



# Release Notes

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<b>Product</b>	Linear Tape File System (LTFS) for Windows V2.2.1 to V3.0.0
<b>Date</b>	April 2016

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## Introduction

These release notes apply to the Quantum Linear Tape File System (LTFS) for Windows software version 3.0.0.

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## Terms

Types of changes:

- **Enhancements** - A given feature or algorithm of the product has been enhanced, to allow wider usability and/or to provide greater robustness.
- **New Functionality** - A new piece of functionality is added. As this is a new release, this is the only type of change described in this document.
- **Bug Fix** - Fixes a bug in the software.

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## Compatibility

LTFS for Windows compatibility requirements:

- Unrecognized tags shall be ignored
- Older major versions of LTFS are not allowed to update volumes written by later major versions of LTFS. The new XML tags could not be properly handled by older versions impacting compatibility.
- As per traditional LTO philosophy, use of the CM to enhance performance is optional and not required. This refers to the Volume Coherency Information (VCI) attribute, which is used to determine where the latest index was written on the volume - whether any data was written after the latest index was written. It's implied, but not required, that the LTFS application should handle a *broken* CM.
- Quantum has determined that LTFS for Windows is not compatible with systems that have Apple iTunes installed. This is due to a filter driver installed as part of iTunes, which prevents correct control of the tape device. At this time the only workaround is to uninstall iTunes.

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## Description of Changes

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### New Features

This release contains the following enhancements:

- Added support for Windows 10 (x86\_64)
- LTFS Configurator displays messages indicating the progress of the mount operation
- LTFS Configurator supports custom names for tape drives.
- CartridgeBrowser utility supports search based on file attribute values.
- Supports mounting two tape drives concurrently
- LTFS drive icon in windows explorer indicates the status of the LTFS file system.
- Added new 'LTFS smart copy' utility for efficient data transfer from tape to disk
- Added 'search' functionality for the 'LTFS cartridge browser' utility
- LTFS is now built with International Components for Unicode (ICU) version 50.1.2.

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**Other Changes**

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This release contains no other changes.

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## Contacting Quantum

More information about this product is available on the Service and Support website at [www.quantum.com/support](http://www.quantum.com/support). The Service and Support Website contains a collection of information, including answers to frequently asked questions (FAQs). You can also access software, firmware, and drivers through this site.

For further assistance, or if training is desired, contact Quantum:

<b>Quantum Technical Assistance Center in the USA:</b>	+1 800-284-5101
<b>For additional contact information:</b>	<a href="http://www.quantum.com/support">www.quantum.com/support</a>
<b>To open a Service Request:</b>	<a href="http://www.quantum.com/osr">www.quantum.com/osr</a>

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