## **LM-X License Manager v4.9.12 Release Notes**

LM-X License Manager version 4.9.12 includes the enhancements and fixes detailed 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 v4.9.12 includes the following enhancements.

Issue #	Description
LMX- 3654	There is now a system clock check performed any time a date (start date, end date, maintenance start date or maintenance end date) is present in the license.
LMX-36 18	The LM-X license field "VENDOR=VENDOR_NAME" is no longer allowed.
LMX- 3605	HASP HL error messages are now visible in extended logs.
LMX- 3600	LicserverClient will now update its server list for every change.

## **Fixes**

LM-X v4.9.12 includes the following fixes.

Issue #	Description
LMX-3652	Fixed missing build number in version.txt.
LMX-3636	Fixed NullPointerException in LicserverClient.
LMX-3630	Fixed bug with incorrect configuration for Visual Studio 2017 solution.
LMX-3623	MinGW builds now properly detect the Windows version.
LMX-3603	Fixed issue with failure to create missing directories for LicserverClient server list.
LMX-3594	Fixed bug with incorrect server priority on HAL restart.
LMX-2792	Internal license validator didn't print errors into logs.