

AllMyPapers

LICENSE SERVER MANAGER

User Manual

Version 2.3



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Manual Update History

Version	Updated By	Changes Made
1.0	Ray Higgins	Initial version
2.0	Ray Higgins	Complete Revision
2.1	Jacci Winchester, Ray Higgins	Clarity revisions
2.2	Ray Higgins	Dana's edits incorporated
2.3	Ray Higgins	Dropped .NET4.0 to 3.5

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1 INTRODUCTION

1.1 Overview

License Server Manager manages the licenses for AMP applications used by multiple users and supports access through Terminal Services. When properly licensed, it will generate temporary concurrent license files that will enable AMP applications to operate. A concurrent license controls the number of concurrent users allowed by the licensing. When an AMP application is started it first checks for the availability of the concurrent license. If one is available it will check it out, increment the used count and decrement the available count. The AMP application frees the license upon its termination.

Concurrent license files are generated on a daily basis.

1.2 Licensing Models

AMP supports three different Licensing models as follows:

Standard License – Intended for single user non Terminal Services. The terms of this license do not allow shared use of application through Terminal Services (remote desktop).

Server Licensing – This supports shared multi user access of AMP technologies. Enables from 1 to 63 concurrent users sharing an AMP enabled application through Terminal Services.

Distributed Licensing – This model allows installation of AMP enabled applications on multiple workstation/servers that will share licenses that are installed on a single workstation/server. Distributed licensing will enable from 1 to 63 users to share the licenses concurrently. Also supports the use of Terminal Services to access the client machines. You can also combine Distributed Licensing with Server Licensing. In this mode you can have the AMP enabled application installed on both client machines and the License Server machine.

1.3 License Manager/Server Manager Installations

Distributed and server licensing. Both modes require the License Server Manager application to be installed on the server that will control the licenses. This manual describes how to install and setup this application.

There are two different downloads of the AMP License Management software. These are as follows:

License Manager

Install License Manager for Standard Licensing.

Also install License Manager on client machines for the Distributed Licensing. The License Manager will configure the location of the centralized licenses on the client machine. .

License Server Manager

Required for Server and Distributed Licensing. For Distributed Licensing this is only required on the single server/workstation that will manage the licenses.

2 LICENSE SERVER MANAGER INSTALLATION AND SETUP

2.1 Prerequisite Hardware and Software

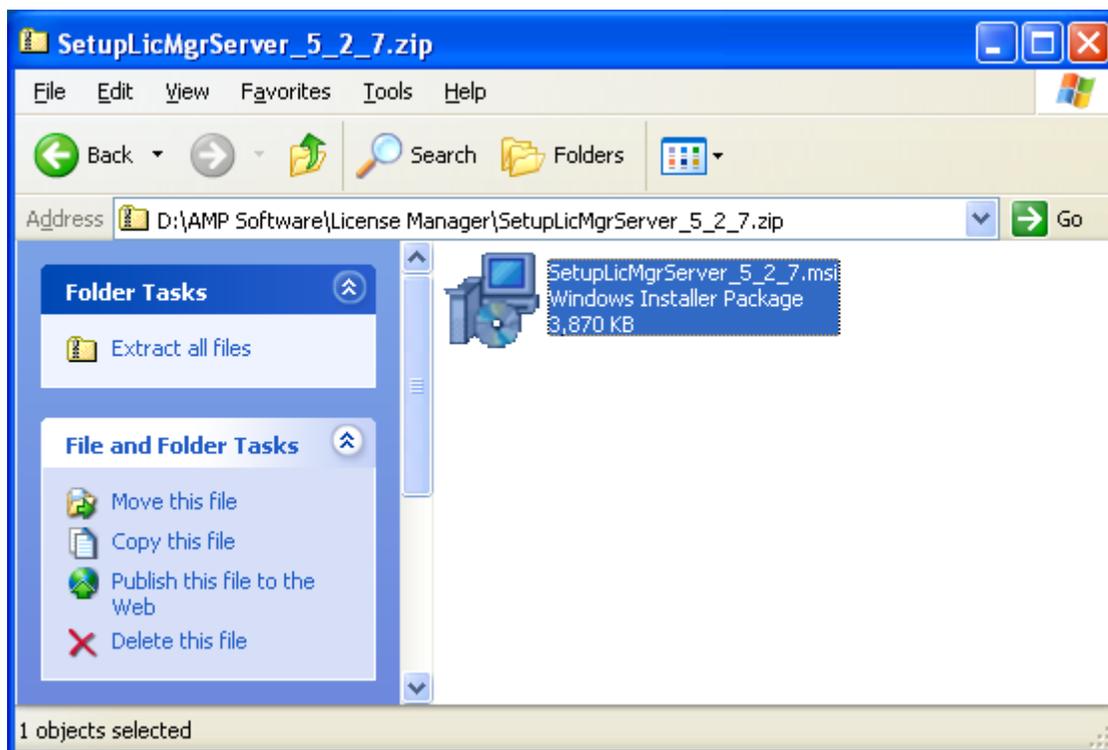
- Windows Workstation or Server (Windows XP, Server 2003/2008, Vista, Windows 7)
- **License Server Manager requires .NET 3.5**

2.2 Prerequisite AMP License

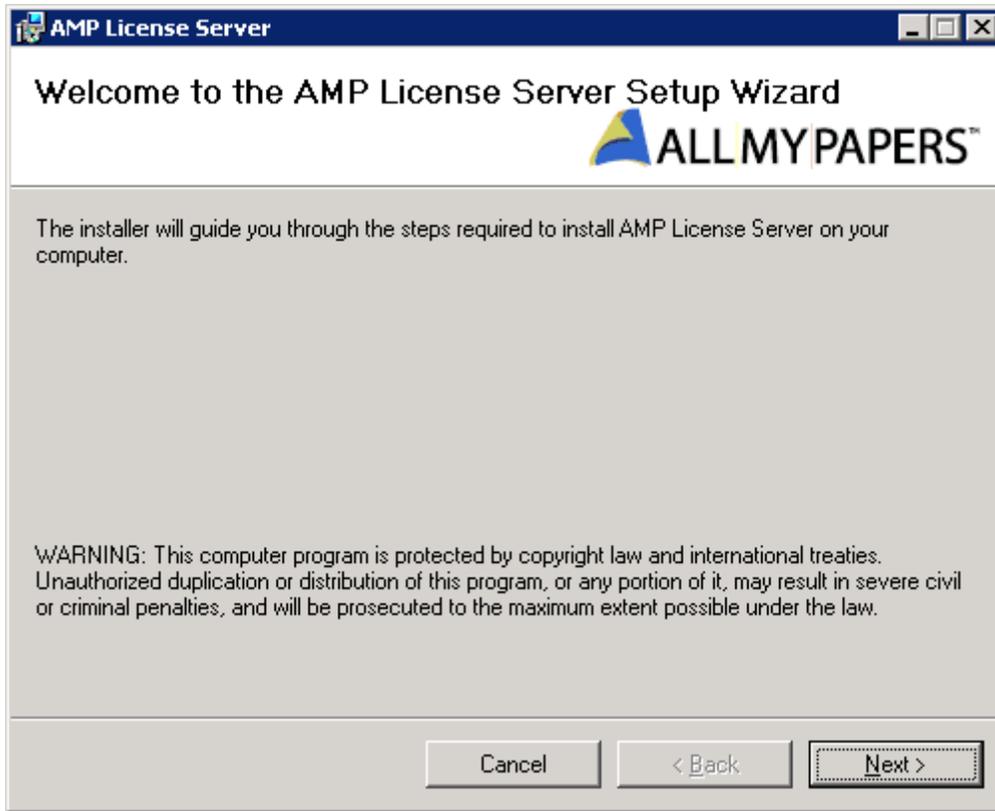
For the License Server Manager Application to operate the server/workstation is required to have AMP licenses installed. Licenses are required for the License Server Manager application and the AMP applications that use/require server or distributed licensing.

2.3 Installation

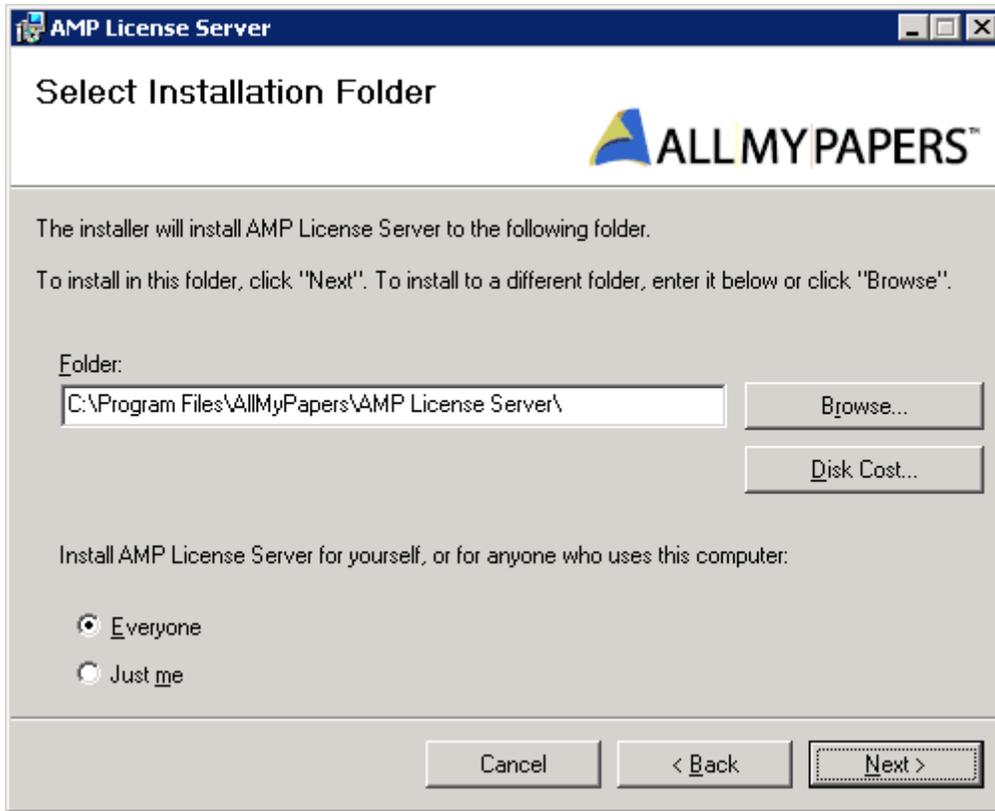
1. Download and install the license server manager application at http://www.allmypapers.com/license_manager.htm
2. Locate and run the SetupLicMgrServer_X_X_X.msi where X_X_X is the release version number.



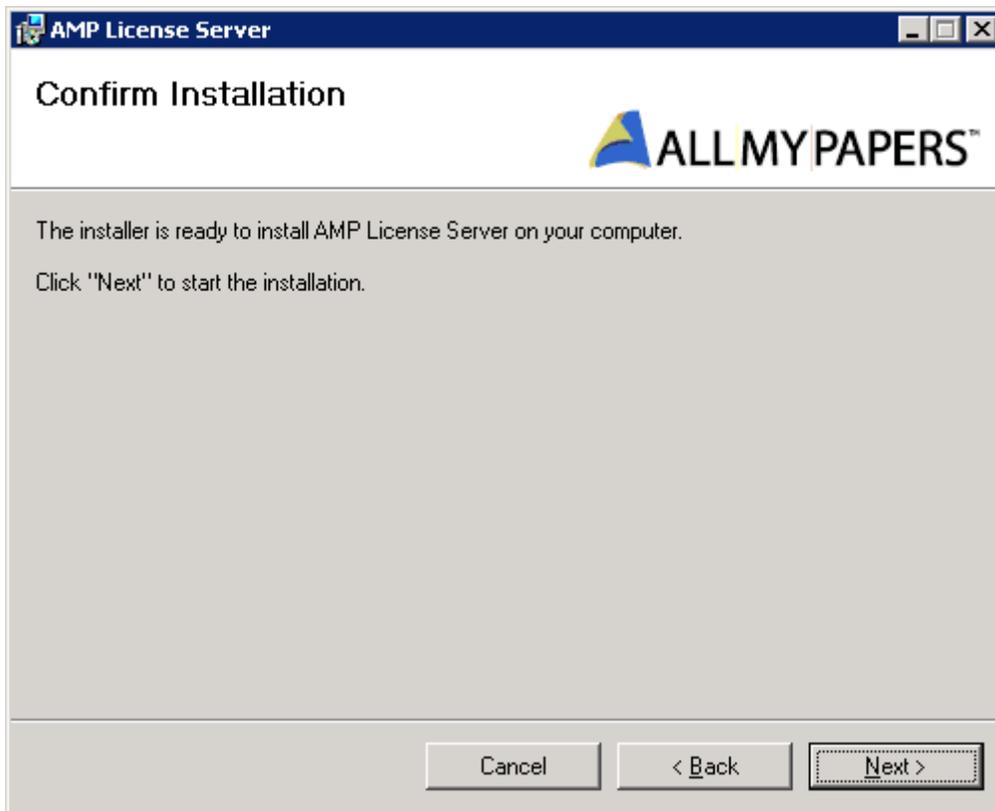
3. Select "Next".



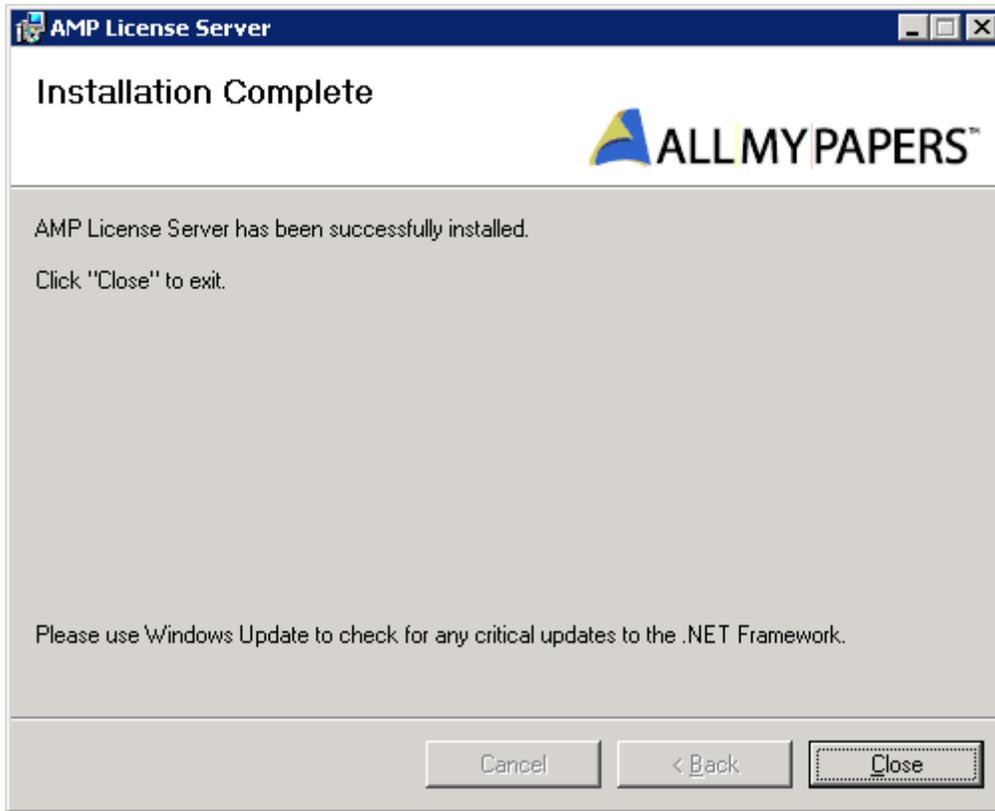
4. Use the default location or select a new location. Install for everyone to use. Select "Next".



5. Select "Next". This step will install the application.



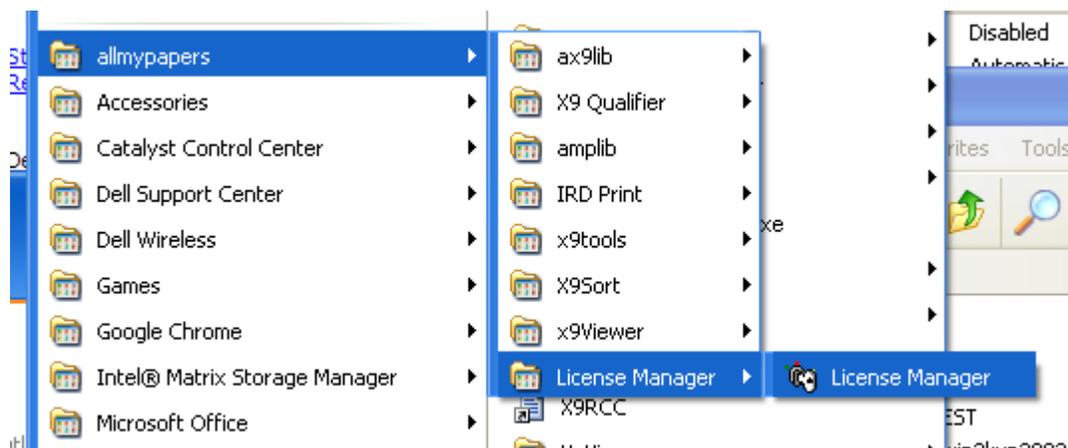
6. The installation is now complete. Select "Close".



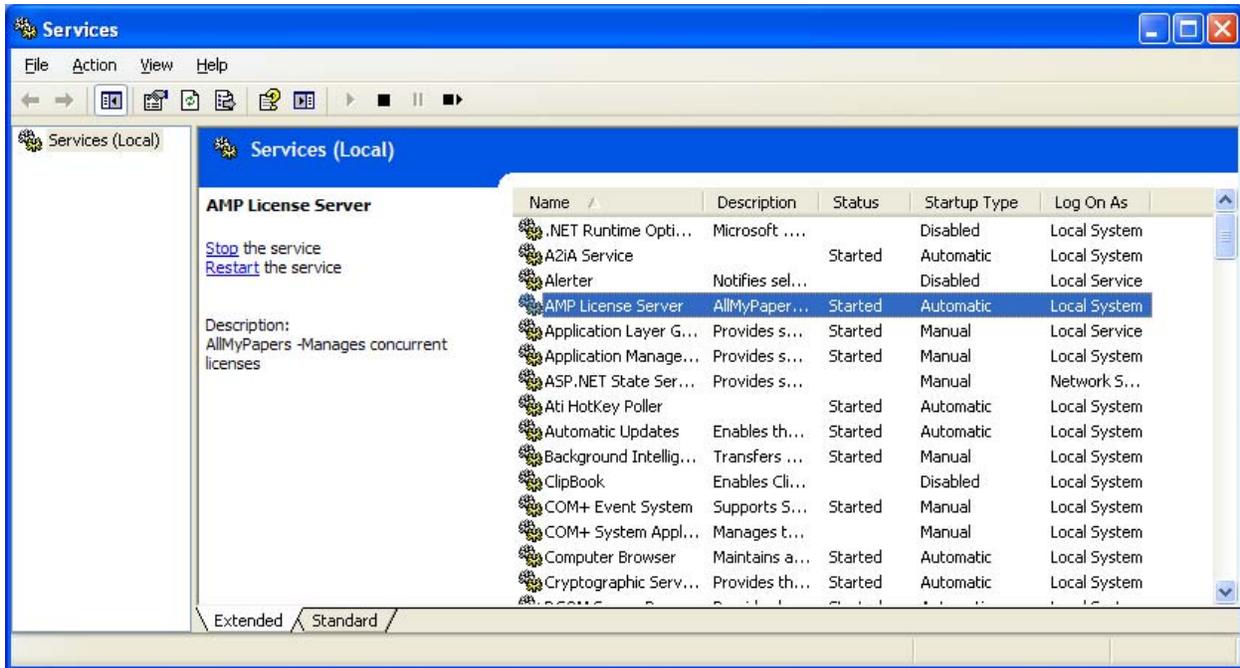
2.4 Installation Overview

This install process has installed and setup two modules as follows:

- 1) License Manager Application for installation of licenses and configuration of server licensing.



- 2) AMP License Server Service. This will be installed and started by the install process. View the installed services to see running or to manual stop or restart the service.

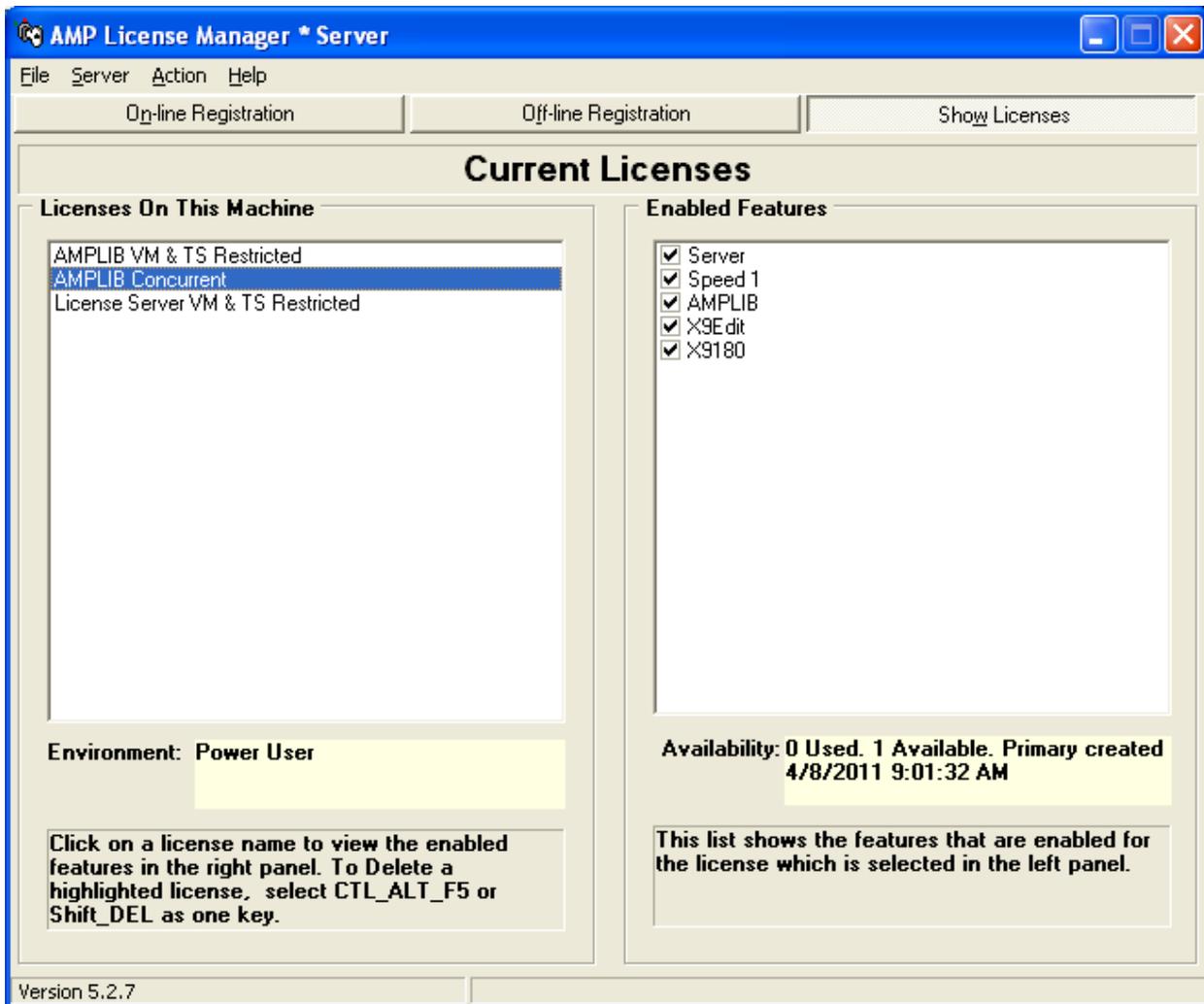


2.5 Install the licenses

Using the License Manager Application install the licenses delivered to you in the email. The licenses need to include a License Server License and the license(s) required for the AMP technology. Normally this will be an AMPLIB and/or AX937LIB license.

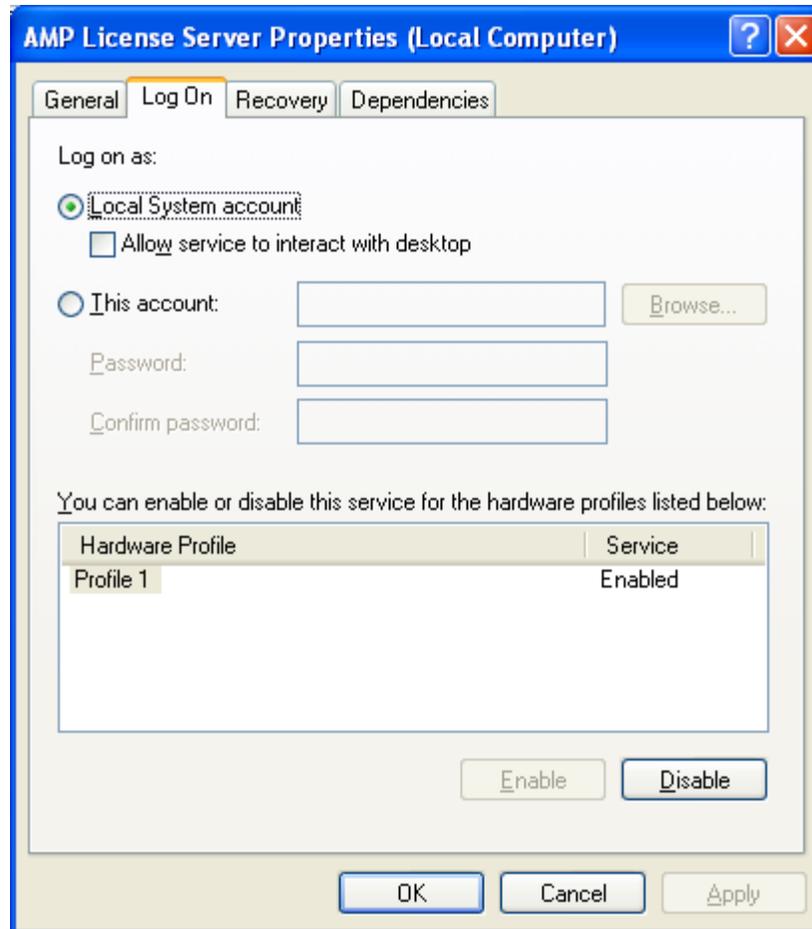
2.6 Verify Installation

Select the "Show Licenses" tab. Verify that you have a Concurrent License. This confirms the operation of the License Server Manager. Your AMP enabled application will now be licensed. If you do not see a Concurrent License displayed then proceeds to the next section.



2.7 What to do if Installation Fails

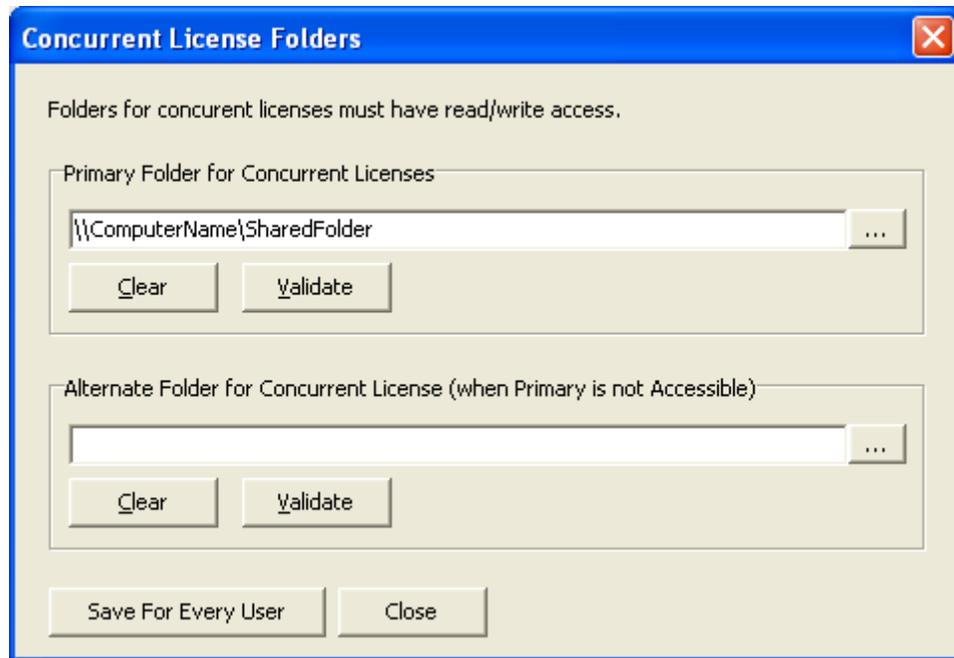
1. Regenerate the concurrent licenses. Go to menu: Server->Regenerate Concurrent Licenses. Then go to menu: File->Refresh.
2. Ensure the License Server service is running. Go to menu: Server-> Is License Service Running. If not running go to Services and start "AMP License Server" manually.
3. Ensure the service account has full privileges to the directory where the concurrent licenses are generated (menu Server->Concurrent License Folders). This may require setting up a special account to start the service. Go to services. Right Click "AMP License Server". Select Log On tab.



2.8 Distributed Licensing Setup

The client machines that will have the AMP enabled applications will need access to the directory where the Concurrent Licenses are generated. All users will need full access privileges to this directory.

- 1) The location of this directory can be found using License Manager on the License Server machine. Select menu Server->Concurrent License Folders. The location can also be changed if desired.
- 2) This directory location will need to be shared for the other users to access.
- 3) Setup the client machines to point to the location of the concurrent licenses. You have two options for setting up the client machines:
 - a. License Manager Method
 - i. Install License Manager (not License Server Manager) on the client machines.
 - ii. Select the Concurrent License Folder and enter the network path to the location of the Concurrent Licenses.
 - iii. Select Validate to ensure the directory path name is correct and that you have privileges to access this folder.



- b. Batch Program
 - i. Generate a "Activate User Utility" batch file. (menu Server->Create Activate User Utility)
 - ii. Run this utility from all the accounts on the client machines that will access these concurrent licenses.

3 HIGH AVAILABILITY CONFIGURATION

For high availability configurations you may set up two different licensing servers. Each server will need to have the License Server Manager application installed. A second set of licenses are also required for the second licensing server. The AMP applications will look in both locations for available licenses. For example if you have two licensing servers each with 2 user licenses installed, than this configuration will allow a total of 4 users assuming both servers are online.