Studio Software Update 9.1.4 – Release Notes

Previous Studio Release: 9.1.3
Supported Equipment PC: Z370, Q470
Recommended PLC Versions (hardware dependent): 1090/2090 for AXP2.0 1011 for PS600S
Offline Studio Operating System: Extensive testing specifically performed on Win 10 64 bit

Summary:

This release is a hotfix to issues seen in the Studio 9.1.3 release. All included Studio applications have been validated for compatibility with previously created Akrometrix Studio file formats. Files created prior to Studio 8.0 will not be readily usable with the Automated Report Generator or Batch Interface Analysis feature. Important bug fixes and added features are listed below. This list does not include all resolved bugs and added features. Known issues are presented with workarounds where applicable.

Update Procedure:

PLC/HMI Update

No PLC or HMI update is required.

Install Studio 9.1.4
Download and Unzip the Studio 9.1.4 Installer zip file onto the system PC. Unplug the Studio USB dongle. Manually uninstall all Akrometrix Studio applications via Windows "Add or Remove Programs", then restart the computer. Install all applications for Studio 9.1.3 by launching the provided file "Akrometrix Studio 9.1.3 Installer x64.exe", then plug the Studio USB dongle back in. A full system power cycle is recommended after completing both PLC and software updates.

Key Bug Fixes:

- *Addressed urgent case where Thermal Profiler was not saving all data when running profiles with multiple regions of interest*

- 3D legends are now saved with the correct number of decimal places for respective units

- Changing reference plane rotation to "None" now has the intended result

- Resolved minor issues in changing between mil and micron units

- *Surface Measurement:*

  o Resolved issues with exposure time being correctly recorded in saving and loading a recipe, including handling of dual exposure settings

  o Part Tracking checkbox "Create Single Region from Instance Extents" removed due to associated errors

- *Thermal Profiler:*

  o **Exhaust commands no longer cause an error when used on the PS600S**

  o CRE Only: Resolved issue with Thermocouple Monitor when using CRE Module

- *Surface Analysis:*

  o The Save Image function no longer shows an error screen

  o The Save Legend function no longer shows an error screen

  o **Batch Processing**

    ▪ Resolved issues with batch masking not creating new files

  o **Automated Report Generator**

    ▪ Using the new Default.mdddl Automated Report Generator recipe file, no longer locks out access to some Page Formatting settings in the Layout Tab.

Key Feature Changes or Additions:

- Gap data can now be saved as akx_disp files in Batch Interface Analysis
- Logging history has been increased to 21 files

Known Issues

- No known issues are reported at this time.

Versions (listed for reference):

Studio Manager	9.0.19284
SurfaceMeasurement	9.1.19284
SurfaceAnalysis	9.1.19284
ProfileGenerator	8.0.19284
FileConverter	7.5.19284
LicenseUtility	9.0.19284
User Manuals Studio	Studio 8.5