

REVELATION SOFTWARE LTD - WHITE PAPER

HIDDING .LK AND .OV FILES USING THE UNIVERSAL DRIVER 3.X

This white paper has been put together by Revelation Software Limited and is freely available for use by Revelation OpenInsight application developers. Additional help and support can be obtained from our technical support department¹ by emailing your request to support@revsoft.co.uk or contacting us by telephone on +44 (0) 20 8832 7380.

Background

The release of the Universal Driver delivered customers the ability to have Open Insight point to data files that can reside elsewhere - where is up to you. In doing so the data files can be located on a separate volume, hard disk or machine that is inaccessible from the user's workstations and external sources. This is achieved via the .ini or .conf files with Novell and Linux installs, or via a registry setting for Windows.

Hiding .lk and .ov files

Using Novell as an example, in the Universal Driver manual, we create share names in the lh3svc.ini file for where the applications reside, and we put a line in the Revparam that names that share for that particular application.

If you created a new share in the .ini file that pointed to an Open Insight data directory on, say, another volume on the same server, that data directory would need a Revparam file that matched the share in the .ini file.

Quick example.

Novell

Under Open Insight you have a subdirectory called STUDENTS. For whatever reason, you want to put this elsewhere, no longer under Open Insight. You want to put it in the SCHOOLS directory elsewhere on the same volume.

In your lh3svc.ini, where you have
OI=SYS:Revapps\OI

with

```
STUDENTS=SYS:SCHOOLS\STUDENTS
```

Although you need only one Revparam for the OI application, you will need to create another one for the remote STUDENTS directory. It will be the same as the Revparam under Open Insight, but you will need to replace the line

```
ShareName=OI
```

with

```
ShareName=STUDENTS
```

Restart the Universal Driver and now when you go into Open Insight, you will be able to see the contents of the STUDENTS directory, although it is no longer underneath Open Insight.

Windows 2000

In Windows, hiding the data is slightly different. Lets say you wish to keep the data on the "C:\student" directory. Go ahead and create that directory with the data. Add a Revparam with the contents "ServerOnly=1".

Go to the registry for the Universal Driver 30. HKEY_LOCAL_MACHINE->SOFTWARE->REVSOFT->REVELATION UNIVERSAL DRIVER->3.0. Under the 3.0 folder, create a new key called "Shares".

Under "Shares", create a new string value - give it a descriptive name, like "OIdata". The value data should be the path to where the data is - in this case, "C:\student".

Stop and restart the Service, and you should be all set.

FAQ's

Does this allow you to place volumes on a share not normally accessible by the user?

Yes - Using the Novell example, let's say my base installation is on \\SERVER:DATA1, and all of my users have access to this. My users do not have access to \\SERVER:DATA2. Could I place my LK and OV files on \\SERVER:DATA2, tell the UNIVERSAL DRIVER about it, and let it handle access, since it is running as an NLM, or do the users still have to have access to the volume/directory?

The Universal Driver will need to have access, but not your users.

Further Reading

That is the penny tour, but when you start thinking about it, there are some great possibilities with this. (With acknowledgement to Kevin Ruane).

Further information about the Universal Driver can be found on our web site at the following locations:

- http://www.revsoft.co.uk/universal_driver.htm - General UD 3.x information
- http://www.revsoft.co.uk/universal_driver_faq.htm - UD 3.x Frequently Asked Questions
- http://www.revsoft.co.uk/ud_lite.htm - General UD Lite information

- <http://www.revelation.com/> - OI WORKS and Open Technical Discussion bases

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