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Thermo Scientific License Manager

Software Releases LM
Release Notes

Revision 2.2.1-a
October 2026

ThermoFisher SCIENTIFIC

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Introduction

Purpose

This document provides a comprehensive overview of the Thermo Scientific License Manager (LM) application.

Audience and Scope

These release notes are intended for users responsible for installing and managing licenses using the Thermo Scientific License Manager application. The document covers both current and historical releases.

Your feedback is valuable to us. If you encounter issues or have suggestions for improvement, please contact our support team.

System Requirements

LM Version	FlexNet Version	Platform Architecture	Operating System
2.2.1	11.19.8	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	Ubuntu 20.04 Ubuntu 22.04
2.2.0	11.19.8	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	Ubuntu 20.04 Ubuntu 22.04
2.1.1	11.19.8	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	Ubuntu 20.04 Ubuntu 22.04
2.1.0	11.19.8	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	Ubuntu 20.04 Ubuntu 22.04
2.0.0	11.16.6	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	Ubuntu 20.04
1.8.0	11.16.6	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	Ubuntu 20.04

LM Version	FlexNet Version	Platform Architecture	Operating System
1.7.3	11.16.6	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	CentOS 7 Ubuntu 20.04
1.7.1	11.16.6	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	CentOS 7 Ubuntu 20.04
1.7.0	11.16.6	Microsoft Windows 64 bit	Windows 10 Windows 11
		Linux 64-bit	CentOS 7 Ubuntu 20.04
1.6.8	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7 Ubuntu 20.04
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)
1.6.7	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)
1.6.6	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)
1.6.5	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)
1.6.4	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7

LM Version	FlexNet Version	Platform Architecture	Operating System
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)
1.6.3	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)
1.6.2	11.16.6	Microsoft Windows 64 bit	Windows 10
		Linux 64-bit	CentOS 7
		macOS/OS X 64-bit	macOS Mojave (10.14) macOS Catalina (10.15)

Thermo Scientific License Manager 2.2.1

Release Date: October 2026

New Features and Enhancements

Documentation updates

- Integrated the latest licensing help content into LM, allowing users to access up-to-date documentation directly from the application.

Third-party components updates

- Updated third-party components used by LM to improve application security.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Documentation] - Broken documentation link	LM-2078	Fixed an issue where the documentation link displayed after a failed license server connection opened an error page instead of the troubleshooting documentation.
[Offline][Transfer] - Offline license transfer fails when user directory contains spaces	LM-2122	Resolved an issue where transferring local licenses offline failed when the Windows user directory path contained spaces. Offline license transfers now support user directory paths containing spaces.
[Repair] - License repair process does not complete	LM-2130	Fixed an issue where the repair operation could remain unresponsive when processing both repairable and unrepairable licenses. The repair process now completes successfully for repairable licenses and reports errors for licenses that cannot be repaired.

Thermo Scientific License Manager 2.2.0

Release Date: May 2026

New Features and Enhancements

Exporting license information

- Introduced the ability to export license information from LM. Clicking the “Export” button creates a licenses.txt file containing license information from local licenses and configured license servers.

Activating transferred licenses from a TLM codes file

- Improved the activation workflow for transferred local licenses: users can now load a TLM codes file directly in the “Activate License(s)” dialog instead of copying and pasting codes manually. This simplifies activation on the target computer after a license transfer.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Reactivation] - Local licenses could only be reactivated near expiration	LM-1811	Fixed an issue that prevented local time-limited licenses from being reactivated until they were close to expiration. These licenses can now be reactivated at any time after the related contracts are renewed.
[GUI] [Local licenses] - Transfer and Download TLM codes actions not directly available from license details	LM-1441	Improved the local license detail view by moving action buttons to the top of the dialog and adding direct access to “Download TLM Code” and “Transfer” actions, making key license tasks easier to find and use.
[GUI] - Group by options reset after restart	LM-1435	Fixed an issue where the selected “Group by…” option was reset each time LM was restarted. LM now remembers the selected grouping option.
[Activation] - Activation-code error message unclear	LM-1309	Improved the activation-code validation message so users can better understand and correct invalid activation-code input.
[GUI] - LM application not visually distinct enough from the server tool	LM-1767	Updated the LM header icon to better differentiate the local License Manager from the server-side tool.

Thermo Scientific License Manager 2.1.1

Release Date: November 2025

New Features and Enhancements

Documentation updates

- Integrated the latest licensing help content into LM so users access the most current documentation directly from the application.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Startup] – LM freezes on launch	LM-1758	Resolved an issue that could cause LM to become unresponsive during startup on some systems. LM now launches reliably without requiring manual adjustments.
[Activation] – Error message after activating licenses	LM-1043	Fixed a post-activation error that prevented trusted-storage content from being displayed (e.g., "Failed to load licenses / cannot read properties of undefined"). After activation, active licenses are shown as expected.

Thermo Scientific License Manager 2.1.0

Release Date: September 2025

New Features and Enhancements

Ubuntu 22.04 support

- Added support for Ubuntu 22.04.

FlexNet tools update

- During installation, LM upgrades the FlexNet activation tools to version 11.19.8. This is the minimum required version to run Amira-Avizo 2025.1 and later.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[GUI][Local licenses] – Checkbox Overflow on Table Header	LM-1504	Fixed a GUI issue where license checkboxes overflowed into the table header in the “Local” tab after scrolling.
[Server settings] - Error when setting a server name with a space	LM-1043	Fixed an issue where entering a license server name with spaces caused the server badge to freeze and become unchangeable. Spaces are now automatically removed when registering a server name or IP.

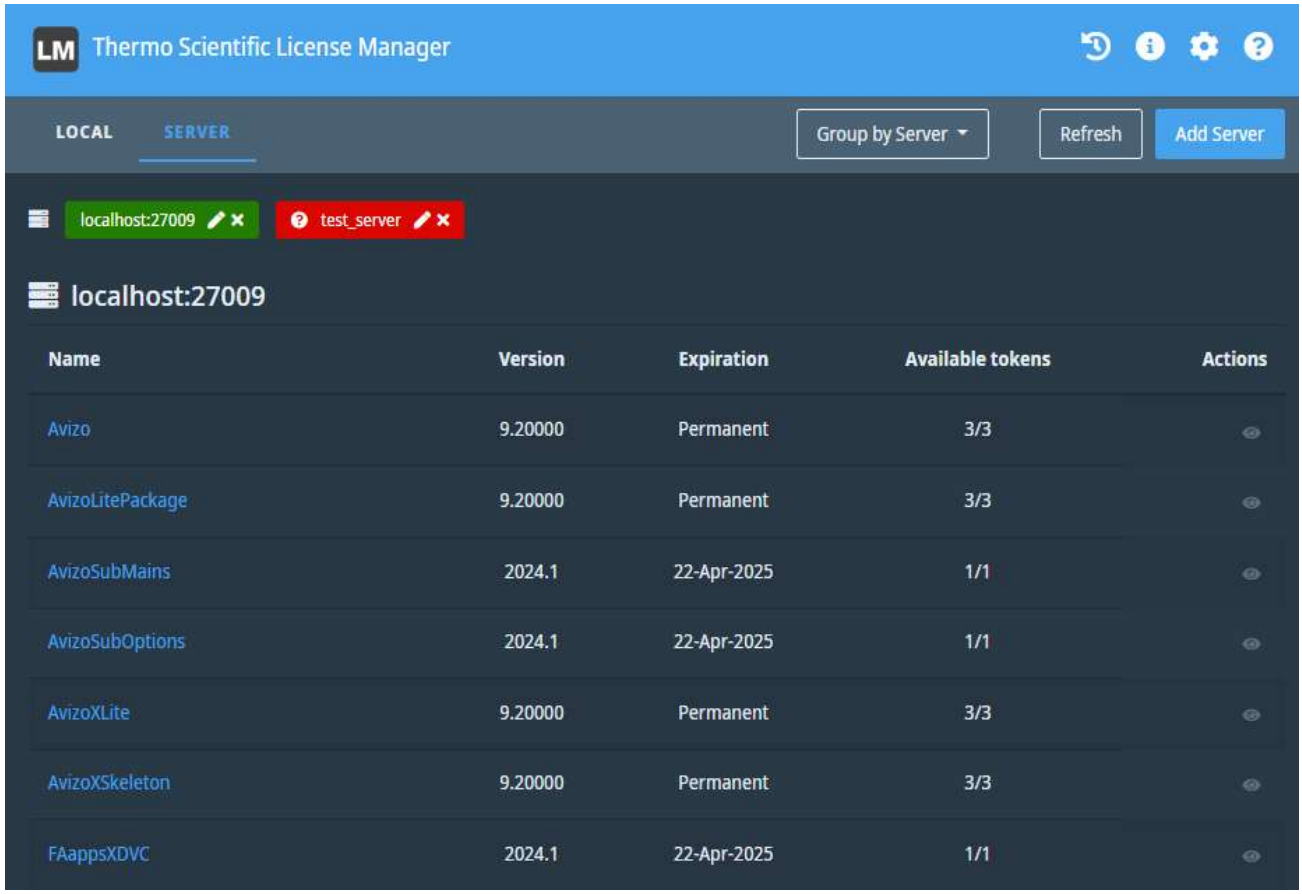
Thermo Scientific License Manager 2.0.0

Release Date: January 2025

New Features and Enhancements

Dedicated Server Licenses View

- Introduced a dedicated "Server" tab for managing floating licenses. The new "Server" tab allows you to:
  - Add, edit, or remove server connections from the interface.
  - Monitor server status and license details, including product name, version, expiration date, and token availability.
  - View activation codes for specific licenses, aiding customer support communication.
  - Refresh floating license information to ensure it remains up to date.
- The "Local" tab continues to display the details of your local (node-locked) licenses, which was the default view in previous versions.



Improved License Repair Functionality

- Enhanced the LM repair functionality to be more effective and user-friendly.
  - When licenses are detected with a “broken” status, the "Repair" button will be displayed.

- The repair dialog has been reworked to enhance usability and functionality:
  - **Unified repair process**: A single action now attempts to repair all broken licenses.
  - **Enhanced feedback**: Detailed messages provide clarity on repair outcomes.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Documentation] – Help button does not work	LM-1321	Resolved an issue where the Help button failed to open LM documentation in certain environments.
[Installation] - wmic error when running LM on Win11	LM-1293	Updated the deprecated WMIC command to ensure compatibility with Windows 11 systems.

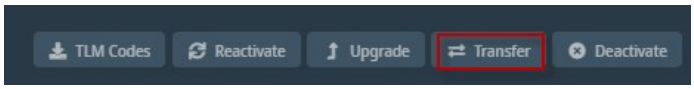
Thermo Scientific License Manager 1.8.0

Release Date: June 2024

New Features and Enhancements

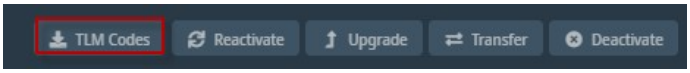
Transferring licenses

- Introduced a dedicated "Transfer" function in LM for local (node-locked) licenses.
- Clicking the "Transfer" button deactivates the licenses on the original machine and saves the associated LM codes for activation on a new machine.
- The "Transfer" function can be operated both online and offline.



Downloading LM codes

- Introduced the ability to download LM codes for installed local (node-locked) licenses.
- Users can now select one or several licenses installed on their machine.
- The selected licenses' LM codes can be downloaded into a file.
- The LM codes can be reactivated on another machine by copying the content of the downloaded file.



Windows 11 support

- Introduced compatibility with the Windows 11 platform.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Installation] - Manual uninstall issue	LM-115	Resolved an issue where installation failed if the previous version was manually uninstalled.

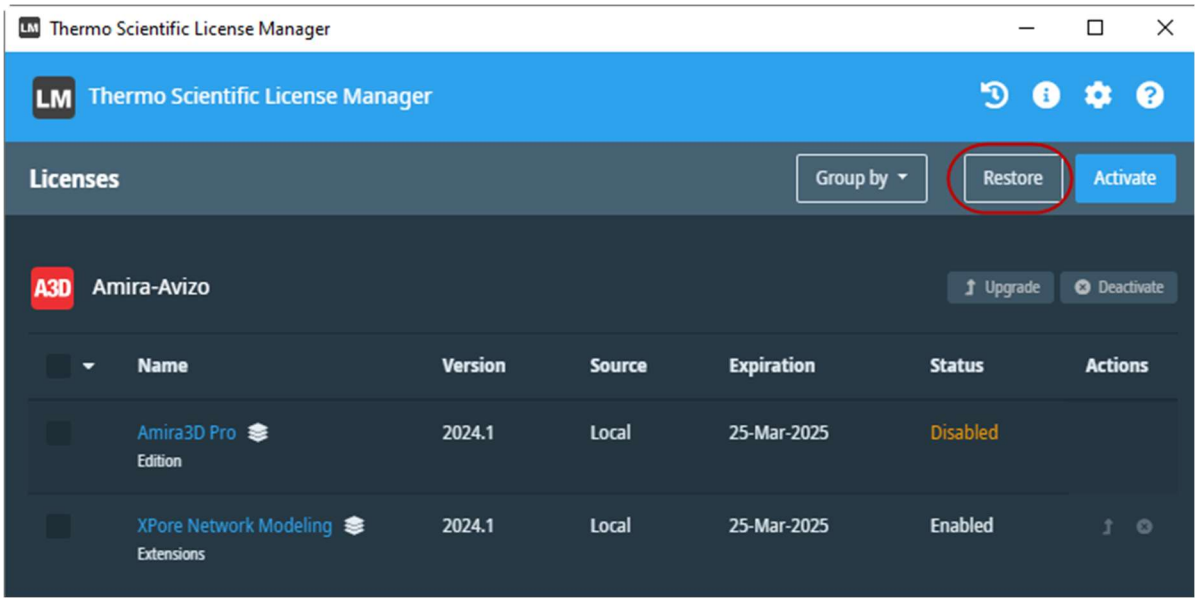
Thermo Scientific License Manager 1.7.3

Release Date: April 2024

New Features and Enhancements

Restoring disabled licenses

- Introduced the "Restore" button, providing a straightforward mechanism for restoring disabled licenses: a license can be disabled when an action (activation, deactivation, upgrade, etc.) generates a request that has not been completed. The "Restore" button allows users to easily restore such disabled licenses.



Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[GUI][Upgrade] – Improve upgrade version field guidance	LM-1073	Enhanced the upgrade dialog to better guide users in entering version numbers.

Thermo Scientific License Manager 1.7.1

Release Date: September 2023

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Activation] – License display failure	LM-685	Fixed an issue where LM would activate node-locked licenses successfully but fail to display them, particularly for customers using McAfee/Trellix security suite. LM 1.7.1 now displays a warning message informing the user when the installed licenses display is incomplete. Note that this warning message does not prevent the successful activation of the licensed software.

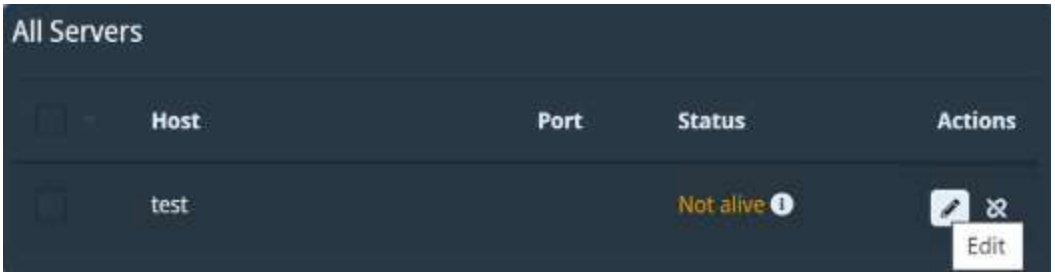
Thermo Scientific License Manager 1.7.0

Release Date: March 2023

New Features and Enhancements

Editing license server configuration

- Improved the user interface for adding or changing the server name, IP, or port:
  - An "Edit" button has been added to the license server display line.
  - Clicking the "Edit" button allows modification of the selected license server settings.
  - Users can cancel the changes, in which case the settings remain unmodified.
  - Saving the changes replaces the existing settings with the new values.



Enhanced server connection issue diagnostics

- LM now displays detailed error messages when a floating license server is not alive, before saving the server configuration.
- The LM documentation has been updated with a new section listing typical connection issues and tips for their resolution.



mcslmd vendor licenses activation

- Introduced support for activating legacy mcslmd vendor licenses.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Server] – LM erroneously sets by default 27000 as communication port for the server configuration	LM-198	Fixed an issue where LM erroneously set the default communication port to 27000 when configuring a license server by entering only the hostname without specifying a port number. LM now scans default ports ranging from 27000 to 27009 for client/server communications when no port number is set.
[Server] - LM displays ambiguous "alive" info	LM-317	In previous versions LM would display a server as "alive" when the server machine could be pinged. In LM 1.7.0 this alive status now guarantees that the FlexNet server is up or that communication between the FlexNet server and the client machine is functioning correctly.
[Upgrade][Node-locked] - error message when trying to upgrade a trusted storage node-locked license	LM-367, LM-392	Resolved issues where the upgrade of node-locked licenses could fail with error messages such as "unable to get local issuer certificate" or "read ECONNRESET". LM 1.7.0 now handles these cases, allowing successful license upgrades.
[Offline][Activation] - Unhelpful error message when trying to activate a floating license	LM-557	Enhanced error messaging for offline activation of floating licenses. When entering a floating LM code for offline activation, the request file creation is now blocked with a message advising the user to use the LM portal instead of the LM application.

Thermo Scientific License Manager 1.6.8

Release Date: September 2022

New Features and Enhancements

Ubuntu 20.04 support

- Introduced support for the Ubuntu 20.04 platform.

Search in documentation

- Added support for using the CTRL+F keyboard shortcut to search within LM documentation.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Upgrade] – upgrade fails when no version number is entered	LM-34	The Upgrade button now remains inactive until a version number is provided for upgrading.

Thermo Scientific License Manager 1.6.7

Release Date: April 2022

New Features and Enhancements

Enhanced offline operations support

- Enhanced the offline operations process to reduce the likelihood of upgrade or reactivation failures that could result in licenses being deactivated and unavailable for reinstallation.
- LM now verifies whether the necessary conditions for upgrade or reactivation are fulfilled before issuing the upgraded or reactivated licenses.
- Added informative messages regarding any unsatisfied conditions, along with the corresponding license ID.

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Offline] - Offline activation fails when response file is too large	LM-116, LM-147, LM-148	Resolved limitations in LM that previously prevented processing more than five licenses simultaneously during offline operations. LM can now handle any number of licenses offline.
[Offline] - offline operation failure	LM-242	Improved the error message "Failed to create request file undefined" that appeared during offline operations when users were unable to write to the directory located at C:\Users\username\AppData\Local\Temp. The revised message now provides clearer guidance for situations where writing to the specified directory is not possible.
[Upgrade] - Error message when upgrading through a proxy	LM-174, LM-179	Fixed an issue where proxy settings were overlooked during upgrade operations. Customers using a proxy to access the internet must configure LM with the appropriate proxy settings. The documentation has been updated to include proxy configuration instructions.
[Activation] - Unclear error message when entering a floating LM code in LM	LM-34	Enhanced the error message that appears when entering a floating LM code in LM to be more informative.
[Documentation] - Missing info regarding firewall configuration	LM-173	Updated LM documentation to include information about firewall configuration for both online and offline operations

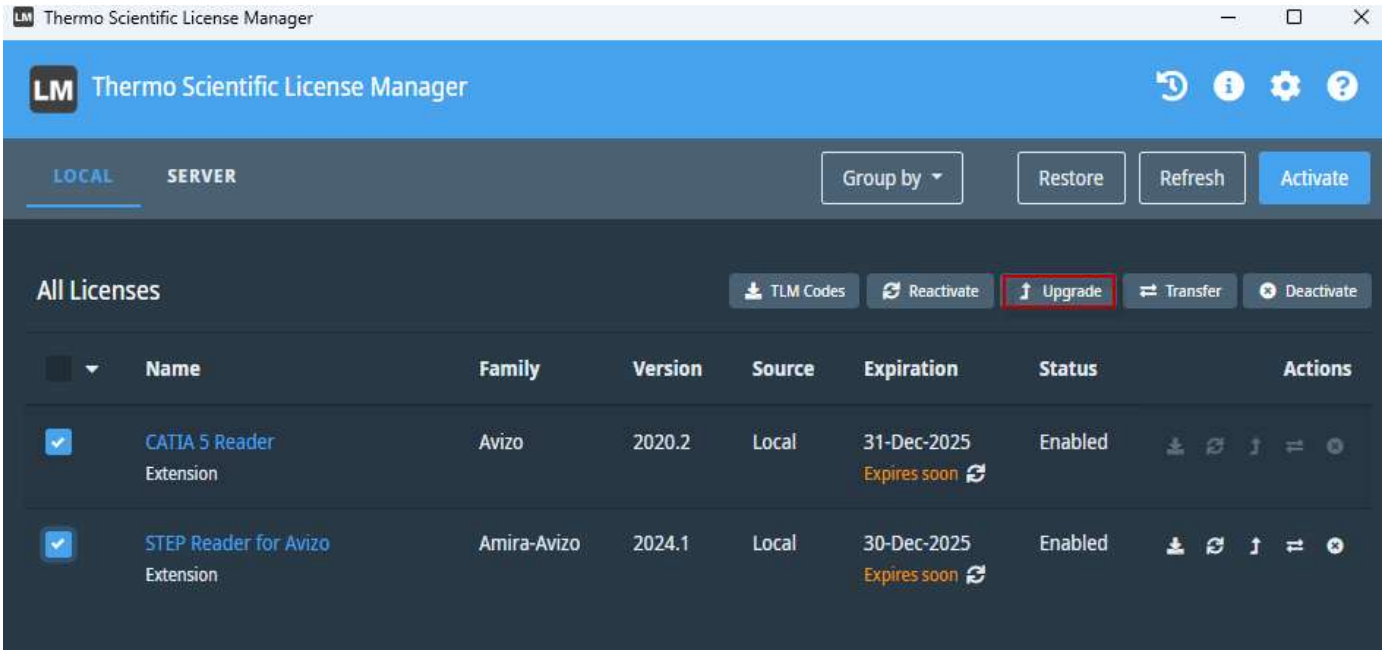
Thermo Scientific License Manager 1.6.6

Release Date: October 2021

New Features and Enhancements

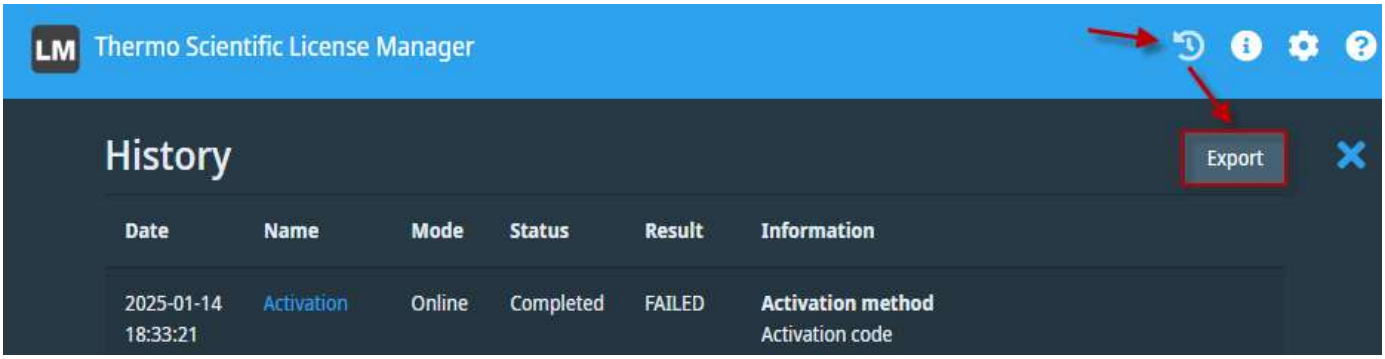
Upgrading licenses

- Introduced a new upgrade feature to simplify the process of updating your licenses whenever a new version of a Thermo Scientific product is available.
    - A new "Upgrade" button has been integrated into LM.
    - Users can select their local licenses for upgrade and click the "Upgrade" button to initiate the process.
    - The upgrade process can be performed either online or offline, depending on the computer's internet connection.
- **Note**: Offline upgrade mode is exclusively available for licenses from version 2021.1 or later. Before proceeding with the upgrade, ensure that you have activated the license codes received via email when version 2021.1 was released.
- For technical support or to request license codes, please visit our **customer support portal**.



Exporting LM History logs

- Enhanced the diagnosis of LM issues with our customer support team by allowing users to export the history of all LM actions into a file.
    - A new "Export" button has been added to the "History" view.
    - Users can easily click the "Export" button to generate a file containing the history of all LM actions.



Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[macOS] - LM creates files in a folder which is cleared at machine reboot	LM-54, LM-55	• **macOS File Storage Update**: In LM version 1.6.6, the default storage location for LM files has been changed from the /tmp directory, which is cleared on machine reboot, to /Library/Application Support/Thermo Fisher Scientific/share/. • Introduced a new environment variable LM_FILES_DIRECTORY to override the default path for LM shared files.

Thermo Scientific License Manager 1.6.5

Release Date: July 2021

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Linux][Server] - Server settings not correctly applied on Linux	LM-590	Fixed an issue where the ASGLMD_LICENSE_FILE variable was not set after configuring the license server in LM on Linux, causing the licensed software to fail to start. Please note that it is required to run the licensed software from a new terminal to apply LM settings.
[Linux] - LM startup failure on CentOS 7	LM-522, LM-27	Resolved a startup failure on CentOS 7 where LM would not start unless executed with the --no-sandbox option. LM can now launch without needing to specify this additional option.

Thermo Scientific License Manager 1.6.4

Release Date: May 2021

Solved Issues

The following table lists the main issues this release fixes. Smaller corrections might have been excluded from this text to keep this detail as focused and useful as possible.

Title	ID	Description
[Permissions] - LM failure when running LM with no administrator rights	LM-550	Fixed an issue where users encountered JavaScript exceptions when running LM without administrator rights LM now operates smoothly without the need for administrator privileges.

Revision History

Revision	Date	Description of Changes
2.2.1-a	October 2026	Update with LM 2.2.1 release notes
2.2.0-a	June 2026	Update with LM 2.2.0 release notes
2.1.1-a	November 2025	Update with LM 2.1.1 release notes
2.1.0-a	September 2025	Update with LM 2.1.0 release notes
2.0.0-a	January 2025	Initial version

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