

# Revelation Universal Driver Version 4.7

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## Overview

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

## Licensing

The license agreement for the Revelation Universal Driver 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.

## Installation

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

## Upgrades

The Universal Driver 4.7 replaces previous versions of the Universal Driver and All Networks Driver.

## What has changed from the Universal Driver 4.6:

Universal Driver Manager is now compatible with 64bit systems.

The ability to select and unlock multiple records from the Universal Driver Manager is now available. Previous versions allowed only one record to be selected during each unlock.

Server side install program now recognizes Arev 3.12 as a valid installation location.

## What has changed from the Universal Driver 4.5:

NSIS replaces Install Shield as the installer.

UD 4.6 will now be offered in two versions: The free bundled version supplied with OpenInsight 9.1 and above network user licenses and the standard version to be used with OpenInsight 8.0.x and below. The free bundled version will only work with OpenInsight 9.1 and above network user licenses; it will not function with versions of OpenInsight 8.0.x and below as well as Advanced Revelation.

The Universal Driver 4.6 will no longer support unlimited-length record keys. Record keys can now be a maximum of 552 characters long. Any keys that exceed this limit will now be "illegal" and applications will be unable to either read or write them. The server event log will report Linear Hash error 1016 for this condition. Since this will make the records unreadable, they will be treated as though there is a "group format error" (GFE) in any table that contains them, and so the Database Manager tool in OpenInsight release 9.1 to Verify LH has also been updated to report these "errors", and the "fix" option has been updated to copy them to a new table called DUMP\_FIX\_SAVE.

Another, more critical fix, is that currently, the "Fix GFEs" option on the Verify LH menu silently considers any records with keys greater than 50 characters long to be GFEs. Anyone running the "Fix GFEs" option, either from the Verify LH menu or FIX\_LH routine, will lose any records that have keys longer than 50 characters. As a result of this issue, we are including with the Universal Driver 4.6 a RDK containing a FIX\_LH routine. This updated routine removes the "50-character-throwaway" functionality and replaces it with the "552-character-save" functionality.

Client driver internal file handle management was changed for improved handling of open tables.

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## What has changed from the Universal Driver 4.0:

- Rebuilt with latest ACE libraries.
- Rebuilt with latest Visual Studio.
- Enhanced error messages in system event log.
- Enhanced LH Manager functionality.
- Some bug fixes to the LH Manager.

## Why should I upgrade to the Universal Driver 4.7?

The Universal Driver 4.7 provides backward compatibility with all previous versions of Linear Hash files which is not available with the Universal Driver 3.0. Also included with the Universal Driver 4.7 is a console application that allows you to manage record locks without having to stop the Linear Hash Service.

## What else is different from the previous Network Products?

- There is only one REVPARAM file no matter how many different subdirectories you have with .LK and .OV files.
- There is now support for files larger than 4 gigabytes.
- Support for large frame sizes up to 100K.
- You can hide your .LK and .OV from your users.
- The LHVerify facility is integrated onto the server side.
- Backward compatibility with all previous versions of Linear Hash.
- Console application to manage record locks.
- Registry settings and REVPARAM file automatically created.

## What configurations does the Universal Driver 4.7 work with?

<u>Server</u>	<u>Version Minimum</u>
Windows	64bit and 32bit versions of Server 2003 and Server 2008
Novell	Not available at this time
Linux	Not available at this time

## Will the Universal Driver work with Windows 95/98/NT workstations?

No, it will only work with workstations running XP and later.