

# HELIo

HELIo lets you create **intuitive HMIs** more quickly and easily which – thanks to modern web technology – are **really responsive** and **independent of platforms and devices**.



## + No Code

HMI development without programming effort

## + Usability Out of the Box

HELIo takes care of the UX design for you

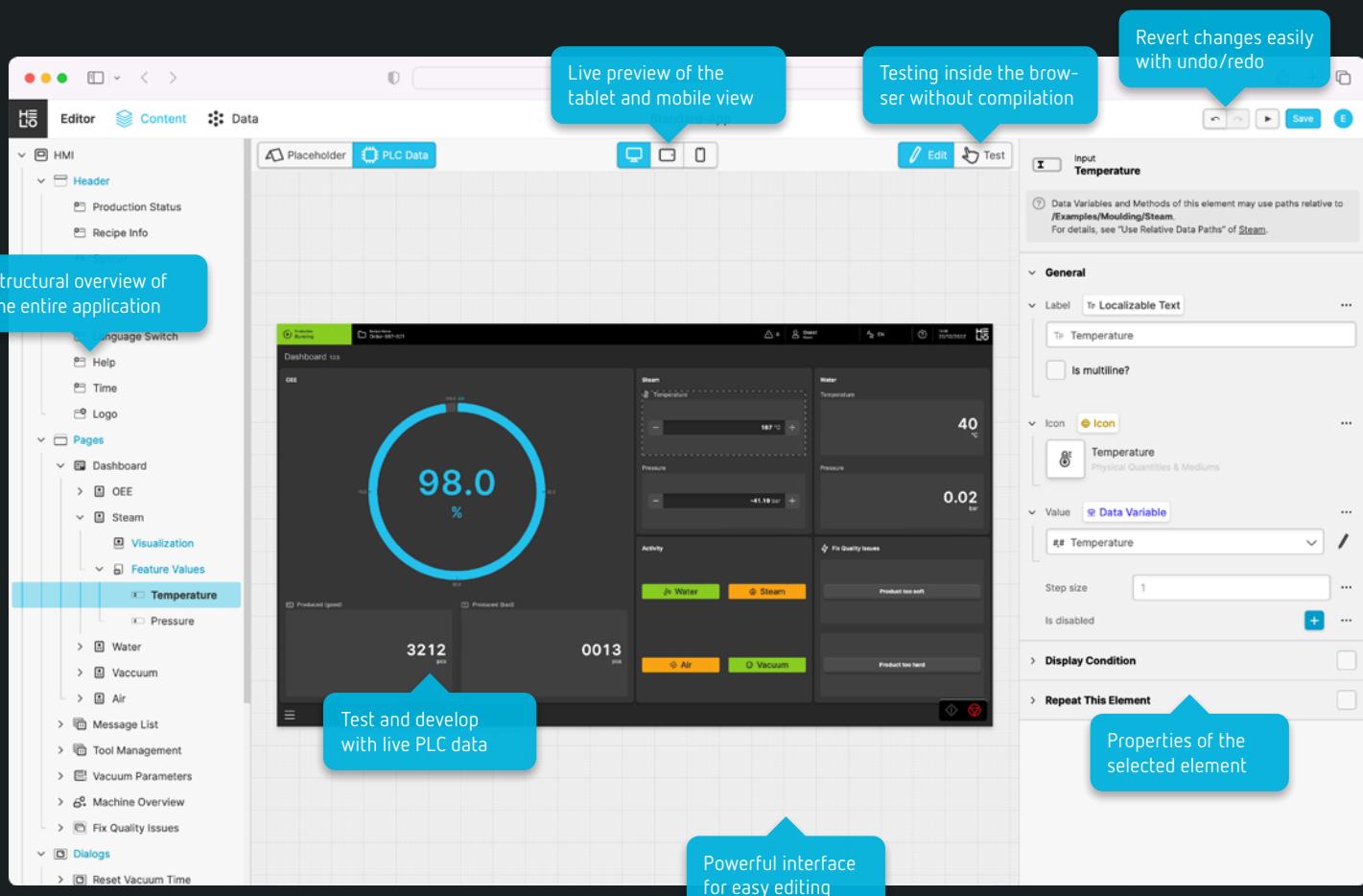
## + Works Anywhere

Future-proof and flexible thanks to real responsiveness

# Noticeably Easier. Measurably Faster.

Developed by certified UX experts, HELIO provides well-thought-out templates which already provide professional interface design out of the box.

The result is not only easy to use, HELIO itself can also be learned easily and quickly, thus lowering development costs significantly.



## HELIO at a Glance

# Facts & Features

### Supported Interface Standards

HELIO currently supports the following industry standards for access to machine control systems:

- + OPC UA
- + MQTT

### System Requirements for ...

#### HELIO Runtime

- + Operating systems: Windows, Linux, macOS
- + Memory: at least 1 GB
- + Processor: ARM (64-bit) or Intel

#### HELIO HMIs

- + Operating systems: Windows, Linux, macOS, iOS, Android
- + Browser: Chrome, Safari

#### HELIO Development Environment

- + Operating systems: Windows, Linux, macOS
- + Browser: Chrome

### How HELIO Protects Your Data

Security and data protection are just as important to us as a great usability. We made many architectural decisions consciously to protect your data and control systems in the best possible way.

### The HELIO Runtime – 100% Offline-Capable and Self-Sufficient

The runtime is the only software that needs to run on the target device during operation. It delivers the HMIs and communicates solely with the PLC – without any connection to the internet. The data generated during operation such as the historization of control values is also saved securely on the target device.

### The HELIO Development Environment – Web-Based Collaboration With The Highest Demands On Data Security

To ensure that you and your colleagues can collaborate on HMIs easily, without having to install extensive software on your development computers, the HELIO Development Environment is also 100% web-based. You simply run it right in your browser. Your project data is stored securely in Germany, so it is subject to the strict data protection guidelines of the EU.

Once the development of the HMI is completed, only the HELIO Runtime is installed on the target device and the project configuration is transferred from the development environment to the device. After that, the machine is completely self-contained.

### Bonus: On-Device Development Environment for Offline Configuration

An offline development environment is automatically included in each HELIO Runtime. Thus you can also make changes to the configuration after the commissioning or maintenance – the correct version of the development environment is always included.



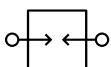
## Advantages During Development

# Develop User-Centric HMIs Without Programming



## Independent & Future-Proof

Because HELIO is based on web technology, it is completely independent of the hardware and software used. With HELIO you can work cross-platform on any device that runs a browser, be it Windows, Linux or Mac. And the HMIs developed with HELIO also run in a secure and stable manner in your browser. This makes HELIO particularly future-proof, since the replacement of hardware – whether it's the displays, computers or machine components – has no influence on the usability.



## Live & Direct

When editing an HMI with HELIO the live PLC data can be displayed at any time in the editor. Because there is no compilation step between editor and finished HMI, time-consuming and nerve-wracking intermediate steps are not required.

This is more than WYSIWYG – it is "[What You See Is What It Is](#)".



## Simpler. Faster. Better.

Not only the HMIs developed with HELIO are easy to use – even their editing in HELIO itself works effortlessly so that better results can be achieved faster. This reduces the learning and transfer time and goes easy on budget resources.

Advantages During Operation

## Optimize Your Machines And Systems With Intelligent User Interfaces



Intuitive operation on almost all devices –  
user centered and responsive



### Usability Out of the Box

User interfaces which focus on users and usability not only work better, faster and more intuitively - they also allow the full potential of machinery and equipment to be utilised. HELIO has intelligent UX components on board and [takes care of the UX design for you](#).

At HMI Project we have been designing and developing internationally-acclaimed user interfaces for over ten years. This expertise was essential in the development of HELIO.



### Responsive on All Devices

HELIO is inspired by the architecture of modern websites. This means that the elements of the HMIs adapt intelligently to the device on which they're running. Whether it's a 27" display, a tablet or a smartphone: HMIs built with HELIO are automatically optimized for the available screen size without your having to create a separate layout. This is real responsiveness without scaling or side scrolling.

arrange a personal presentation → [helio-hmi.com](http://helio-hmi.com)





## HELIO is a Product Of

### HMI Project

HMI Project is an award-winning office for Human Machine Interfaces from Würzburg.

Our interdisciplinary team of 20 employees with expertise in design, usability and development creates user-friendly software through high-quality design and delivers customized solutions that work and inspire.

As a team we have already implemented more than 100 projects successfully and received more than 30 awards. HELIO is our solution to implement user-friendly interfaces rapidly and efficiently.

→ [hmi-project.com](http://hmi-project.com)

### KEB

Being a medium-sized, family-owned company, OEMs appreciate us as their partner for applications in nearly all areas of machine and plant engineering as well as the plant, system and processing technology.

HELIO is a flexible and future-oriented solution in particular for us because it can be perfectly customized for use with our hardware products and the different operating panels. Furthermore a huge advantage is that HELIO is developed as a completely standalone software - this way the entire market can profit from the advantages of HELIO.

→ [keb.de](http://keb.de)



Markus Buberl  
Managing Director

### Interested?

We would be happy to give you a detailed demonstration of HELIO in a personal presentation.

We gladly accept appointment requests  
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or via our website: [helio-hmi.com](http://helio-hmi.com)