



HELIO



Fact Sheet

As of November 2024

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. 2 GHz	min. 4 Kernels min. 2 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 v106 or above, Microsoft Edge v106 or above	MOBILE Safari (iOS) v16 or above, Chrome (Android) v113 or above DESKTOP Chrome v106 or above, Microsoft Edge v106 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.

PROJECTS  Number of projects, that can be created in the IDE. unlimited	ADMINISTRATION  Convenient Project management included	SUPPORT  Assistance when it is needed. by e-mail and telephone	UPDATES  Always up to date with the latest features regularly	PRICE  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