



ACP ThinManager Tech Notes

Master License

Use the **F1** button on any page of a ThinManager wizard to launch Help for that page.

Visit www.thinmanager.com/TechNotes4/01_Intro/Manuals.shtml to download the manual, manual chapters, or the abridged ThinManual.

Master License Function

The Master License is a container to hold the collection of individual licenses for a ThinManager Server or a redundant pair of ThinManager Servers.

Each deployment of ThinManager requires the creation of a Master License. Individual licenses are added to the master. The master license is activated and applied to the primary ThinManager Server. The primary ThinManager Server will transfer the license to the secondary ThinManager Server in the case of mirroring or redundancy.

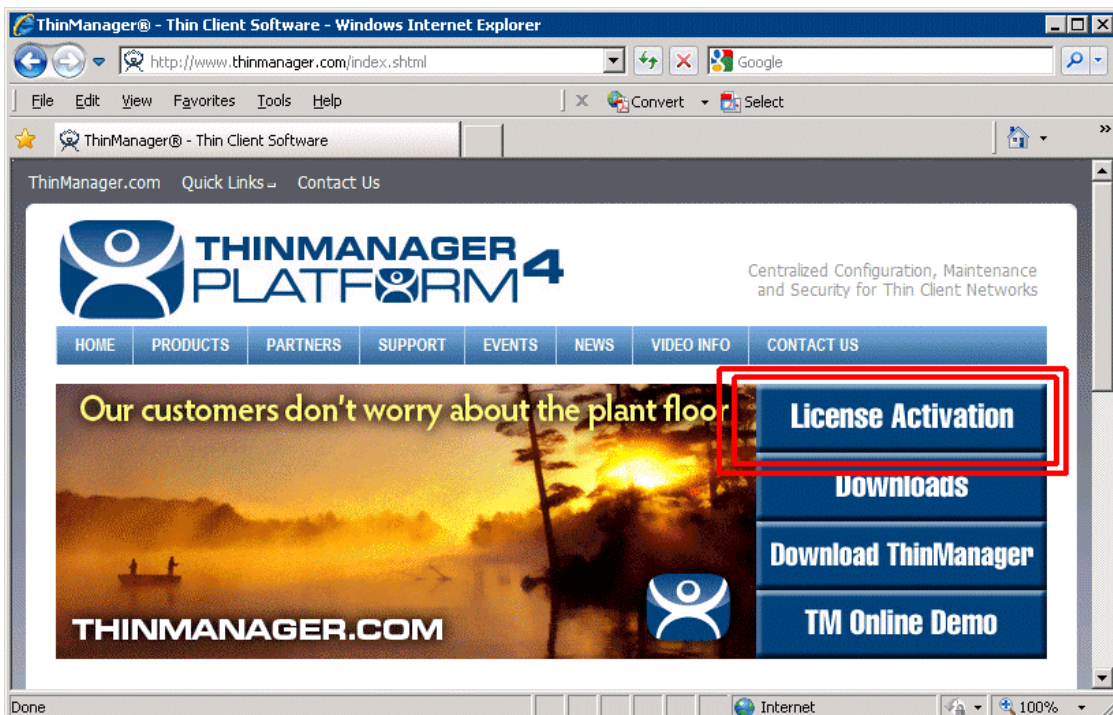
Master License Advantage

The use of a Master License means that there is one license for the ThinManager Server. You only need to activate and transfer one master license if you need to decommission an old ThinManager Server and build a new one.

New license components get added to the master license and the master license is re-activated and re-applied to the ThinManager Server.

Online Activation

ACP Licenses are activated online at the ThinManager site. Go to www.thinmanager.com and follow the link.

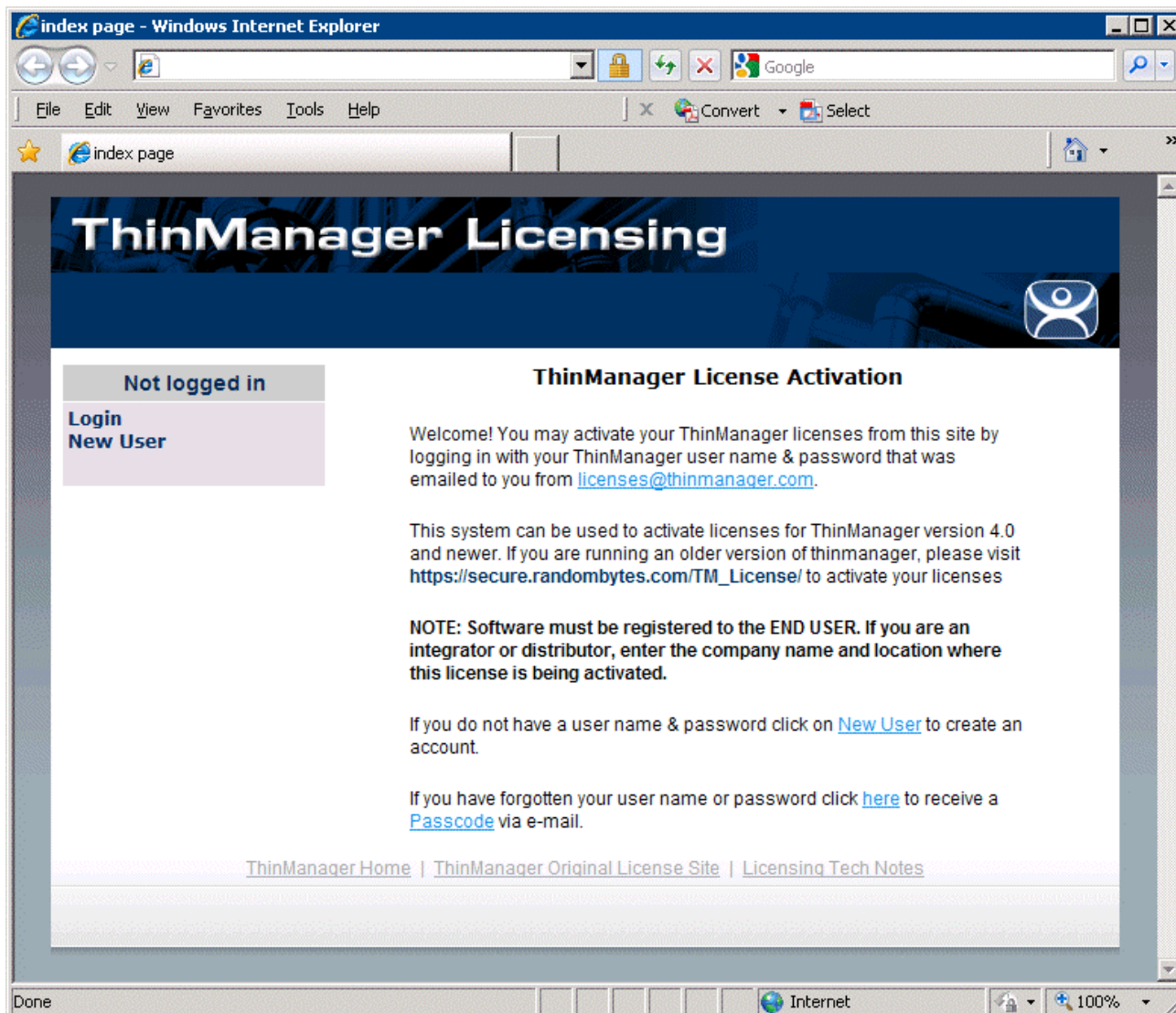




The screenshot shows a web browser window titled "ThinManager® - Thin Client Software - Windows Internet Explorer". The address bar shows "http://www.thinmanager.com/licensing/". The page content includes the ThinManager logo and "THINMANAGER PLATFORM 4" with the tagline "Centralized Configuration, Maintenance and Security for Thin Client Networks". A navigation menu contains links for HOME, PRODUCTS, PARTNERS, SUPPORT, EVENTS, NEWS, VIDEO INFO, and CONTACT US. A text block states: "ThinManager licensing has been updated for version 4.0 and later. Be sure to select the proper link below for the version you are attempting to activate or manage. See TechNotes for more information on ThinManager licensing." Below this, it says "If you are seeking a demo code for the new ThinManager 4.0 please [click here](#)." There are two large logos: "TMM3 THINMANAGER 3" and "THINMANAGER 4". Under the TMM3 logo is a link: "Use this link if you are attempting to activate or manage licenses for ThinManager 3.x and earlier." Under the THINMANAGER 4 logo is a link: "Use this link if you wish to activate or manage licenses for ThinManager 4.0 or later." This second link is highlighted with a red rectangular box. The browser status bar at the bottom shows "Error on page." and "Internet" with a 100% zoom level.

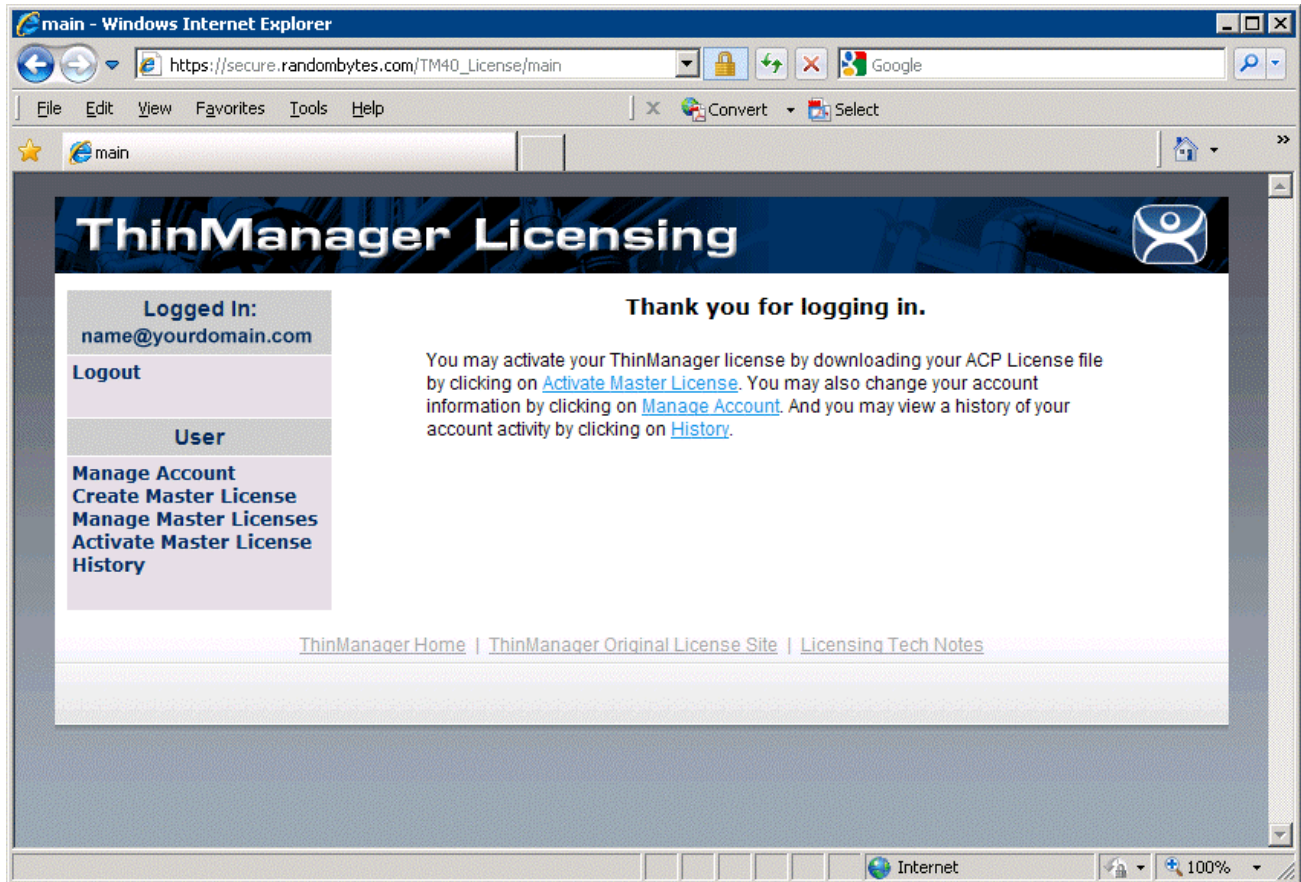
License Site Entry

Select the link to enter the ThinManager 4 section of the license site.



ThinManager 4 License Site Introduction Screen

Login to the site. If you are a new user select the **New User** link to create an account. Follow the instructions to create a new account.



License Site Main Screen

Once you are logged in the ThinManager Licensing site has a sidebar with 6 functions:

- **Logout** – This will log you out of the site and end your session.
- **Manage Account** – This allows you to change the details of the account, like address and phone number. It also has a link that allows you to change the password to one of your choosing.
- **Create Master License** – This creates the Master License that acts as a shell or container to hold the individual license product codes.
- **Manage Master License** – This allows you to add the product license codes of the individual license components to the master license.
- **Activate Master License** – This allows the master license to be activated and downloaded for installation.
- **History** – This shows the history of actions taken by the user.



Creating a Master License

Select the **Create Master License** link to initiate the creation of a master license.

Logged In: name@yourdomain.com

[View Licenses] [Create New] [Activate]

Logout

User

Manage Account
Create Master License
Manage Master Licenses
Activate Master License
History

Server Name / Server Description

Site Description

Company Name: ACP

Company Address: 4080 McGinnis Ferry Rd Suite 801

City: Alpharetta

State: GA

Zip/Postal Code: 30005

Country: USA

License Redundancy: None Full Redundancy Mirrored Redundancy

Submit

Create Master License

Enter a description of the license for your usage in the **Server Name/Server Description** field.

Redundancy field

License Redundancy is set with the radio buttons. Choose whether the system will have a single ThinManager Server (**None**), or a synchronized pair of ThinManager Servers (**Full Redundancy** or **Mirrored Redundancy**). The Terminal Connection Product License must match this selection.

- The master license can be created as a stand alone ThinManager Server (**None**) and have redundancy added later. You will need to contact ACP ThinManager tech support (techsupport@thinmanager.com) to have the master license converted from None to Full Redundancy or Mirrored Redundancy.
- A master license can be created as Full Redundancy or Mirrored Redundancy for a stand alone ThinManager Server and have the second ThinManager Server added at a later time.

Select the redundancy level that will be used and select the **Submit** button.



ThinManager Licensing

Logged In: name@yourdomain.com [View Licenses] [Create New] [Activate]

License Information:

| | |
|-----------------------------------|----------------------------------|
| License Number | 1111-2222-3333-ABCD |
| Description | Production Servers |
| ThinManager Title Bar Description | |
| Company | ACP |
| Address | 4080 McGinnis Ferry Rd Suite 801 |
| City | Alpharetta |
| State | GA |
| Zip/Postal Code | 30005 |
| Country | USA |
| Redundancy | none |
| Has Support | No |

[ThinManager Home](#) | [ThinManager Original License Site](#) | [Licensing Tech Notes](#)

Master License Information.

The site will create a master license and display the information for you. It is useful to print this page for your records.



Manage Master Licenses

Use the **Manage Master License** link to add licenses to the Master License.

| User | Master License Number | Description | Creation Date | | |
|-------------------------------|-------------------------------------|------------------------------|------------------|-------|------------|
| Download File | Add Product License | Edit License | 111-222-333-ABCD | Spare | 12/03/2009 |

View Master License

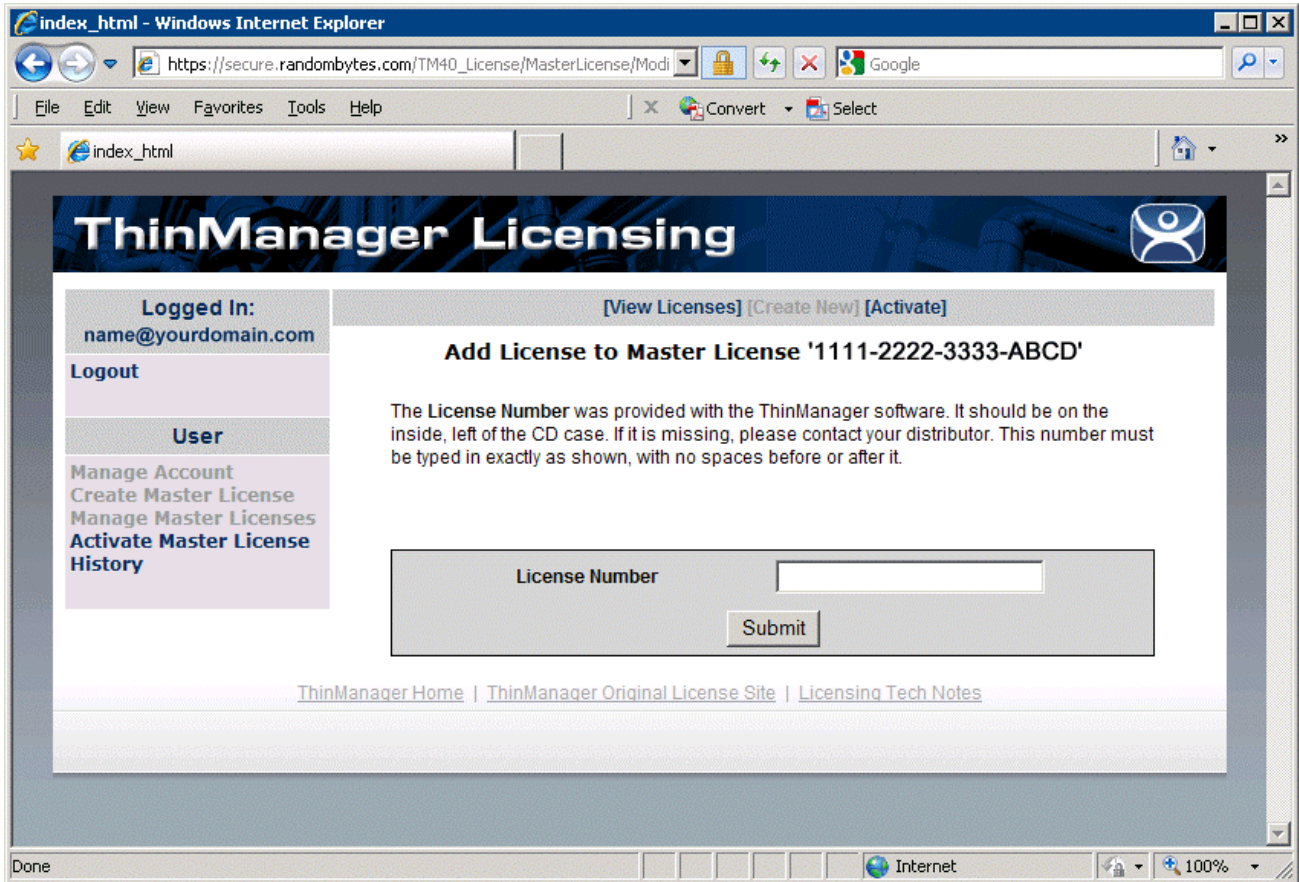
Selecting the **Manage Master License** link will display the master licenses.

- **Download File** – This link will download the master license file once the product codes of the component licenses are added. The Master License needs to be activated before downloading. If this link is selected before activation it will prompt for an activation.
- **Add Product License** – This link will allow a product code of a license to be added to the master license.
- **Edit License** – This link allows the descriptions of the master license to be edited.
- **Master License Number** – This link displays the master license details.



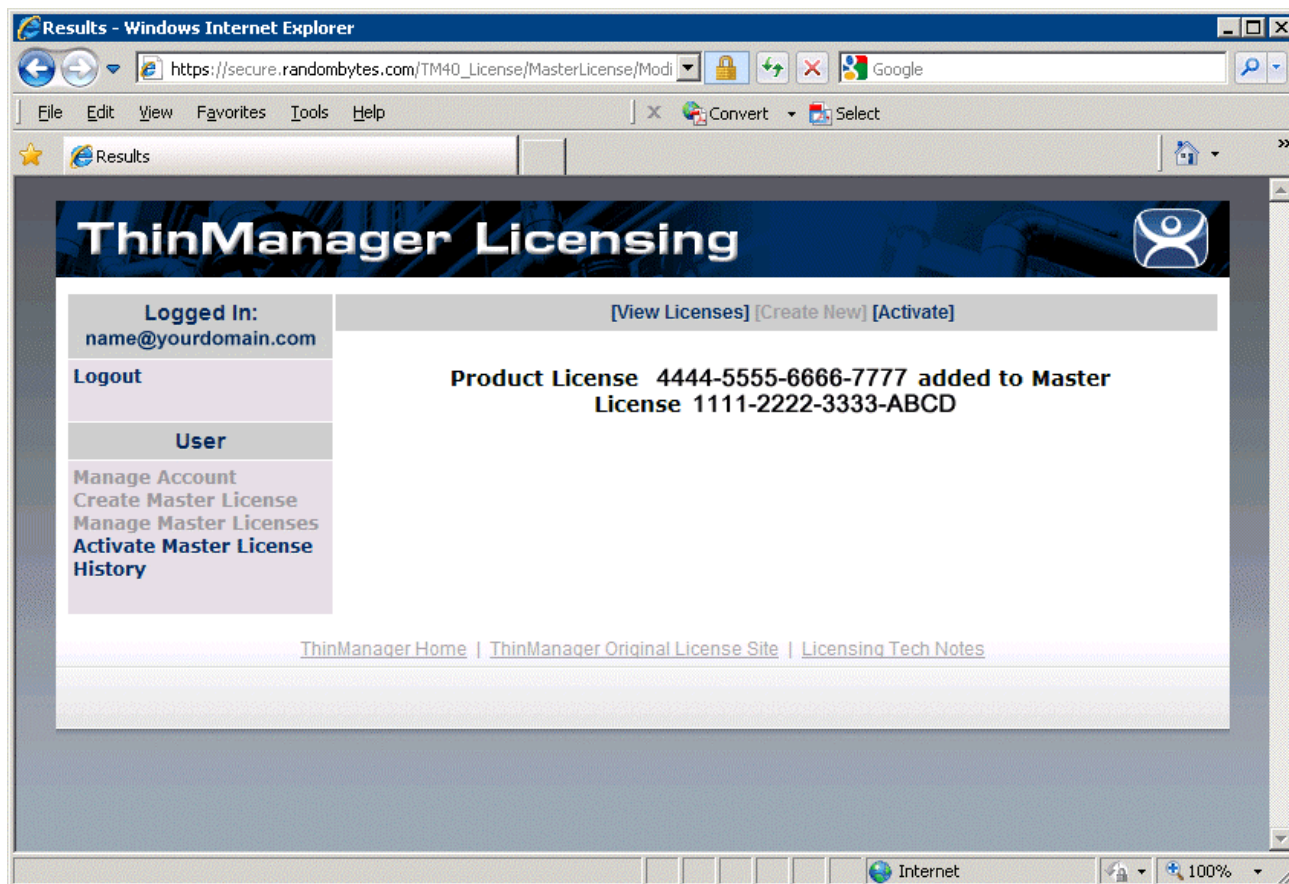
Add Product License

The Master License needs the product license codes of the component licenses to be added to the master license. This is done by selecting the **Add Product License** link of the **Manage Master License** page.



Add Product Code Window

Enter the product license code (license number) of the component license to the **License Number** field and select the **Submit** button.



Add Product Code Result Window

When a product code of a license is successfully added to the master license the web site will show a confirmation message.

Enter as many product codes as you have licenses to add to the master license repeat as needed.

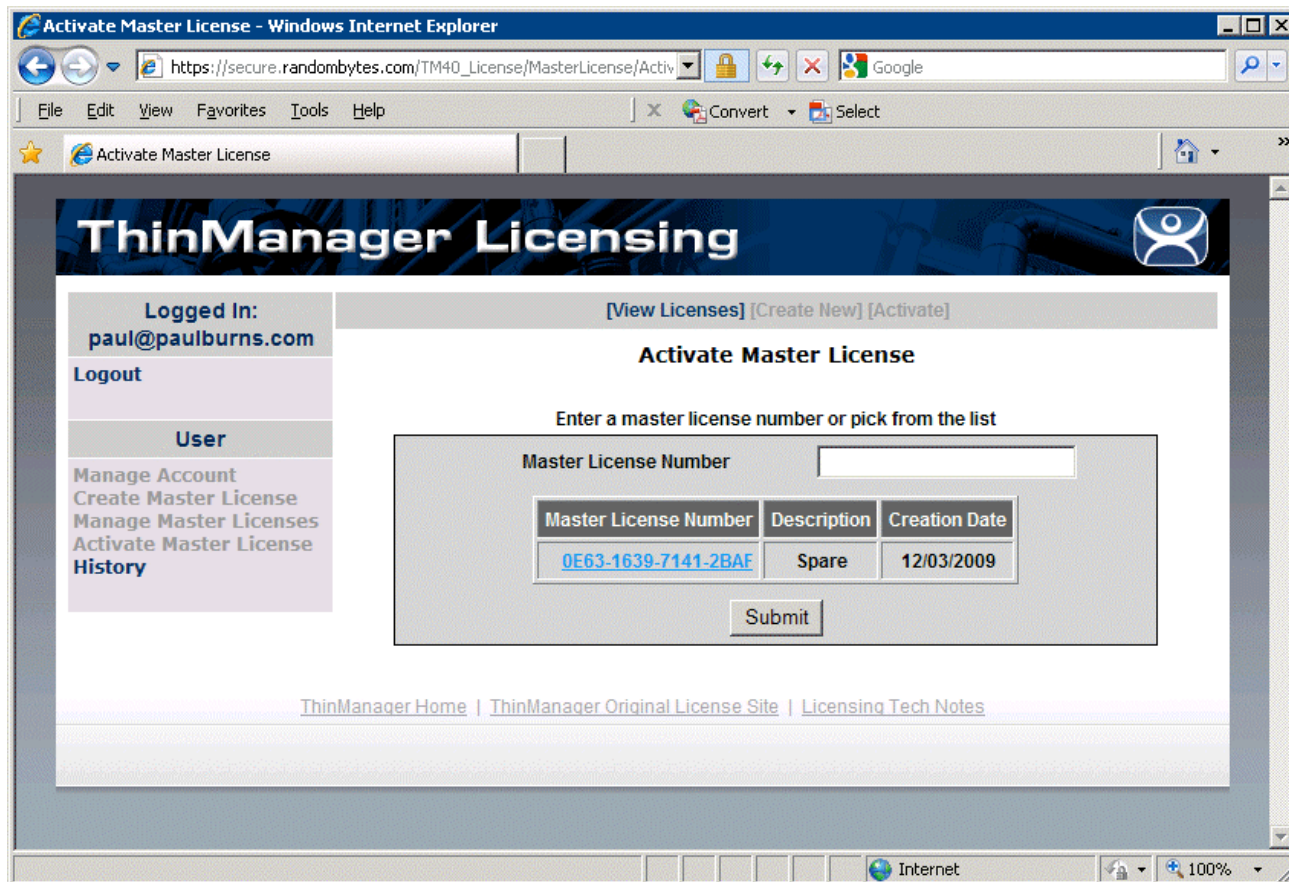
If you add a non-redundant Terminal Connection product license to a redundant or mirrored master license it will ask you which ThinManager Server you want to apply the product license to.

The master license will need activation and downloading after each group of product licenses are added.



Activate the Master License

The Master License needs activated and downloaded once the product license codes of the component licenses have been added to the master license. This is done by selecting the **Activate Master License** link of the **Manage Master License** page.



Activate Master License Page

Selecting the **Activate Master License** link will display the **Activate Master License** page with a list of all the master licenses that are registered to the person logged in.

Select the master license from the table or enter the master license number into the **Master License Number** field and select the **Submit** button.



Activate Master License Page

Activation requires the entry of the Installation ID of the ThinManager Servers that the master license will be installed on.

The Installation ID(s) will need to be added each time the Master License is activated or re-activated.



Licensing

Master License Number

| License Number | Description | Location | Redundancy | Expiration |
|----------------|-------------|----------|------------|------------|
|----------------|-------------|----------|------------|------------|

Installation Id

| | |
|-----------------|--|
| GREEN (primary) | <input type="text" value="6666-AAAA-BBBB-1111-2222-3333"/> |
| TSE46 | <input type="text" value="4444-6666-CCCC-DDDD-1111-2222"/> |

ThinManager Licensing Window with Installation IDs

The Installation IDs are shown on the **Licensing** window that is launched by selecting **Install > Licenses** from the ThinManager menu.

Enter the required installation IDs into the **Primary Installation ID** field (and the **Secondary Installation ID** field if needed) on the **Activate Master License** page of the License Activation web site.

Select the **Submit** button to finish the activation.



Download the Master License

Download the master license by selecting the **Manage Master Licenses** link from the main menu.

ThinManager Licensing

Logged In: name@yourdomain.com [View Licenses] [Create New] [Activate]

Logout

User

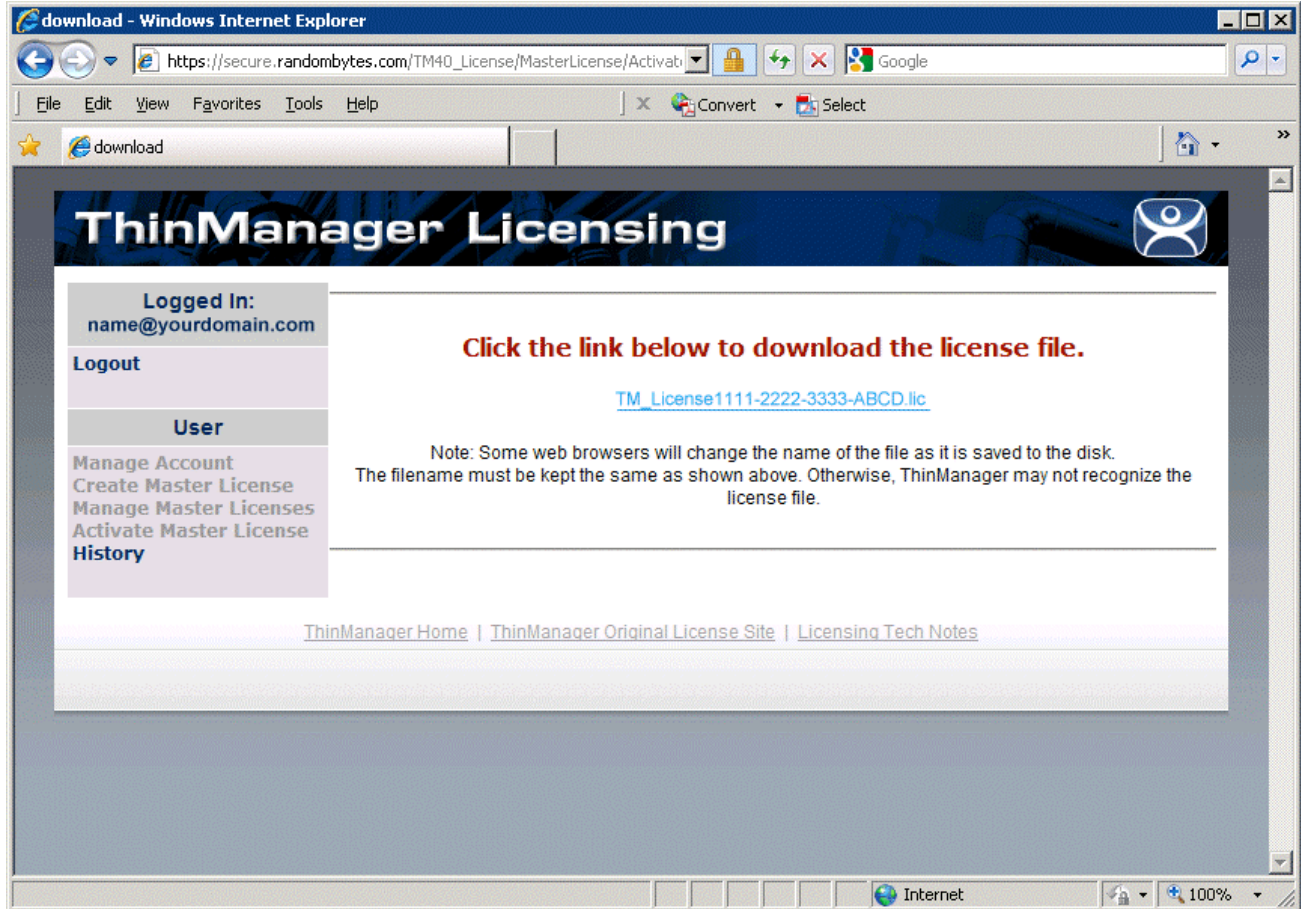
Manage Account
Create Master License
Manage Master Licenses
Activate Master License
History

| | | | Master License Number | Description | Creation Date |
|-------------------------------|-------------------------------------|------------------------------|-----------------------|-------------|---------------|
| Download File | Add Product License | Edit License | 111-222-333-ABCD | Spare | 12/03/2009 |

ThinManager Home | ThinManager Original License Site | Licensing Tech Notes

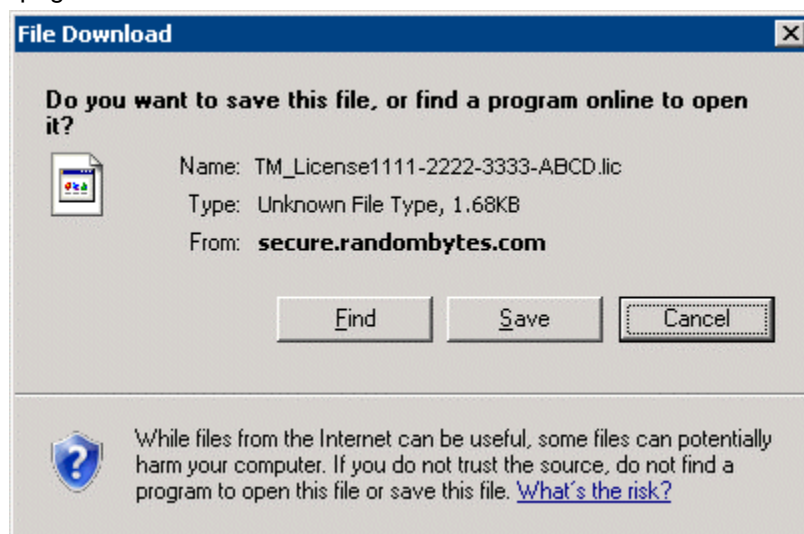
View Master License

Select the **Download File** link for the master license.



Master License Download

Select the link on the page to start the download.



File Download Window

The download will begin and prompt you to save the file. Do not save it directly into the ThinManager folder but save it to a folder that is accessible from ThinManager.



Adding a Master License to ThinManager

Licenses are added to ThinManager Servers by selecting **Install>Licenses** from the ThinManager Menu.

| License Number | Description | Location | Redundancy | Expiration |
|----------------|-------------|----------|------------|------------|
|----------------|-------------|----------|------------|------------|

Licensing Window – Single ThinManager Server

Single, unsynchronized ThinManager Servers will display the Installation ID for the local ThinManager Server.

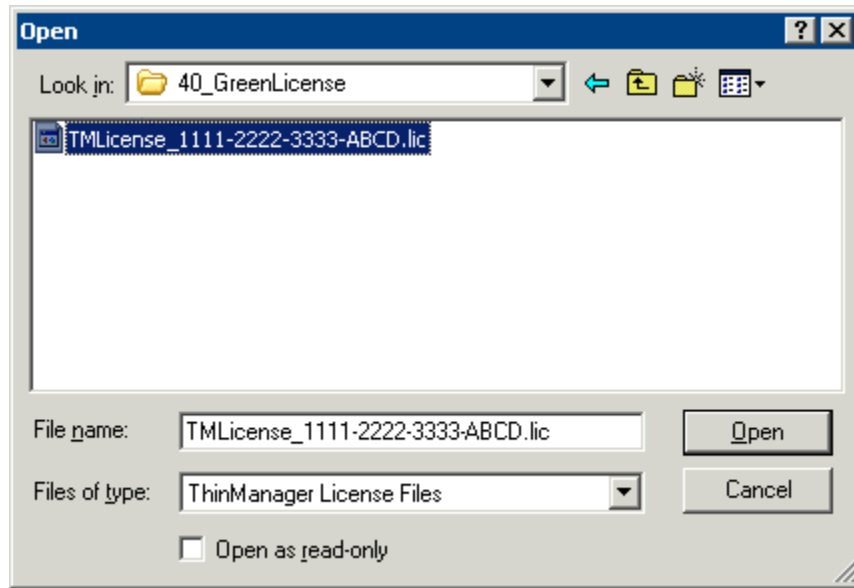
| License Number | Description | Location | Redundancy | Expiration |
|----------------|-------------|----------|------------|------------|
|----------------|-------------|----------|------------|------------|

Licensing Window – Single ThinManager Server

Synchronized ThinManager Servers will show the Installation IDs for both redundant ThinManager Servers. See the Automatic Synchronization Tech Note for details.

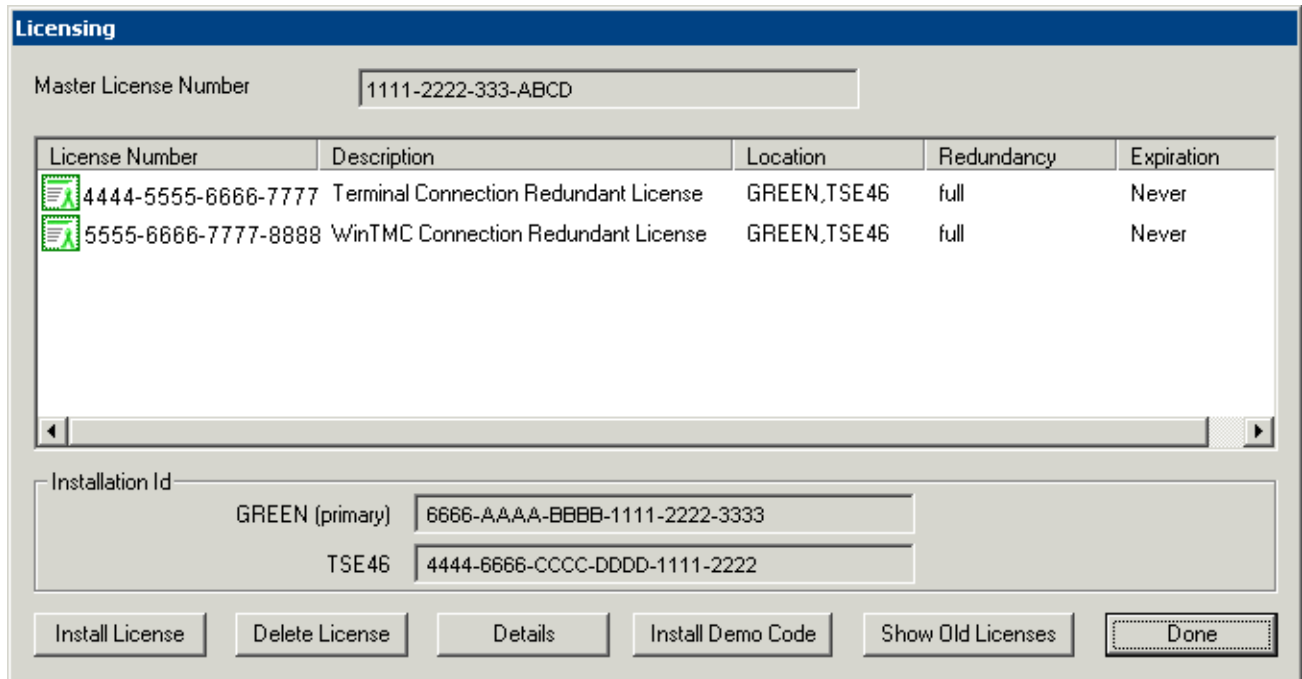


Select the **Install License** button to launch a file browse window.



File Browser for License Files

Browse to the folder that the master license is saved in. Highlight the master license and select the **Open** button to install the license.



Licensing Window with Licenses Installed

The master license will be displayed in the **Master License Number** field. The product code of each component license will be displayed in the license window.