

MaxLab Live v25.1 | What's New?

Simple and fast generation of high-quality reports

Upgraded Report Generation Module



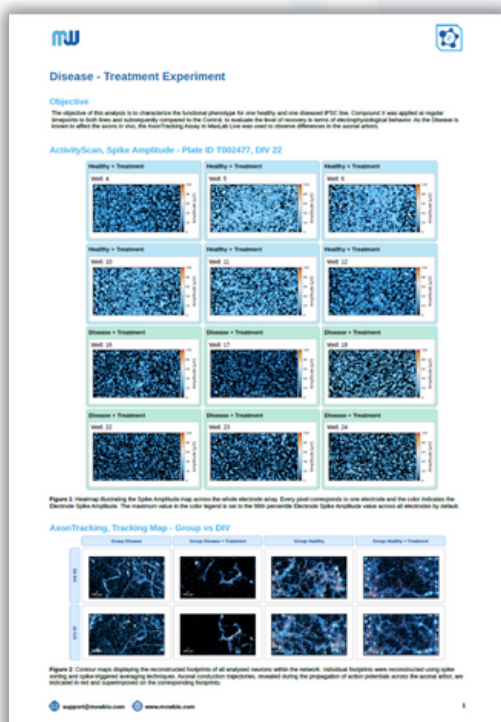
Visualize results across multiple experiments

Easy-to-use layouts and customization

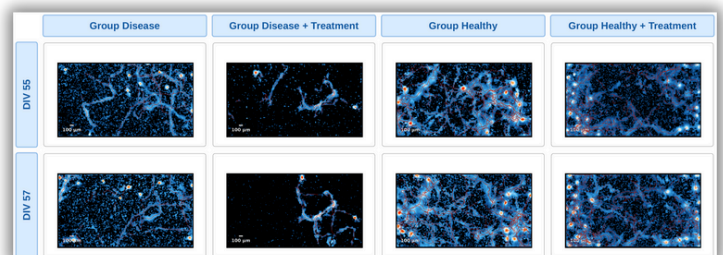
Fast generation of high-quality reports

PDF
Easy to share

PowerPoint
Ready to be presented



PNGs
For your publications



Further Improvements

- Key chip properties (e.g., chip type, electrode type, ring type, etc.) automatically loaded and displayed for MaxOne+ Chips.
- Revised MaxLab Live API documentation for better clarity, with an expanded FAQ section.

MaxLab Live Version 25.1 – Release Notes

25.1.2 – 29. April 2025

Important Note: This MaxLab Live release is not compatible with CentOS 7 operating systems, and the uploader will prevent the update if such a system is detected.

Key Updates

- **Report Generation Module:**
 - Customized reports can now be exported to PDF, PPTX, or PNG, featuring multiple sizes, orientations, metadata tables, and editable figure descriptions.
- **MaxOne+ Properties:**
 - Key chip properties for experimental logging (e.g., chip type, electrode type, ring type, etc.) are now automatically loaded and displayed for MaxOne+ chips in the Annotations.
- **API Documentation:**
 - The MaxLab Live API documentation has been revised for better clarity, with an expanded FAQ section.

Improvements & Bug Fixes

- **Report Generation and Batch Analysis Modules:**
 - All tables in a report can now be exported as single PNG files.
 - Individual neurons with tracked branches (Axon Analysis) can now be added to report tables.
 - Selected columns and filters in Manual Table selection are remembered for the next entry.
 - Pivot Table includes row and column grouping information by default.
 - Wellplate Table includes Plate ID and DIV by default.
 - Checkbox size is increased in Batch Analysis and Report Generation dialogs.
 - "New Analysis Trial" option is removed from Manual Table in reports.
 - Analysis type nodes in Batch Analysis results can now be collapsed.
 - New buttons added for "Create New Batch" and "Create New Report."
- **Stimulation Assay:**
 - A reference document (Electrical Stimulation Guide) with recommended amplitude ranges for electrical stimulation is now included and accessible through the MaxLab Live software.
- **Network Analysis:**
 - Corrected a scaling error in the Y-axis of the Network Activity plot.
- **AxonTracking Assay:**
 - Resolved an issue where Time Window default parameters were incorrectly doubled when using MaxTwo.
- **Activity Analysis:**
 - Resolved an error that caused the analysis to fail if one of the ActivityScan Assay configurations did not detect a single spike.
- **Assay & Project Interface:**
 - Improved functionality for importing assays.
 - Fixed an issue with the "Open Directory" button in the Project Dashboard.
- **API:**
 - Fixed a linking error in the API when calling the checkVersions function.
- **Analysis Metrics Export:**
 - Fixed an issue where modified annotations were not included in the exported metrics when exporting data.
- **MaxTwo Firmware:**
 - Improved firmware update process and Well Plate Id readout.

Revision History

MaxLab Live Version 25.1.8: September 2025
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25.1.4 – 20. May 2025

Improvements & Bug Fixes

- **API:**
 - Fixed a problem affecting Infinite Impulse Response (IIR) filtering functionality.
 - Corrected the documentation version.
- **AxonTracking Assay:**
 - Resolved an error that caused the analysis “Footprint Extraction” to fail in selected cases.

25.1.6 – 5. June 2025

Improvements & Bug Fixes

- **Electrodes View:**
 - Resolved an issue causing improper loading of the background image in the electrodes view.
- **API:**
 - Resolved a licensing issue affecting the use of API-based closed-loop applications.

25.1.8 – 15. September 2025

Improvements & Bug Fixes

- **MaxTwo Firmware:**
 - Firmware update (version 4.6.5) required for compatibility with 24-Well Plates shipped from October 2025 onward.