



HELIO



# Fact Sheet

As of January 2025

## FEATURES

### 100% WEB TECHNOLOGY

HMIs and development environment can be run entirely in the browser as web applications

### FUTURE-PROOF

Independent of manufacturers, hardware and operating systems

### WHAT YOU SEE IS WHAT IT IS

Live preview and testing of the real application directly in the development environment

### LIVE & DIRECT

Runtime data from the PLC directly in the IDE

### FULLY RESPONSIVE

Automatically independent of panel sizes

### NO CODE

No knowledge of JavaScript or CSS necessary

### INTUITIVE DATA POINT MANAGEMENT

All data sources at a glance, data import via drag & drop

### MULTI-CLIENT CAPABILITY

several end devices can call up and operate the same or different HMIs simultaneously with one runtime

### MULTI-PLC-SUPPORT

Combine data from different systems in one interface

### CUSTOMIZABILITY

Various UX-optimized themes, customizable colors and fonts

### CONNECTIVITY

Integration of web content via iFrame

### INDUSTRY STANDARDS

Recipe management, user management, alarm history

### DIAGNOSIS OPTIONS

Historization of runtime data

## MULTILINGUALISM AND INTERNATIONALIZATION

- \_Multilingual projects
- \_Language switching in the HMI
- \_Live preview of translations in the development environment
- \_Native UTF-8 Support
- \_Export and import of language tables as CSV or JSON

## SUPPORTED INTERFACES

- \_OPC Unified Architecture (UA)
- \_MQTT

more on request

## EXPANDABILITY

### \_CUSTOM ELEMENTS

New elements with their own functionality integrate seamlessly

### \_CUSTOM THEMES

own consistent style guides for the entire HMI

## SUPPORT & TRAINING

- \_HELIO Trainings
- \_Individual Workshops
- \_UX-Consulting

## ELEMENT LIBRARY

### OPTIMIZED PAGE-TEMPLATES FOR COMMON USE CASES

- |                  |                        |
|------------------|------------------------|
| _Dashboard Page  | _Embedded Webview Page |
| _Parameter Page  | _User Management Page  |
| _Collection Page | _Tab Group             |
| _Page Group      | _Recipes               |
| _Flow Map Page   |                        |

### ELEMENTS

- |                     |                                    |
|---------------------|------------------------------------|
| _Button             | _Collection Widget                 |
| _Magic Input        | _Parameter                         |
| _Text Field         | _Parameter Group                   |
| _Numeric Stepper    | _Markdown                          |
| _Numeric Field      | _Header / Sidebar / Statusbar Cell |
| _Switch             | _Logo Cell                         |
| _Jog Control Button | _Dialog                            |
| _Timezone Input     | _Machine Control                   |
| _Dropdown           | _Machine Control Selector          |
| _Magic Output       | _Spacer                            |
| _Data Table         | _Custom Message                    |
| _Gauge              | _Default Message                   |
| _Pie Chart          | _Flow Map                          |
| _Radial Bars        | _Sidebar                           |
| _Trend              | _Statusbar                         |
| _Linear Flow        | _Header / Sidebar Selector Cell    |
| _Image              | _Dynamic SVG Layers & Actions      |
| _Embedded Webview   | _Interactive Image Markers         |
| _Progress Bar       | _Value Bar                         |
| _Dashboard Widget   | ... and many more                  |

## MINIMAL SYSTEM REQUIREMENTS (HARDWARE)

	RUNTIME	DEVELOPMENT ENVIRONMENT	HMI
Processor	ARM (64 bit) x86-64 (Intel, AMD)	DESKTOP x86-64 (Intel, AMD) ARM (64 bit)	MOBILE x86-64 (Intel, AMD) ARM (64 bit)  DESKTOP x86-64 (Intel, AMD) ARM (64 bit)
RAM	min. 2GB		
CPU	min. 2 Kernels min. 800 MHz	min. 4 Kernels min. 3 GHz	min. 4 Kernels min. 3 GHz

## MINIMAL SYSTEM REQUIREMENTS (SOFTWARE)

	RUNTIME	DEVELOPMENT ENVIRONMENT	HMI
Operating Systems	Windows, Linux, macOS	DESKTOP Windows, Linux, macOS	MOBILE iOS, Android  DESKTOP Windows, Linux, macOS
Supported Browsers	-	DESKTOP Google Chrome v117 or above, Microsoft Edge v117 or above	MOBILE Safari (iOS) v16 or above, Chrome (Android) v129 or above  DESKTOP Chrome v117 or above, Microsoft Edge v117 or above Safari (macOS) v16 or above

## HELIO RUNTIME LICENSES

We offer runtime licenses of different sizes, scaled according to variables, data sources and clients. So you don't pay more than you need and can adapt






your licenses to your requirements. The IDE (editor) for your project is included in every installation and does not need to be licensed separately.

	VARIABLES Number of available process variables in IDE and HMIs.	CLIENTS Number of available client connections from IDE and HMIs.	IDE Project editor included	PROJECTS Number of projects that can be run in the IDE	DATA SOURCES Number of available connections to data sources in IDE & HMIs.	PRICE Per Runtime
XS	100	2	✓	1	1	150,00 €
S	500	4	✓	1	2	450,00 €
M	2.000	6	✓	1	5	680,00 €
L	5.000	11	✓	1	10	980,00 €
XL	15.000	16	✓	1	15	1.450,00 €
Custom	as desired	as desired	✓	as desired	as desired	upon request

## HELIO DEVELOPER LICENSE

The HELIO Developer License enables the creation of any number of projects with the help of the IDE. Regular updates and premium support ensure that the software is always up to date. The license is ideal for users who want

to integrate HELIO into various machines and systems and are looking for convenient project management. The license is bound to one PC workstation.

<b>PROJECTS</b>  Number of projects, that can be created in the IDE. unlimited	<b>ADMINISTRATION</b>  Convenient Project management included	<b>SUPPORT</b>  Assistance when it is needed. by e-mail and telephone	<b>UPDATES</b>  Always up to date with the latest features regularly	<b>PRICE</b>  annually 2.000,00 €
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## CUSTOM LICENSES

If our current license model does not yet meet your requirements, we will be happy to work with you to develop a customized solution: [sales@helio-hmi.com](mailto:sales@helio-hmi.com)