# Lumenvox

# Installation (Windows / TEL)

Install the Lumenvox Packages which can be obtained from the Lumenvox site:

http://www.lumenvox.com/knowledgebase/index.php?/article/AA-00627/151/

Install the packages as administrator (right mouse click ... run as administator):

- Engine\_(version).exe
- LVTools\_(version).exe
- LicenseServer\_(version).exe

And then any required languages, for example:

• German\_(version).exe

32 Bit

Note: Install the 32 Bit Versions.

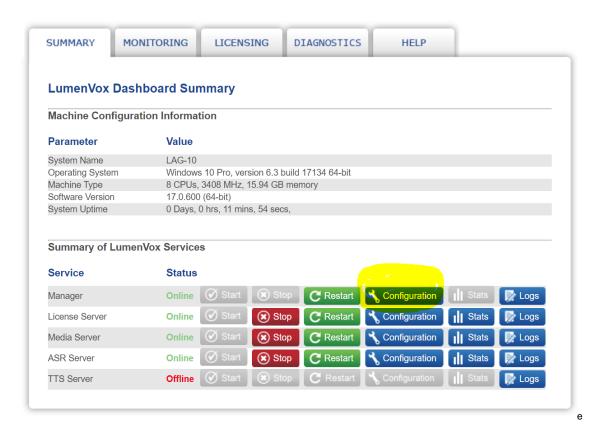
Host IP and Port 8080

NOTE: The IP Address and Port of the Lumenvox Dashboard should be changed.

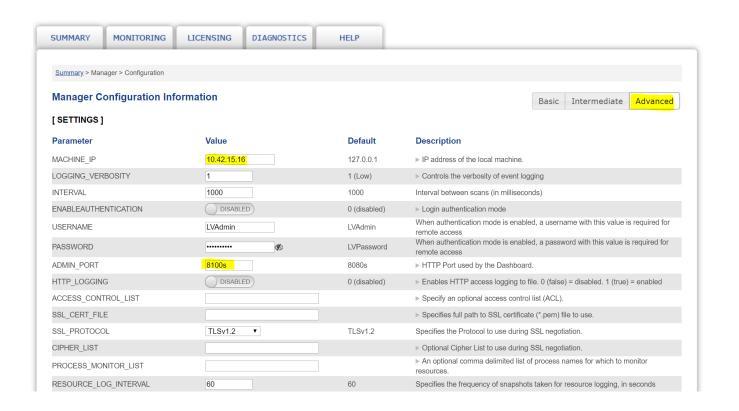
The Lumenvox Dashboard uses Port 8080 as standard. You will need to stop any running services on Port 8080 before installation, and then reconfigure Lumenvox to use a different port if this will be a problem.

Also, it is recommended to set the machine IP Address.

The configuration is accessed here:



And can be changed here (click on advanced first), then change the MACHINE\_IP and ADMIN\_PORT as necessary:



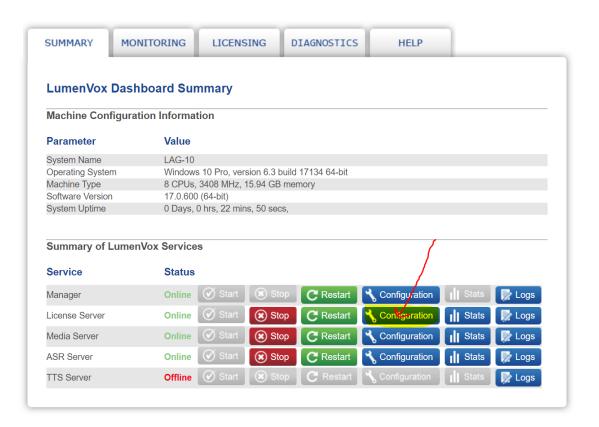
### Set Environment Variable

Set the following environment variable to the lang directory of the installation, for example:

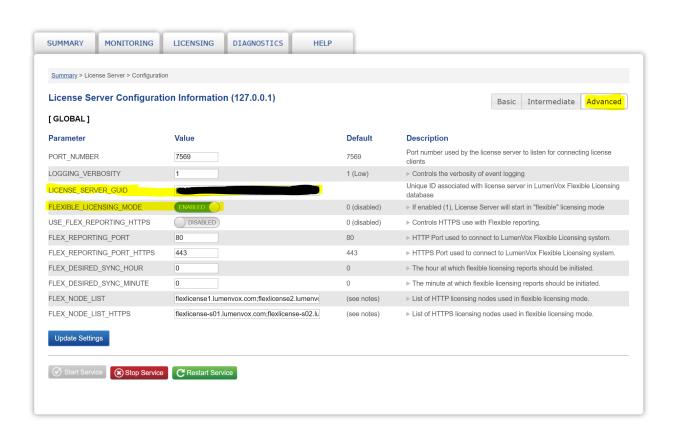
LVLANG=D:\LumenVox\Engine\Lang

# License Configuration

Configure the license server using the Lumenvox Dashboard:

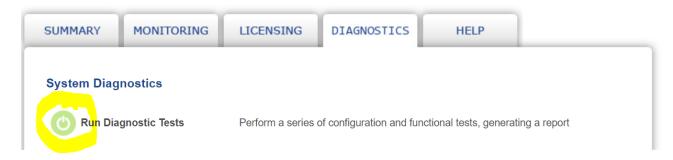


Click Advanced, enter the License Server GUID and enable Flexible Licensing Mode. Then click Update Settings and Restart Service.



# **Run Diagnostics**

Next, run diagnostics:

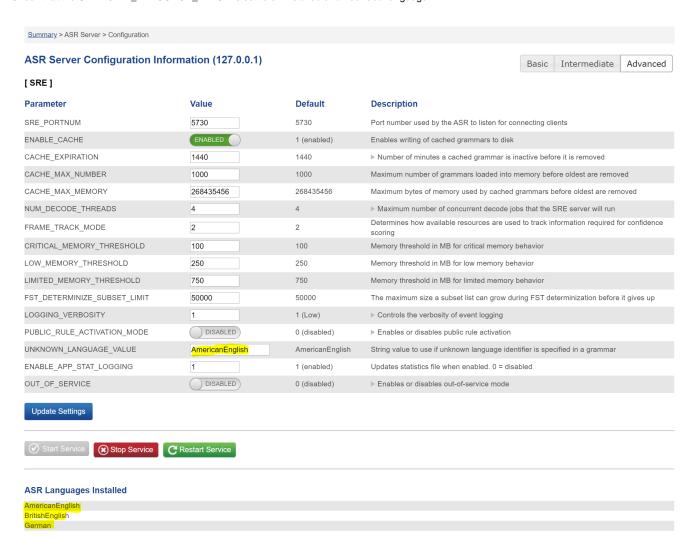


This will let you know what other settings you should change.

It is recommended to check the following settings:

# **ASR Server Configuration**

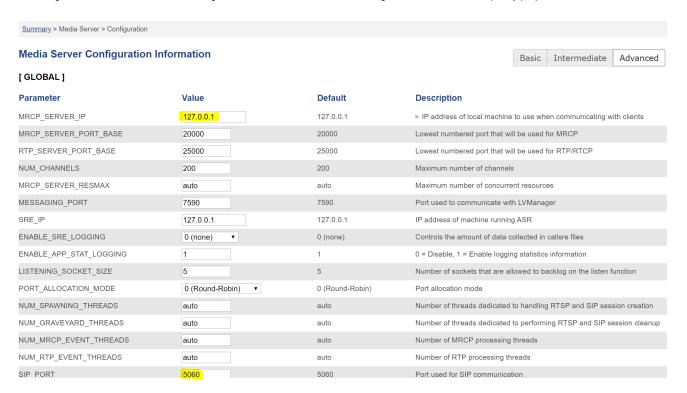
Check that the UNKNOWN\_LANGUAGE\_VALUE is set to an installed and licensed language.



## Media Server Configuration

Change the MRCP\_SERVER\_IP to the ip address of the local machine.

Also, change the SIP PORT used to something other than 5060, if SIP is also running on the machine for telephony purposes.



### Diagnostics

Run diagnostics again. You should receive an error for the TTS engine - this is normal, but otherwise all other diagnostics should run OK.

# jtel 8-Server Configuration

### **Binaries**

Copy all files from \8Server\deploy\0EM\JTEL\ClientServer\Release to the \8Server\bin directory.

### Configuration

#### Download all Configuration files to the \8Server\Config directory.

https://cdn.jtel.de/downloads/asr/LumenVox/csClient.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/csDirector.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/csResServerLV.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/csUDPListener.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogClientFile.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogDirectorCMD.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogDirectorFile.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogResServerCMD\_LV.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogResServerFILE\_LV.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogUDPListenerCMD.cfg
https://cdn.jtel.de/downloads/asr/LumenVox/LogUDPListenerFile.cfg

#### Check the following settings:

Setting	Configuration Files	Value
Server_Name	ALL FILES	Change this setting appropriately. For example acd-tel1 RESSERVER Lumenvox or acd-tel1 DIRECTOR.
Paths	ALL FILES	Check all paths for c:\8Server\ and change all if you have installed to another location.
UDP_Broadcast_IP_Addr ess	ALL FILES	Change this in all files to the local network UDP broadcast address for discovery purposes.  This setting is important even with just one server, as the CLIENT (DLL), DIRECTOR (ROUTING) and RESSERVER (the actual ASR Server) need to find eachother even on the local machine.
Recogniser_DLL_Name	csResServerLV.cfg	Make sure this points to \8Server\bin\StdRecLV.dll
Recogniser_Name	csResServerLV.cfg	Lumenvox
Recogniser Count	csResServerLV.cfg	Set this to the number of licensed channels.
Recogniser_Language_C ount	csResServerLV.cfg	Set this to the number of licensed languages.
Recogniser_Language_0	csResServerLV.cfg	Set this to the language ID of the first licensed language.  See the following table for details:  https://docs.microsoft.com/en-us/windows/win32/intl/language-identifier-constants-and-strings  Simply select the licensed language (for example LANG_GERMAN, SUBLANG_GERMAN), and convert the first column (in this case <b>0x0407</b> ) to decimal. This is the required value.
Recogniser_Language_1	csResServerLV.cfg	If further languages are licensed, keep adding new keys to this section as required.

## Startup Configuration

Add the following lines to the start of \8Server\bin\startup.cmd

```
(further taskkill are here)
...

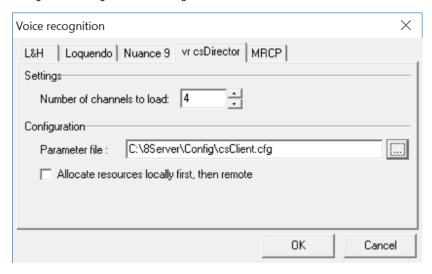
taskkill /im csUDPListener.exe /f
taskkill /im csDirector.exe /f
taskkill /im csResServer.exe /f
```

Add the following lines to the end of \8Server\bin\startup.cmd

```
start "Director" csDirector ..\Config\csDirector.cfg
start "Resserver" csResServer ..\Config\csResServerLV.cfg
...
(down here \8Server\bin\robot5.exe is started)
```

## 8-Server Configuration

Change the following in 8-Server configuration:



Set the number of channels to load to the total number of licensed ASR channels.

# Cleaner Set up

Set up the following batch file to clean the local log files:

#### c:\8Server\bin\clean\_local\_asr\_logfiles.cmd

For Files /p "c:\8Server\log" /s /d -10 /c "cmd /c del /q @file" set error level=0

Then set up this file with the scheduler for 00:00 at night, run with elevated privileges (as administrator).