ProAnalyst 2023 and ProAnalyst Essentials Version 23.19.17 Release Notes

General Description

This version update contains recent feature enhancements and fixes.

Operating Systems

This version has been tested with Windows 10 and 11 64-bit versions.

Major changes implemented in ProAnalyst 2023

1. The installation system was completely re-written to install the software using Microsoft Software Installer (MSI) packages which are then bundled into a single executable.
2. The licensing was completely re-written to allow for finer customization of the software and to allow cloud licensing options.
3. The version and update system and process were changed so the major version number reflects the year the software was released.
4. Video handling was improved for Windows 10 and 11 OS's.
5. The GUI (icons, dialogs, etc.) was changed modestly. The icon colors are now higher contrast. The dialogs and interfaces aim for 1-2 layers of user interaction to access content instead of content being buried under several layers. Consequently, most of the right-click context menus have been eliminated.
6. All software is signed. Customers should no longer see an "unknown publisher" warning. If the software is unsigned, don't install it.

Detailed Changes from Previous Version

Only affects ProAnalyst Essentials

1. N/A

Affects both ProAnalyst Essentials and 2023

2. BUG: Graphing. The "Modify Recorded Parameters" dialog could cause the XT graph to overwrite a point with duplicate data if the values were set and then unset.
3. BUG: Project Window. Unable to drag and drop files into a project. This is resolved.
4. TYPO: Error Window. The window was displaying %s instead of the string value.
5. TYPO: Constrained Edge Tracking. There were areas still referring to channels as lines.
6. TYPO: Stick Models. There were areas still referring to sticks as lines some of these cannot be updated without significantly modifying the data graphing.
7. UPDATE: Buttons for all dialogs should have the stop symbol in the middle of the play controls.
8. UPDATE: Check Updates Window. Checks for updates on display.
9. UPDATE: Virtual Points. Can add Constrained Edge track points.
10. UPDATE: License Manager. The interface has been modified slightly to communicate information about trial licenses and inform users how to properly license the software.
11. UPDATE: Feature Tracking. Clear forward/backwards no longer includes the current frame.
12. UPDATE: Feature Tracking. Delete Mode has been brought back by popular demand.
13. UPDATE: Particle Tracking. Improved the input control of the text filters for size, angle, and eccentricity.
14. UPDATE: Particle Tracking. Customers can update current or all correspondences using the control panel.

Only affects ProAnalyst 2023

1. UPDATE: 3D Tracking. Calibration information can be exported with the units of the calibration file.
2. UPDATE: 3D Tracking. It is now possible to add more than 1 measurement to the 3D measurement window at a time.
3. UPDATE: 3D Tracking. It is now possible to export calibrations to a csv file.

Known issues.

1. "Windows tries to install XXXX.msi."
   This is a common feature of a Microsoft Software Installer package. It means something may be corrupted, and the OS is attempting to repair it.

   To fix this issue, go to C:\Windows\Installer and either search for file XXXX.msi or find all the MSIs which were authored by Xcitex. This second option can be done by changing the file view to detailed and right clicking the header region (file, date, size, etc.) and selecting Authors.

2. If you had a version less than 23.16.1 or your version begins with 24, please uninstall the installation prior to updating and consider performing the previous steps outlined in: "Windows tries to install XXXX.msi".

   Due to an automation error, one of the releases had a major version number was 24 instead of 23. This is resolved.

1. If a user creates a Stick Model and changes the order of Sticks within the list, this will impact the resulting Stick Model.

Installation Instructions

This version uses a new simplified installation interface. Run the installation executable and it will install the latest versions of the files.

How to get Technical Support

Technical support addresses, URLs and phone numbers are found in the Help → About box within the software. Please have your key tag number, registration number and software version number available when calling.

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