

Gocator Firmware 4.6 SR2 - Release Notes

Firmware Version 4.6.7.74

Document Revision A

Compatibility

Gocator 4.x firmware is NOT compatible with Gocator 3.x firmware. Users need to setup their configurations using the Gocator 4.x firmware. SDK users need to update their software to work with the Gocator 4.x SDK.

The [Gocator 4.x Setup migration guide](#) and [SDK migration guide](#) explain how to migrate from Gocator 3.x firmware to Gocator 4.x firmware.

Sensors upgraded to the Gocator 4.x firmware can downgrade back to Gocator 3.x firmware.

Users should back up their sensors before upgrading from Gocator 3.x firmware to Gocator 4.x firmware.

The Gocator 4.x web interface requires IE 9 or newer, Firefox or Chrome. Adobe Flash version 11 or above is also required.

Fixes

<i>C revision with Master 1200/2400</i>	Powering on Gocator 2300 C hardware revision and Gocator 2400 series sensors through some Master 1200 and Master 2400 units could result in the sensors not detecting the Master units successfully during boot. This prevented encoder triggering through the Master unless the sensor was reset after initial boot.
<i>GoX crash with "Continuity" spot selection</i>	With the GoX Accelerator, when no data is present, and the Spot Selection mode was set to "Continuity", the PC accelerator program could crash.
<i>Scheduled digital output</i>	Enabling scheduled output on both digital outputs in the default job could under some conditions cause erratic behaviour of the sensor and potentially lead to a sensor crash.
<i>Serial ASCII custom string</i>	When using a custom formatting string for Serial ASCII output, the sensor could crash if the length of that string exceeded 256 characters.
<i>EtherNet/IP Force Change of State</i>	With output with Ethernet/IP protocol, Implicit Messaging, and Force Change of State, large numbers of frames could be lost.
<i>Surface Plane rendering</i>	After the measurement region of the Surface Plane is placed where there is no data, the plane could stop being rendered even after placing the region back on valid data.
<i>Surface Position Max X</i>	When using the region Z Angle in the Surface Position tool, a wrong Max X

	measurement could be reported by the tool.
<i>Surface Edge Tool</i>	The Surface Edge tool could detect an edge when its region is placed offset in Z above an edge feature outside of the region of the valid data.
<i>Script editor</i>	The script editor would not switch to full screen when clicking the full-screen button.
<i>ASCII protocol triggering</i>	The GoX Accelerator could crash occasionally when triggering the sensor over ASCII protocol.
<i>Feature ID conflict</i>	After copying Feature tools with multiple Feature outputs, the ID numbers of those features could conflict resulting in erratic behaviour in other tools consuming those Features.
<i>Emulator scenario rename</i>	It was not possible to rename scenarios in the Emulator without an error message.
<i>Active Area, Acquire</i>	When a Feature Intersect or Dimension tool were used, the Active Area "Acquire" feature could not successfully acquire a snapshot.

Known Issues

<i>Scroll Wheel in Microsoft Edge Browser</i>	At the time of the release, the mouse scroll wheel did not work as expected in the visualizer view (zoom in/out) when using the Microsoft Edge browser under Windows 10. A workaround is to hold down the right mouse button and scroll.
<i>Translations incomplete</i>	Not all English text is translated in every translation.

SDK and Protocol Changes

Protocol Version 101.9

Protocol version is specified as [Major].[Minor]. Firmware releases with the same Protocol Major version are backward compatible and users do NOT need to recompile their applications unless features in the newer version are used.

No changes were made to the protocol and SDK between 4.6, 4.6 SR1 and 4.6 SR2. For details on the 4.6 changes from 4.5, refer to the 4.6 release notes.

