

DeskArtes 3Data Expert 14.1

Network license setup

Client settings



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About this document

This document explains the client license settings needed to configure the DeskArtes 3Data Expert program to use the Reprise License Manager (RLM) network license system, instead of the default DeskArtes standalone licenses.

Before changing the client license settings, you need to have a license server running in one of the machines in your network.

For the instructions for installing the license server, see the document "[Network license setup: Server installation](#)".

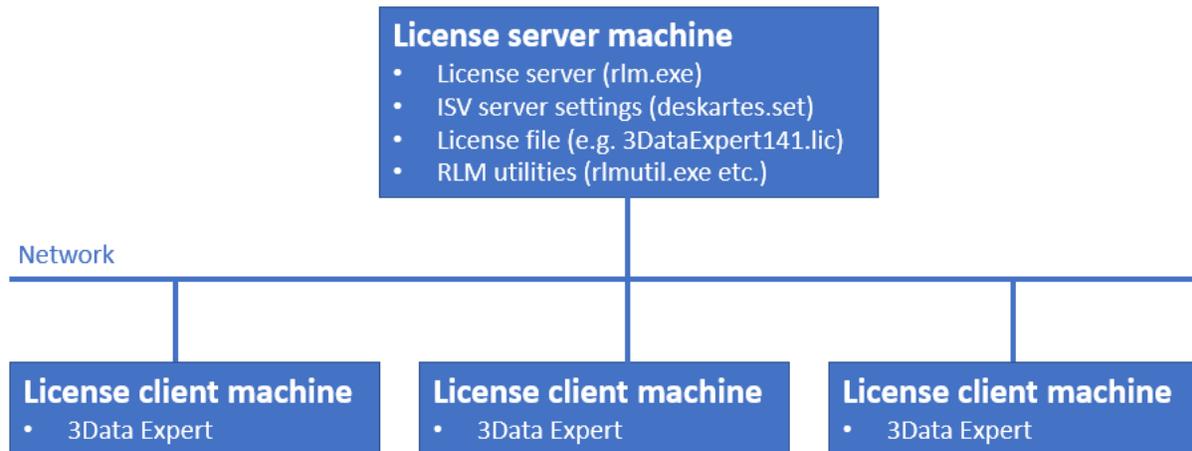
The instructions in this document are written for the DeskArtes 3Data Expert version 14.1 installation package, containing Reprise RLM version 14.2 BL5 license server and tools.

Requirements

The machines, running the DeskArtes 3Data Expert program with the Reprise RLM network license system, must be connected to the machine running the license server with a network using the TCP/IP protocol.

Terminology

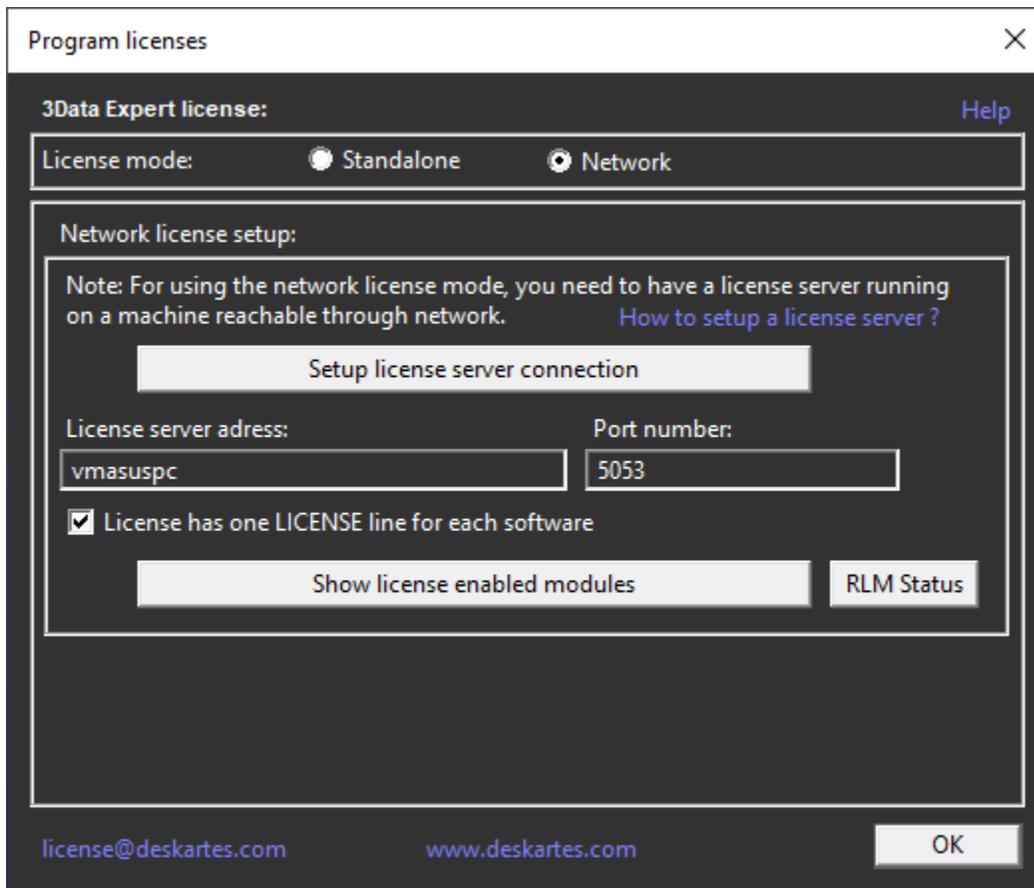
The Reprise RLM network license system, configured for DeskArtes 3Data Expert, consists of the parts illustrated in the following figure.



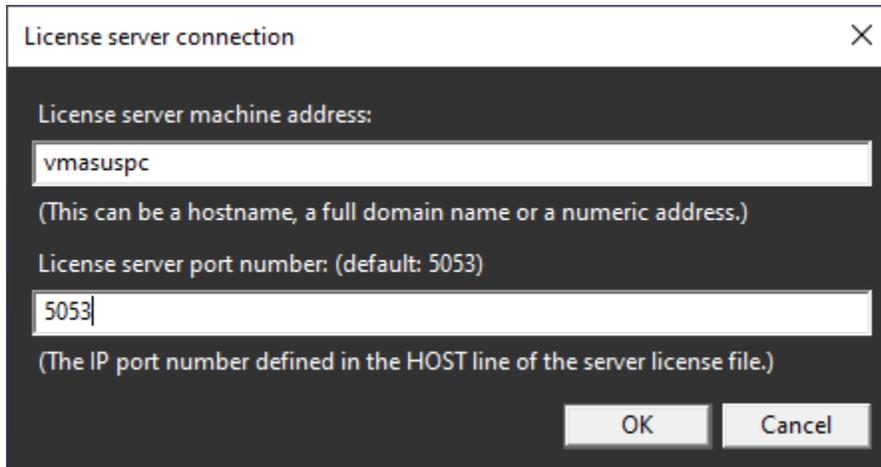
License server machine	The machine where the license server is running.
License client machine	A machine where DeskArtes 3Data Expert is running.
License server program	The program (rlm.exe) controlling the license usage in the network, with help of the ISV server.
ISV server settings file	A platform independent settings file for an ISV server (deskartes.set for DeskArtes programs, like 3Data Expert).
License file	A text file containing the list of available licenses and ISV servers.
RLM utilities	A set of small command line utility programs for handling the license server (rlmutil.exe, rlmhostid.exe, rlmstat.exe, rlmdown.exe, etc.).

Network license client configuration in 3Data Expert

The license system settings can be changed in 3Data Expert by selecting the "Help->Licenses..." menu command.



To set the software to use a network license select the "**Network**" license type and press the "**Setup license server connection**" button.



In the License server connection window fill in the "License server machine address" and "License server port number" fields.

License server machine address is a network address for the machine where the license server program is running. It can be a simple hostname, a full domain name or a numeric address (for example: licserver, licserver.somedomain.com or 192.168.0.105)

License server port number is the IP port number used by the license server to listen license requests from client machines. The port number is defined in the HOST line of the license file. The default port number is 5053.

The correct port number and the hostname can be checked from the HOST line of the license file (**second** and **fourth** field).

```
HOST vmasuspc 000c29fd87aa 5053
ISV deskartes deskartes
LICENSE deskartes 3data_expert 14.1 31-dec-2023 1
options=0257d48040000c00 _ck=ffd681753b sig="60PG4526PK6FEYANRH01DE
DX5KXGBUEE52PFU4022M0B2JQY73WJGKCVJYVKSJD3FWYS706H62YG"
```

or in the license server startup messages (lines: "**License server started on ...**" and "**Using TCP/IP port ...**").

```

C:\Reprise>.\rlm.exe
03/04 11:45 (rlm) RLM License Server Version 14.2BL5

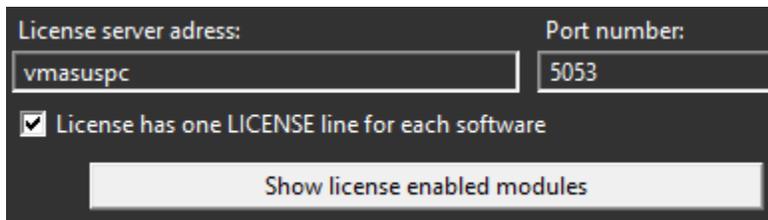
      Copyright (C) 2006-2021, Reprise Software, Inc. All rights reserved.

03/04 11:45 (rlm) License server started on vmasuspc
03/04 11:45 (rlm) Server architecture: x64_w4
03/04 11:45 (rlm) License files:
03/04 11:45 (rlm)     3DataExpert141.lic
03/04 11:45 (rlm)
03/04 11:45 (rlm) Web server starting on port 5054
03/04 11:45 (rlm) Using TCP/IP port 5053
03/04 11:45 (rlm) ... adding UDP/IP port 5053
03/04 11:45 (rlm) Starting ISV server deskartes on port 50291
03/04 11:45 (rlm) New thread created to watch ISV deskartes

```

When the correct information has been filled in, press "OK" in "License server connection" window.

In the "Program licenses" window check that the "License has one LICENSE line for each software" setting is ON.



In the version 14.1, DeskArtes 3Data Expert uses as default the network license files, where each software has only one LICENSE line.

```

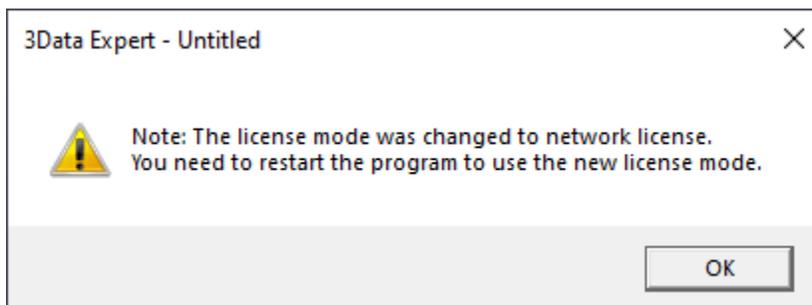
HOST vmasuspc 000c29fd87aa 5053
ISV deskartes deskartes
LICENSE deskartes 3data_expert 14.1 31-dec-2023 1
  options=0257d48040000c00 _ck=ffd681753b sig="60PG4526PK6FEYANRH01DE
  DX5KXGBUEE52PFU4022M0B2JQY73WJGKCVJYVKSJD3FWYS706H62YG"

```

If you know that you have installed to the license server an old type license file, where each software module has its own LICENSE line, then turn the "License has one LICENSE line for each software" setting OFF.

```
HOST vmasuspc 000c29fd87aa 5053
ISV deskartes deskartes
LICENSE deskartes 3de_clitool 14.1 31-dec-2023 1 _ck=8cd6fc1a90 sig="6
0Q04580PGNR792U9D0XKE2NFN3PENPBJGJJTAJT08AG153A87BDV24FT5VBDFCBV021
59K83W48J"
LICENSE deskartes 3de_stlcut 14.1 31-dec-2023 1 _ck=35d6fc0732 sig="60
P04529GVEEAS45J8137QYA5Q2UU0XWYTXE9JG22HM06AW1YHFKWP7PDWTE6M7XU9SPE
RFPNR"
LICENSE deskartes 3de_stlredu 14.1 31-dec-2023 1 _ck=99d6fcb66d sig="6
0PG4580M3UE21XHU2ME360AYEK8XTF3QVNNVNIJP08A6R8W44AD4KAY8YD1GBBVAMW5E
A05GN21G"
LICENSE deskartes 3de_tr2slice 14.1 31-dec-2023 1 _ck=bed6fc008a sig="
60Q04580P9PT5UCF3PAMN03BK199T2HN3G3KSVX408AG11603SENMBCY7VRW4KP30YX
RVJTNMB0SR"
```

After the right setting has been selected, press "OK" in "Program licenses" window.



Then the program reminds you to restart the program. Exit the 3Data Expert and start it again.

In the startup the software will request a license from the license server.