

# Using the IMS Network license server



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## Change log

Change Control Record			
Date	Description	Revision	Author
28-04-2014	Original document	rev0	Riaan Enslin
30-04-2014	Revised layout and corrections	rev1	Riaan Enslin
01-09-2014	Revised pictures	rev2	Riaan Enslin
27/10/2014	Added list session feature	rev3	Riaan Enslin

# 1 Introduction

This document describes the license setup in the IMS software packages and the use of the IMS network license server.

To be able to use this feature, the client applications (Synapse, Trace or Vantage) needs to have network access to the seismic server where the license server is located. This allows multiple people to have access to the seismic software without the need to separately license the computers or moving HASP license keys around.

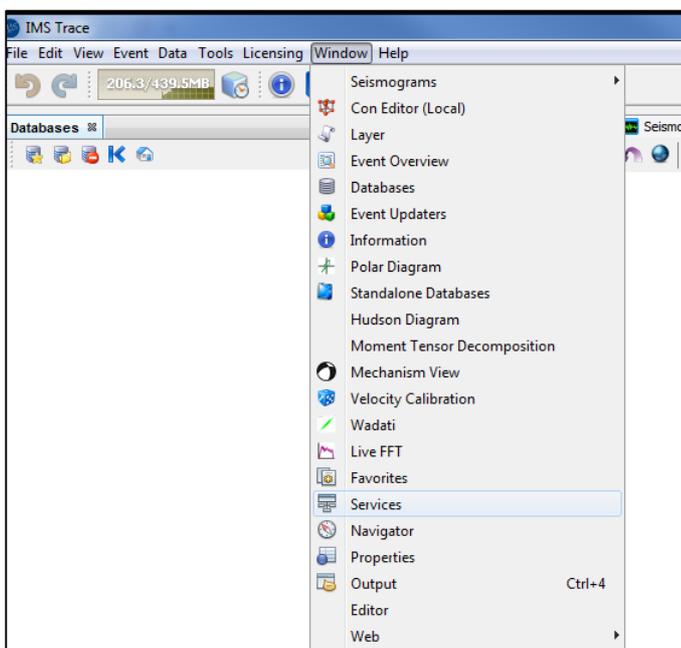
If the client software does not have direct access to the IMS license server, then normal hardware licenses (PC or MAC address) or HASP dongle licenses are required.

## 2 Setup Network license server in IMS Applications

If multiple IMS applications exists on the same computer, the server setup only needs to be done on a single application as all of the applications share the same server list. The license bookings explained in section 3.1 will however still need to be done in the separate applications.

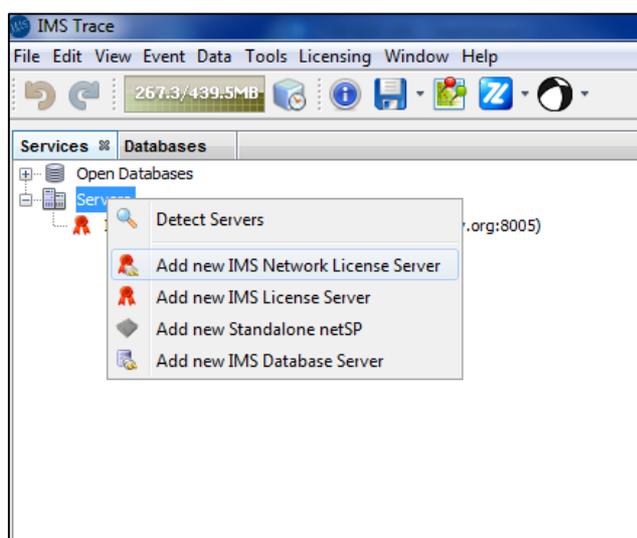
In this document, IMS Trace will be used, but the setup and usage is the same for IMS Synapse and IMS Vantage.

**(Please make sure that all applications are up to date.)**



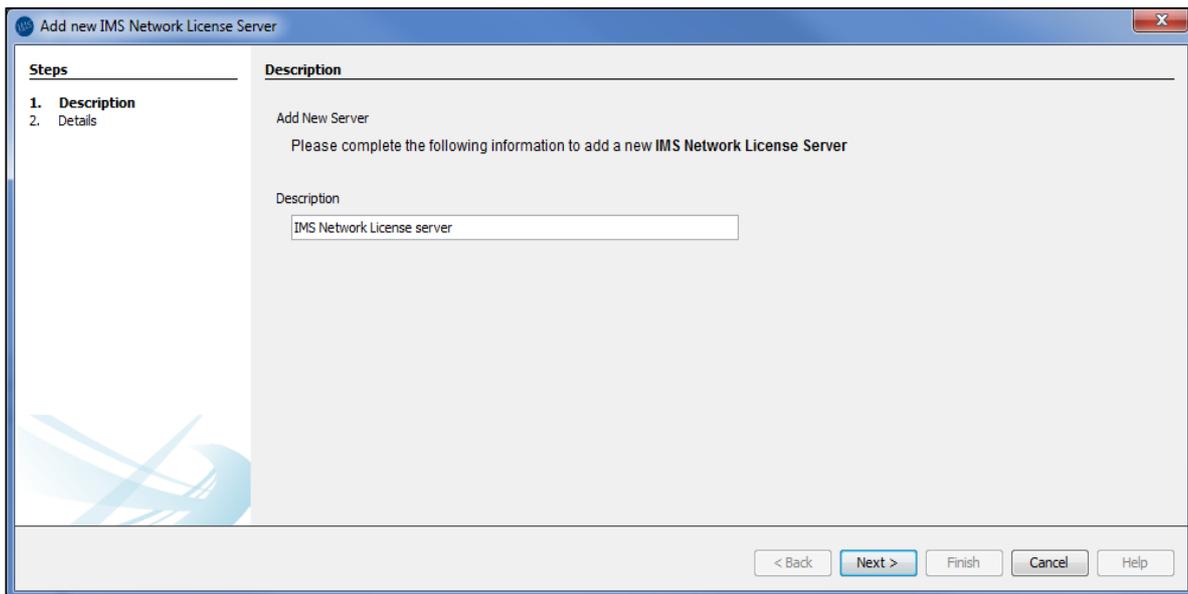
Select Services from the Window Option tab.

(A new services window will appear.)



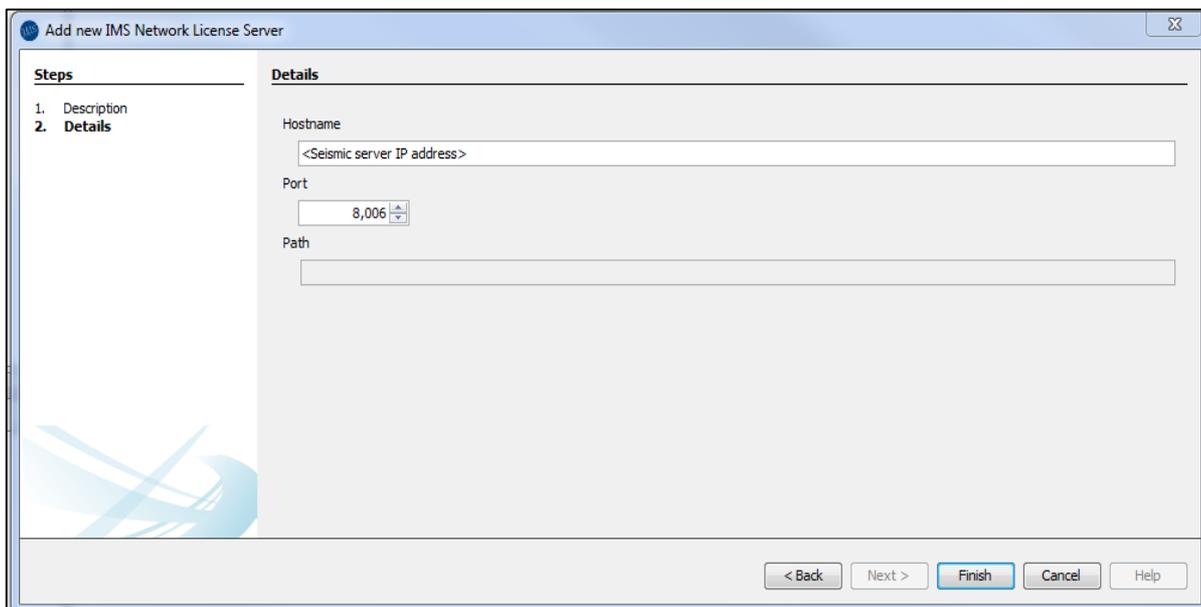
In the services window, right click on "Servers" and select "Add new IMS Network Licence Server".

Please follow the prompts of the setup wizard.



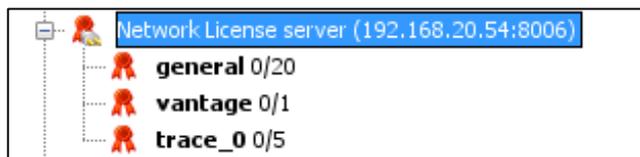
The screenshot shows a window titled "Add new IMS Network License Server". On the left, a "Steps" pane lists "1. Description" and "2. Details". The main area is titled "Description" and contains the text "Add New Server" and "Please complete the following information to add a new IMS Network License Server". Below this is a "Description" label and a text input field containing "IMS Network License server". At the bottom right, there are five buttons: "< Back", "Next >", "Finish", "Cancel", and "Help".

Add the server description and select "Next".



The screenshot shows the same window, now on "Step 2: Details". The "Steps" pane lists "1. Description" and "2. Details". The main area is titled "Details" and contains three input fields: "Hostname" with the placeholder text "<Seismic server IP address>", "Port" with a dropdown menu showing "8,006", and "Path" with an empty text box. At the bottom right, the buttons are "< Back", "Next >", "Finish", "Cancel", and "Help".

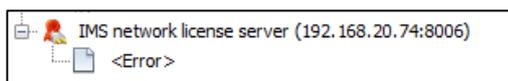
Add the seismic server's IP address and port 8006 and select "Finish".



After the setup is complete, the new network license server should appear in the server list.

By selecting and expanding the license server, all of the available licenses will appear in the list.

\*Note: If a license server is selected and an error is displayed,



Please check the following:

- Make sure the seismic server is accessible. (example: ping the server).
- Make sure the IMS application is set to the correct proxy settings.
- Contact IMS to check if license server is operational.

### 3 Adding and Removing license bookings

Free viewer licenses will usually be listed as general licenses, but other software packages that require paid licenses will be listed separately, for example Trace and Vantage.

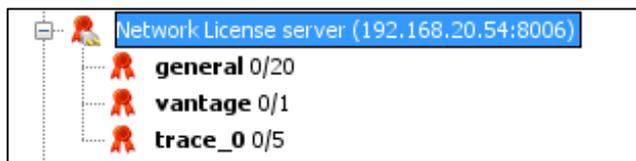
Please make the license booking in the software package that requires the license.

Example: Do not make a license booking for IMS Vantage in IMS Trace.

The licenses will be listed with the name format:

<product>\_<netid> <used licenses>/<available licenses>

Example:



“trace\_0 0/5” indicates:

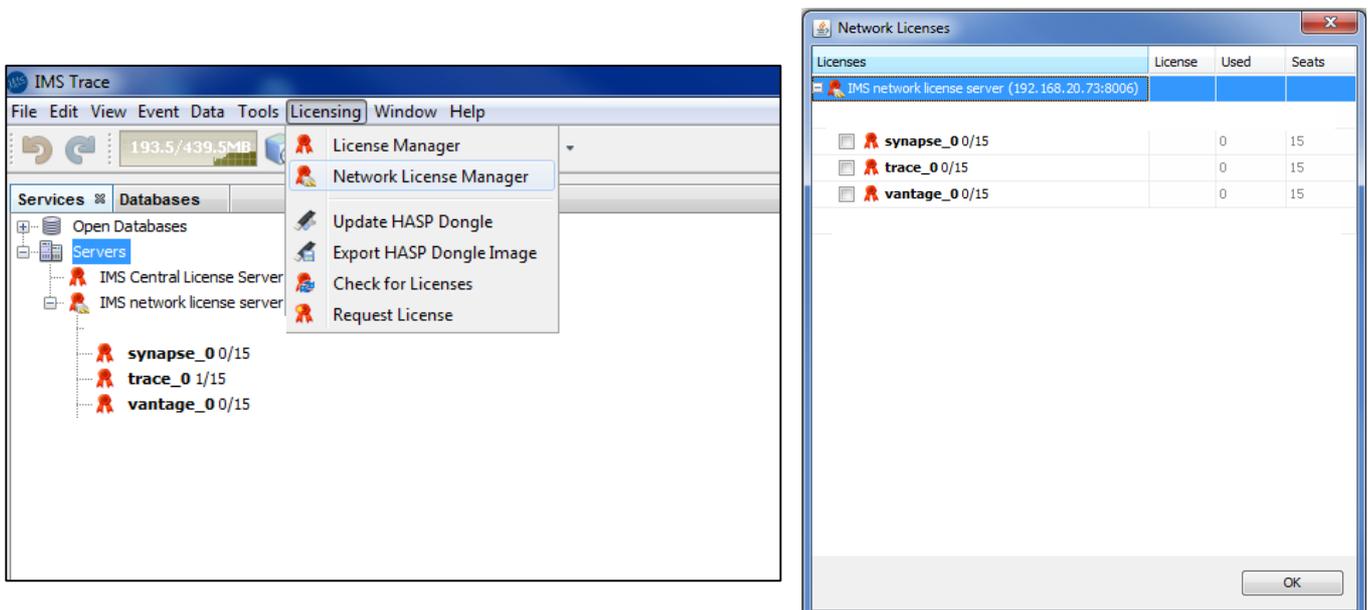
Product: Trace

netID: 0

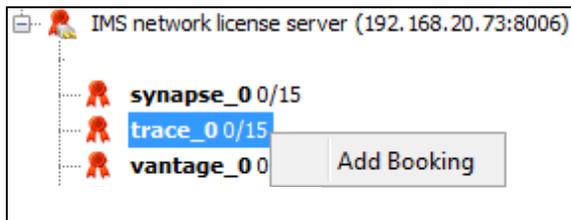
Used licenses: 0

Available licenses: 5

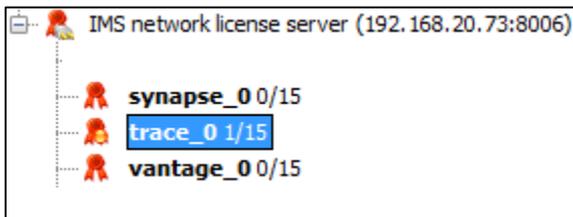
Licenses can be managed from the services window or from the Network License manager located under Licensing -> Network License Manager



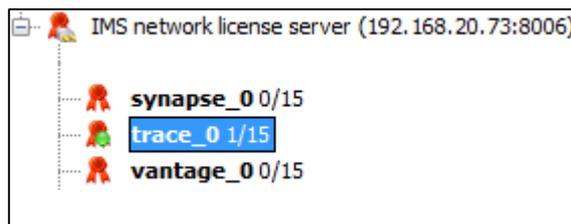
### 3.1 Adding a license booking and getting a seat



To add a booking, right click on the desired license and select "Add booking" or tick the license in the Network license manager.



The license that was selected for a booking will receive an orange status marker indicating that it made the license booking and is waiting for a license seat to become available.



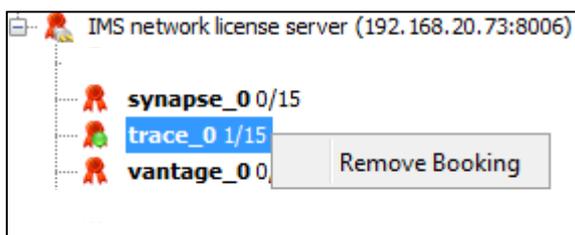
When the license is booked and the seat is reserved, the status marker will change from orange to green.

### 3.2 Remove a license booking/release a license seat reservation

When closing the IMS software packages on a computer where the booking was made, it will automatically release the reserved license seat for someone else to use.

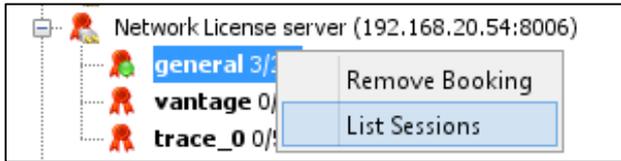
The software will remember the booking that was previously made and rebook the license when the software is reopened.

If the bookings need to be permanently removed so that it will not request a license when the software is re-opened, the booking needs to be removed.



The booking can be removed by selecting "Remove Booking" or by removing the tick next to the license in the Network License Manager.

### 3.3 List Active Sessions



When a license have been reserved by an user, the details of the user is stored on the license server.

These details can be displayed by right clicking on the license where the license has been reserved and then select "List Sessions".

The information is displayed as user@computer-name (process ID).

In the example below there are three users using a general license.

Example:

User: Riaan

Computer name: Hephaestus

Process ID: 17356



## 4 Maintenance and Support

The Institute of Mine Seismology has a number of maintenance and support options available to our customers.

The contact details for support are as follows:

### **Institute of Mine Seismology - Australia**

Technical Support Mobile : +61 (0)40 747 4351  
Seismology Support Mobile : +61 (0)42 855 2959  
Office : +61 (0)3 6272 4282  
Seismology e-mail : [Seismology.au@imseismology.org](mailto:Seismology.au@imseismology.org)  
Support e-mail : [Support@IMSeismology.org](mailto:Support@IMSeismology.org)

### **Institute of Mine Seismology – South Africa**

Technical Support Mobile : +27 (0)83 299 3915  
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Office : +27 (0)21 819 7461  
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