

Public 24.1 - v2.0.0

New Product Features

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Increased storage - I-C4C GO [↗](#)

Starting from this release we included the support for I-C4C devices with an increased flash memory storage of 16 MB.

The original I-C4C PRO and BASIC variants had 8 MB of storage.

Rest API improvements [↗](#)

The Rest API is providing the information that is displayed on the web-interface. Data is presented in a text-based format called JSON.

In the previous version the JSON text was composed without using a software library. All new API calls are implemented using a library, which improves code performance and readability. The rewriting of the REST API reduces the load on the CPU and increases the performance of the web-interface.

v1.0.0 - Old REST API	Waiting	Size
/input_handler	55 ms	384 B
/output_handler	65 ms	266 B
/analogOutput_handler	65 ms	115 B
	185 ms	765 B

v2.0.0 - New REST API	Waiting	Size
/api/v1/status/IO/	15 ms	1600 B

Ikuflex [↗](#)

Ikuflex is the name of the protocol that allows the I-C4C GO to present information on the Display of the radio transmitter.

The IC4C-Go sends the information to the radio receiver over CAN and the radio receivers transmits the information to the radio transmitter via a wireless signal.

The current standard for tandem applications is developed for IK3 & IK4 radio transmitter that are equipped with a TM80 radio module and a 4.3" display.

When developing the user screens we applied the "dark cockpit" concept which we borrowed from the aviation industry. This means that when everything is functioning as it should there are no icons or colors that are drawing the attention from the operator.

When certain movements are not allowed their icon is shown on the display so that the operator can see the current status of the system in the blink of an eye.

This Ikuflex integration shows the potential of our product ecosystem.

Custom screens can be created on request, the creation of these screens is a multi-disciplinary effort since it requires designing the graphics and symbols, programming the radio transmitter and the logic in the IC4C-GO.

