

# LAS X Office 1.4.10

## **Release Notes LAS X Office 1.4.10**

LAS X Office is a version of the Leica Application Suite X for experiment review and can be downloaded free of charge from the Leica Microsystems website. It does not offer any hardware control and cannot be used for image acquisition. LAS X Office can be extended with licenses for additional processing tools, 3D visualization and image analysis. The release notes cover all offline tools no matter if they are license protected or part of LAS X Office.

In addition to LAS X Office 1.4.10, the corresponding LAS X 4.9.2 release can also be used as LAS X Offline to demonstrate and use STELLARIS modalities.

This document describes the LAS X Office 1.4.10 release. You should read this document before installing your copy of this software.

All reasonable steps have been taken to ensure that this publication is correct and complete, but should any user be in doubt about any detail, clarification may be sought from Leica Microsystems CMS GmbH, or their accredited representative. The information in this document is subject to change without notice and should not be construed, as a commitment by Leica Microsystems CMS GmbH. Leica Microsystems CMS GmbH accepts no responsibility for any errors that may appear in this document.

**Copyright © 2026 Leica Microsystems CMS GmbH**

All rights reserved. The contents of this publication may not be reproduced in any form or communicated to a third party without prior written permission of Leica Microsystems CMS GmbH. Due to a policy of continuous development, we reserve the right to change specifications without notice. Microsoft and MS-DOS are registered trademarks and Windows, the Windows logo, the Windows 2000 logo, the Windows XP logo, the Windows Vista logo, the Windows 7 logo, the Windows 10 and the Windows 11 logo are trademarks of Microsoft Corporation.

**Date: May 22<sup>nd</sup>, 2026, applying to build number 31016**

## Contents

|  |   |
|--|---|
| 1. Technical Requirements and Installation ..... | 4 |
| 1.1 Notes .....                                  | 4 |
| 1.2 Operating System .....                       | 4 |
| 1.3 Cybersecurity Advices .....                  | 5 |
| 1.4 PC Requirements .....                        | 5 |
| 1.5 Graphics Card Drivers .....                  | 5 |
| 2. Features .....                                | 6 |
| Confocal LAS X Office versioning .....           | 6 |
| 3. Important Information .....                   | 6 |

# 1. Technical Requirements and Installation

## 1.1 Notes

LAS X Office cannot be installed on the same PC as the LAS X full version. Please uninstall LAS X full version before installing LAS X Office.

LAS X Office 1.4.10 does not support:

- **AutoQuant 3D Deconvolution**
- **AutoQuant 2D Deconvolution**
- **HCS A (Matrix Screener)**
- **Cryo CLEM Wizard**
- **Live Stream Recording**
- **FALCON (Offline can be installed on the same PC as the LAS X Office)**

## 1.2 Operating System

LAS X 1.4.10 is a genuine 64-bit program and runs on **Windows 11 and Windows 10**.

**Windows 11 N and Windows 10 N versions** require the Windows Media Feature Pack to be installed before starting LAS X. For installation of Windows Media Feature Pack please follow the procedure described below:

Check Windows Version:

- Windowskey+R and run "Winver" or
- Settings/System/Info

**Windows 11 N:** Select the Start button, then select Settings > Apps > Optional features. Select View features next to Add an optional feature, and then select the Media Feature Pack in the list of available optional features.

**Windows 10 N:** Select the Start button, then select Settings > Apps > Apps & features > Optional features > Add a feature. Then locate the Media Feature Pack in the list of available optional features.

## 1.3 Cybersecurity Advices

Leica Microsystems recommends the installation of all available security updates and hotfixes for Microsoft Windows.

Please check the regularly updated Leica Microsystems Product Security web page to get the latest information and recommendation regarding product security vulnerabilities and detailed mitigation strategies

[www.leica-microsystems.com/company/product-security/](http://www.leica-microsystems.com/company/product-security/)

If you need further information or are not sure about security fixes suggested by a system component manufacturer, please contact us via [www.leica-microsystems.com/service/](http://www.leica-microsystems.com/service/)

If a vendor of a PC system component announces a severe security vulnerability, it is also recommended to update the drivers/software as suggested by the vendor (i.e. graphic card drivers).

## 1.4 PC Requirements

LAS X Office is released for Windows 10 and Windows 11. Minimum PC requirements are an Intel Core i5, Intel Xeon or AMD Ryzen processor and 16GB RAM. If LAS X Office is extended with licenses for additional processing tools, 3D visualization or image analysis an NVIDIA T1000 4GB graphics card and 64GB RAM are recommended.

Please note that LAS X Office has been tested with Leica Workstations. It cannot be guaranteed that all other PC configurations that meet the minimum requirements will work with LAS X Office.

## 1.5 Graphics Card Drivers

NVIDIA RTX A5000, A4000, A2000:

537.42-quadro-rtx-desktop-notebook-win10-win11-64bit-international-dch-whql.exe

NVIDIA Quadro T1000, T400:

537.34-desktop-win10-win11-64bit-international-dch-whql.exe

## 2. Features

### Confocal LAS X Office versioning

The following functionalities, previously covered by LAS X Offline (for confocal microscopes), are integrated in LAS X Office 1.4.10, including the existing license scheme:

- **SpectraPlex**
- **LIGHTNING Process** (no license needed)
- **LIGHTNING Expert**
- **LIGHTNING STED**
- **LIGHTNING DLS**
- **Microlab FRAP**
- **Microlab FRET AB**

## 3. Important Information

- **FIXED:** When opening a virtual fridge in SpectraPlex using LAS X Offline, a serial number mismatch occurs, preventing SpectraPlex from being used in LAS X Offline.
- Export interface: Multipage TIF files are exported individually for each selected channel.
- Batch Processing: due to a change in the Microsoft Windows scheduling handling batch processing might take much longer than processing the individual images. This affects systems with Windows 11 as well as Windows 10 operating systems.
- Do not load more than 5 projects into LAS X Office.
- The Segmentations tools within the Process tab are removed. Segmentation is covered within 2D and 3D Analysis.
- Navigator-> Mosaic Merge is removed. Use Process-> Mosaic Merge instead.  
Note: Mosaic Merge only merges one dataset at a time.
- Process-> Merge: Real World Positioning option is removed.
- Images containing parallax acquired in Navigator first need to be merged before EDOF (Extended Depth of Focus) is applied.
- Export of images larger than 4GB needs to be done within the LAS X 3D Viewer Export.
- Exporting RGB images via right click in viewer doesn't work.
- Do not create Excel reports without installed Excel.

- When installing LAS X from USB-Stick, Trend Micro blocks the AUTORUN.inf.  
**Workaround:** start setup.exe manually.
- When zooming into an image with measurement lines the measurement lines are not zooming accordingly.  
**Workaround:** perform measurements after zooming.
- LAS X is released for use with Windows Defender Antivirus and TrendMicro Antivirus.