

Revelation Universal Driver Version 5.2

Overview

This README file describes the licensing agreement for using the Revelation Universal Driver 5.2 and any information not included in the printed documentation.

Licensing

The license agreement for the Revelation Universal Driver 5.2 permits you to install this software on one file server in your network. If you want to install this product on multiple file servers, you must purchase a license for each server.

The Universal Driver 5.2 will **ONLY** communicate with OpenInsight 9.4 and above. All other versions of OpenInsight and Arev will return a FS1018 error message. The Universal Driver 4.7.2 can be utilized with OpenInsight 9.4 and below as well as Arev.

Installation

Please refer to [The Revelation Universal Driver Installation Guide](#) included with the product for complete information on installing the Universal Driver.

Upgrades

The Universal Driver 5.2 is NOT an upgrade to the Universal Driver 4.7, however the Universal Driver 5.2 can upgrade a Universal Driver 5.1. The Universal Driver 5.2 is for use with OpenInsight 9.4 and above. The Universal Driver 5.2 can co-exist on the same server as the Universal Driver 4.7 or Universal Driver 5.1.

What has changed from the Universal Driver 4.7:

Latest Communication Technology - The Universal Driver 5.2 utilizes the latest communication libraries to provide robust, reliable service between the UD server and its clients.

64-bit – The Universal Driver 5.2 may only be installed on 64-bit versions of Windows Operating Systems (e.g. Server 2008, Server 2012 or Server 2016).

Secure communications option - If desired, the communications channel between the UD server and its clients can be SSL encrypted, preventing unauthorized interception of sensitive information.

Authenticated clients option - If desired, only explicitly authorized client software can connect to the UD server over a secure SSL channel.

Connection Retry - If the communication link between the client and server is temporarily lost, and then restored, the client will attempt to reconnect and resume normal operations.

VSS friendly - The UD 5.2 is VSS (**Volume Snapshot Service**) aware and can thus be backed up with minimal disruption to normal operations.

Controllable Resizing – The UD 5.2 (through the OpenInsight UD console) can have its “resizing thread” programmatically disabled and re-enabled. This allows high-volume installations to disable resizing during peak processing times, improving performance.

Customizable Write Flags – An optional registry setting can now be specified to control the flags that Windows uses when opening LK/OV files, allowing sites to customize the behavior for their individual needs.

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The Universal Driver 5.2 also has an interface to the Management Console that allows you to view and manage record locks without having to stop the Linear Hash Service. The Management Console interface allows multiple locked records to be selected and unlocked in one step from any workstation on the network.

Note: The Management Console is not available for use with OpenInsight 9.4. You may utilize the UD 5.2 Manager to manage record locks.

What has changed from the Universal Driver 5.1:

License Enhancements Introduced in OpenInsight 10.0.4

Starting with OpenInsight 10.0.4, "child" processes launched from OpenInsight can be configured so that they do not consume additional license seats. In particular, CTO, AREV64, BRW, and O4W calls (using the engine server's built-in web server) made from a copy of OpenInsight will not count against the licensed count of users.

For example, a single user copy of OpenInsight can now run the IDE, a CTO session, and generate a BRW report at the same time.

Note that this enhancement requires both OpenInsight 10.0.4 (or above), and the Universal Driver 5.2 (or above). OpenInsight 10.0.4 will work with the Universal Driver 5.1, but it will not exhibit these license enhancements until it is "paired" with a UD 5.2.

To take advantage of this license enhancement for O4W and engine server tasks, users/developers must update their eserver.cfg file (either directly or through the Settings dialogs). In particular, any passwords that are currently explicitly embedded in the eserver.cfg can be replaced with an asterisk ("*"); this indicates that the specific connection should use the enhanced licensing. This also has the additional advantage of no longer requiring manual updates to the eserver.cfg file when passwords are changed for the applications or users defined in the connection string. (As an additional enhancement, the username can also be replaced with "*" if you wish to use the 'default user' created for an application).

For example, if your eserver.cfg previously contained the following lines:

```
WebServerConnection_console=SYSPROG,OICONSOLE,OICONSOLE,65,1,RUN_OECGI_REQUEST,,1,,
SystemMonitor=RTI_OEMONITOR_CLEANUP,SYSPROG,SYSPROG,SYSPROG;RTI_OEMONITOR_INDEX,SYSPROG,SYSPROG,SYSPROG
```

They can now be replaced with the following lines:

```
WebServerConnection_console=SYSPROG,OICONSOLE,*,65,1,RUN_OECGI_REQUEST,,1,,
SystemMonitor=RTI_OEMONITOR_CLEANUP,SYSPROG,*,*;RTI_OEMONITOR_INDEX,SYSPROG,*,*
```

What configurations does the Universal Driver work with?

<u>Server</u>	<u>Version Minimum</u>
Windows	64-bit versions of Windows Server 2008, Windows Server 2012, Windows Server 2016
Linux	Not available at this time