

Network license setup

Client settings



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About this document

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

Before changing the client side 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 Expert Series version 11.0 installation packages, containing Reprise RLM version 12.0 BL2 license server and tools.

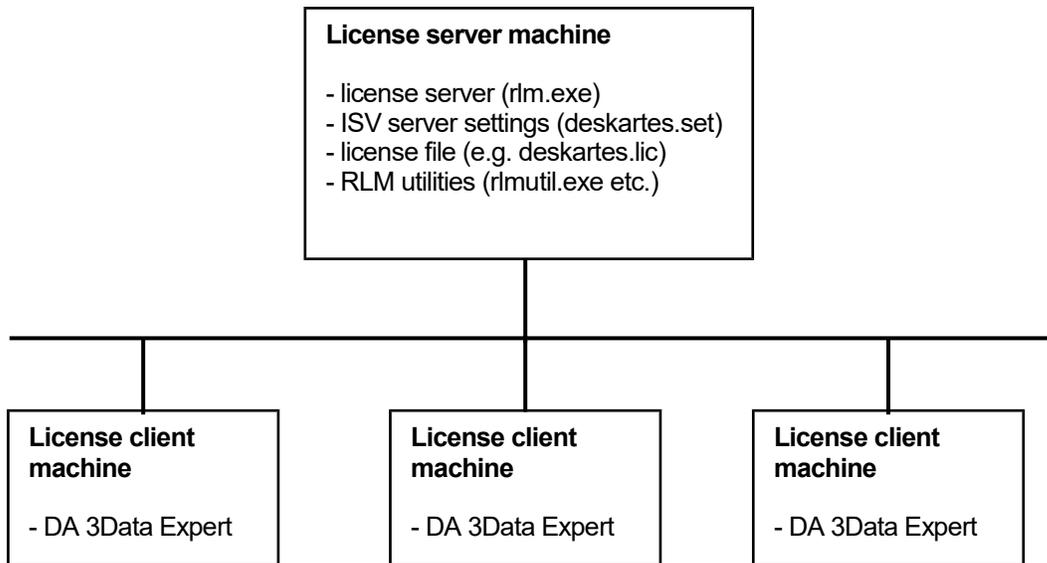
The document is written using the 3Data Expert 11.0 (64-bit) as an example, but the same instructions can be applied also for the other DeskArtes Expert Series programs: 3Data Expert Lite, Dimensions Expert, View Expert and Design Expert (64-bit and 32-bit versions).

Requirements

The machines running the DeskArtes Expert Series programs with the Reprise RLM network license system have to be connected to the machine running the license server with a network using the TCP/IP protocol.

Terminology

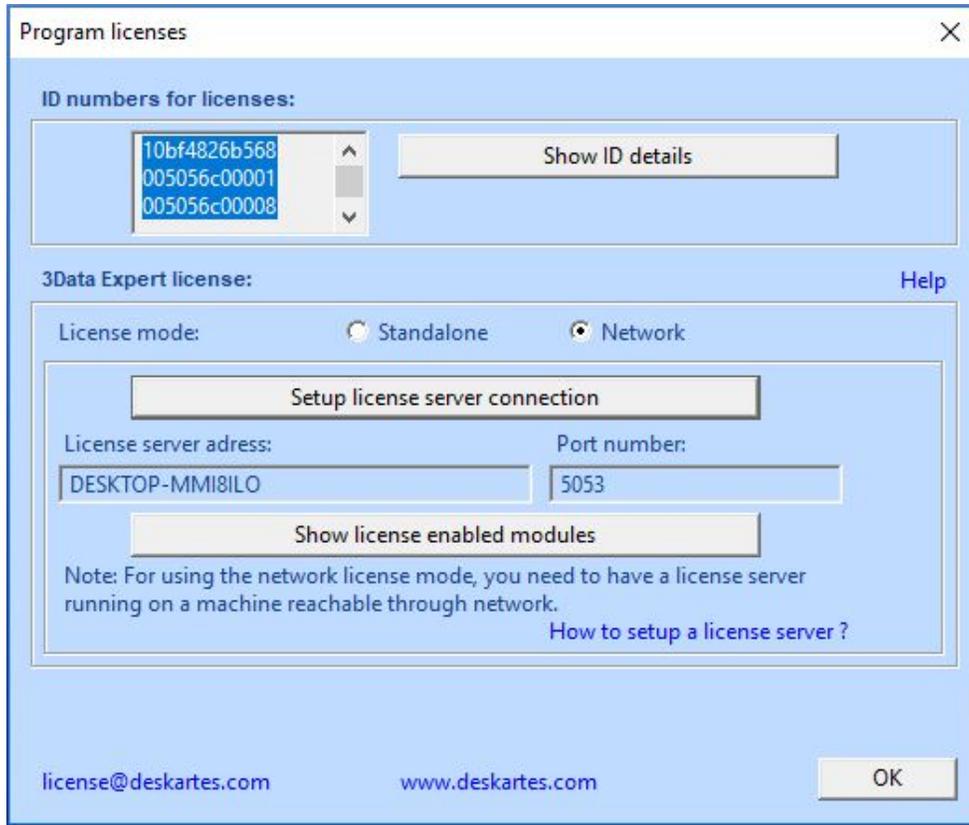
The Reprise RLM network license system, configured for DeskArtes 3Data Expert, consists of the parts illustrated in the following figure.



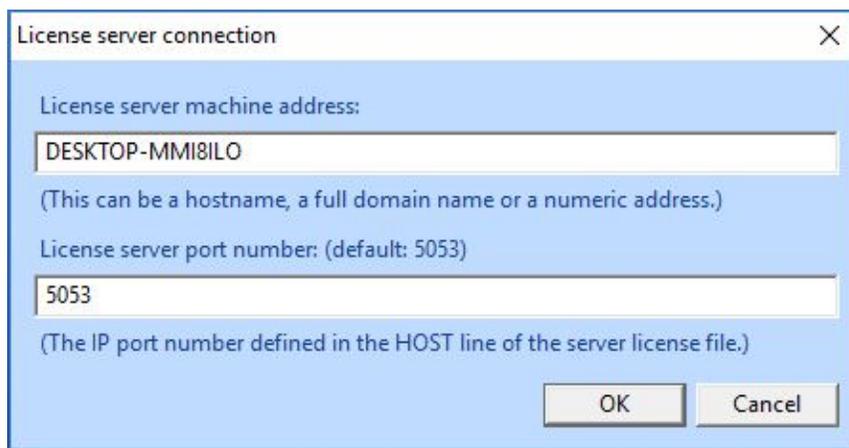
License server machine	The machine where the license server is running.
License client machine	A machine where DeskArtes 3Data Expert is running.
License server program	The program (rlm.exe) controlling the license usage in the network, with help of the ISV server.
ISV server settings file	A platform 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, rlmshutdown.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.



In the Licenses dialog select the “Network” license type and press the “Setup license server connection” button.



Fill in the “License server machine address” and “License server port number”.

"**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)



```
deskartes.lic - Notepad
File Edit Format View Help
HOST DESKTOP-MMI8ILO 10bf4826b568 5053
ISV deskartes deskartes
LICENSE deskartes 3de_tr2stl 11.1 31-dec-2200 1 _ck=fad6fc8698 sig="60
P0451K1RKPC33KD93WD2TEH88KW2HJ1CYWFE022H0PNRUPG95W3FJX7X23CWGH1KN412
FXR0"
LICENSE deskartes 3de_tr2slice 11.1 31-dec-2200 1 _ck=b7d6fc5f97 sig="
60P0451T1PV4NJ9QUV8SB549B59PK3SP9FVUTH822HQQMVH15URE5U738V1J7RYS630D
K35K7V"
LICENSE deskartes 3de_troffs 11.1 31-dec-2200 1 _ck=23d6fca25b sig="60
PG4580HS8VKKNET3UUCG0B2A0R62TDDMTYEJ6608A1GHTGXWCBJRG2X2834VJTVWK7U2
EMGCDG"
LICENSE deskartes 3de_trsupp 11.1 31-dec-2200 1 _ck=3dd6fc7869 sig="60
P0450PEH1DJU9MD6REJ0DW92U0W0P5RWQJ47R22HQ07SJQ32NB6CSHTU666HJHGQECVA6
PUQR"
LICENSE deskartes 3de_stlcut 11.1 31-dec-2200 1 _ck=2ed6fcb18d sig="60
PG453S654KVK2N86JYDCC3X995N17D10C2YF022M08VXG6Y549CR08BXJBCVKQX4NRS7
MH9250"
LICENSE deskartes 3de_trbool 11.1 31-dec-2200 1 _ck=21d6fcd45e sig="60
P0451KE8PW5RE6D3AXE6SJCESA2A418S7NC4R22H566D3MUGDQAX5Q30NN975AKS1H11
4RFC"
LICENSE deskartes 3de_stlredu 11.1 31-dec-2200 1 _ck=92d6fca261 sig="6
0P04529K6MEVCD52HPXWX990MVVKKP620Y6SS022HMJU0Q244621GEM7NGAKNTH5F16K
MQJ3G"
LICENSE deskartes 3de_clitool 11.1 31-dec-2200 1 _ck=85d6fca061 sig="6
0Q04580PEQERVACH8AA46VJW4HBYUE4K80WSPGK08AG1C78H53JRE3JQK6XKFUE623RJ
DXE4YJQ6"
LICENSE deskartes 3de_trans 11.1 31-dec-2200 1 _ck=b7d6fc6466 sig="60P
0453H9U6CNC1MDETU56UT9R7BP0EPHNN7CK822GEB57WAKAG7554EA37YW462CY8QMPG
A3M"
LICENSE deskartes 3de_shelling 11.1 31-dec-2200 1 _ck=e5d6fc1664 sig="
60P0451J72UKF232P7SXMDFHACRPT81M5MC0AG22GUAUWC8UPVCR6Y835QJ3XC7R8XV
F17QEM"
LICENSE deskartes 3de_stlcheck 11.1 31-dec-2200 1 _ck=e0d6fc2d8e sig="
60PG450VV6WQVYP1CX88W1XVU79N4VFS20AX61822M0AP1YAP4QPC320BEV4GW5JNN3A
SXUJRFKG"
LICENSE deskartes 3de_encrypt 11.1 31-dec-2200 1 _ck=94d6fc3538 sig="6
0P0452BS1H5TBBUK6T2M72WTXJ38H80D42T9U822HQ0166V4W4UW6K6FPEM2YY7GG57
KFSQV"
LICENSE deskartes 3de_3d_nesting 11.1 31-dec-2200 1 _ck=7dd6fc6569
sig="60PG4580Q2WSD6DNSDQVX12Y5MHUDEMEXBFQ0BF5V08A06DBN9QCVRFYRVMVY5S7
JVQNCFGXBY370"
LICENSE deskartes 3de_solidify 11.1 31-dec-2200 1 _ck=f2d6fc1864 sig="
60P0453YY72DP56SR5J8XG9GW43QSRVSA6KXV1R22GF4322SWTM7DC2395X4F9UF2Y01
MVK61R"
```

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

```
Command Prompt - \rlm.exe

C:\Reprise>.\rlm.exe
03/18 12:53 (rlm) RLM License Server Version 12.0BL2

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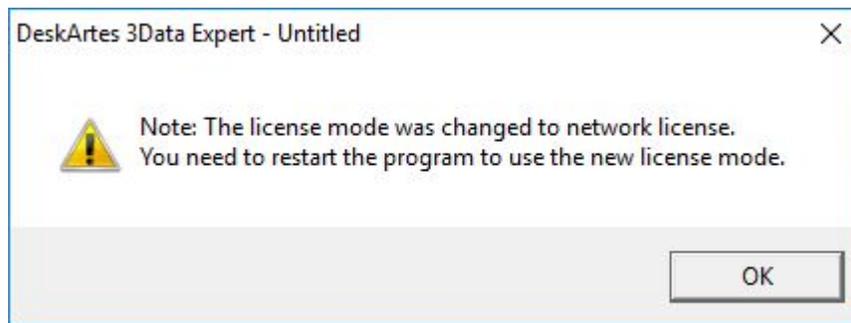
03/18 12:53 (rlm) License server started on DESKTOP-MMI8ILO
03/18 12:53 (rlm) Server architecture: x64_w3
03/18 12:53 (rlm) License files:
03/18 12:53 (rlm)     deskartes.lic
03/18 12:53 (rlm)
03/18 12:53 (rlm) Web server starting on port 5054
03/18 12:53 (rlm) Using TCP/IP port 5053
03/18 12:53 (rlm) ... adding UDP/IP port 5053
03/18 12:53 (rlm) Starting ISV server deskartes on port 55231
03/18 12:53 (rlm) New thread created to watch ISV deskartes
03/18 12:53 (deskartes) RLM License Server Version 12.0BL2 for ISV "deskartes"
03/18 12:53 (deskartes) Settings from RLM Version 12.0BL2 for ISV "deskartes"
03/18 12:53 (deskartes) Server architecture: x64_w3

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RLM contains software developed by the OpenSSL Project
for use in the OpenSSL Toolkit (http://www.openssl.org)
Copyright (c) 1998-2008 The OpenSSL Project. All rights reserved.
Copyright (c) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

03/18 12:53 (deskartes)
03/18 12:53 (deskartes) Server started on DESKTOP-MMI8ILO (hostid: 10bf4826b568) for:
03/18 12:53 (deskartes)     3de_tr2stl 3de_tr2slice 3de_troffs 3de_trsupp
03/18 12:53 (deskartes)     3de_stlcut 3de_trbool 3de_stlredu 3de_clitool
03/18 12:53 (deskartes)     3de_trans 3de_shelling 3de_stlcheck 3de_encrypt
03/18 12:53 (deskartes)     3de_solidify
03/18 12:53 (deskartes)
03/18 12:53 (deskartes) License files:
03/18 12:53 (deskartes)     deskartes.lic
03/18 12:53 (deskartes)
```

Press "OK" in "License server connection" window.



When the program reminds you about need to restart the program, exit the 3Data Expert and start it again.