

# LM-X License Manager v4.4.5 Release Notes

LM-X License Manager version 4.4.5 includes the enhancements and fixes listed below. The changes in this release were made primarily in response to customer feedback. For more information about how we incorporate customer feedback into our development process, see [Customer-driven development](#).

## Enhancements

LM-X v4.4.5 includes the following enhancements.

Issue #	Description
LMX-1929	The SDK installer now includes a link to the online quickstart guide, <i>Getting Started with LM-X License Manager</i> .
LMX-1915	Clarified instructions for obtaining liblmxvendor.dll during End-user Tools installation.
LMX-1912	"Clean" target was added to SDK makefiles, also available in Visual Studio's solutions.
LMX-1898	The End-user Tools installer now has a proper default path to liblmxvendor.dll file when there was a previous installation of the LM-X SDK.
LMX-1895	Errors and warnings that occur during LM-X client library load are now obtainable by using LMX_GetErrorMessage.

## Fixes

LM-X v4.4.5 includes the following fixes.

Issue #	Description
LMX-1926	Restarting the license server causes sockets to be closed twice.
LMX-1899	Crash caused by using atexit or static object destructors.
LMX-1896	Usernames containing printf's special characters may cause a server crash or misprints in a log file.
LMX-1889	Calling LMX_Admin_UploadLicense causes License server to crash.
LMX-1876	Installer on *nix platforms not accepting uppercase letters in response to Y/N questions. Both lowercase and uppercase letters are now accepted.
LMX-1869	Race condition on loading LM-X client library.
LMX-1868	HAL crashes when no configuration file is specified.