

The following hardware and software requirements are necessary to use this software:

- **Software**
 - Windows Server 2008 R2 or later
 - Microsoft SQL Server Compact 3.5 SP2 (installed if not present)
 - Microsoft Visual C++ 2008 Redistributable x86 (installed if not present)
- **Hardware.** A system with at least 1 GB of RAM and an i5 or better CPU is required. The software consumes approximately 25MB RAM and 25MB Hard Drive space.

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