

# UniLogic® Top Features

UniLogic® Studio provides a unified environment for hardware and communication configuration, Ladder, and HMI applications.

## All-in-One ...

Ladder, HMI & Web Server, Hardware & Communications, Data Trends & Recipes, Alarms and more

## Build-it-Once ...

Reuse Library: Functions, HMI & Webpages

## Context-sensitive...

Toolbox for Ladder, HMI & Web Elements

## Power from C ...

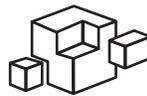
Structs & C Functions

## No Searching ...

Everything is visible



## UNILOGIC® Studio



### All-in-One Ergonomic Design - Everything is Visible

The Solution Explorer shows it all: Hardware Configuration, Ladder functions, HMI and Webserver screens, Actions, Data Tables, Data Samplers, Communication protocols, SMS, and emails. Context-sensitive toolboxes display only relevant options and functions.



### Structs - Tag Database on Steroids

You create Structs - groups of data tags of different types organized into a single, logical unit - and reuse them across programs, especially with UDFBs (User Defined Function Blocks). UniLogic' built-in Structs enable you to configure and control hardware and complex functions such as Communications and PID.



### Speed Ladder Programming – plus “C” Power

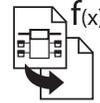
Build your Ladder: drag & drop elements that snap into place, error-free. Use the built-in C Function editor to write C functions. UniLogic means you 'write-it-once': create code to use, reuse, and export across projects. Create UDFBs (User Defined Function Blocks) - self-contained functions for tasks such as oven control.



### Design Beautiful HMI Displays - Stream Video, Audio, Pdf

HMI screens appear as if they were designed by a graphic artist, when you use UniLogic's extensive free graphic library and HMI widgets. The simple HMI editor supports layers, image transparency, overlap, and rotation.

Video and audio player widgets, complex trend graphs and gauges for the display of run-time values, and data table display, are visible in the HMI toolbox - just drag & drop them onto your screen.



### Build-it-Once, then Reuse - the Ultimate Time Saver

Add your UDFBs, HMI screens, and Web Pages to the Library. Then, drag & drop them where you need them - UniLogic takes care of the tags.

You can import your Library into any project, and share it with others.



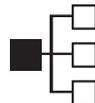
### Languages: from Italian to Chinese at the touch of a button...

UniLogic supports any language that you can type - including Asian languages such as Chinese, Japanese, and Korean. You simply enter translated text into the Language Table Translation. Instantly switch HMI language via user actions or program events.



### Built-in Alarms - Easily Boost Application Safety

Accords with ISA 18.2 standard guidelines for Alarm Management systems in the process industries. Intuitive features allow operators to detect Alarms, analyze them, and take action. Export your Alarm Log via FTP, send it via email, or copy it directly from the controller via a DOK. Alarms feature full multi-language support.



### Communications: Configuration not Programming

Incredibly fast, easy to configure and implement, UniStream data communications function independently of Ladder. A single PLC can contain multiple slave definitions - and multiple master definitions. **Communicate with any device** via plug-and-play for protocols such as MODBUS, CANopen, SNMP, and EtherNet/IP. Use Message Composer for data communications with devices such as frequency converters and bar-code readers via any Ethernet, CANbus or serial 3rd-party protocol. UniStream also supports CAN Layer 2, FTP Client/Server, SMS, email, and communications via GSM/GPRS modem. **Remotely Access** your UniStream via VNC from PC, cellphone, or tablet. Plus, the built-in Web Server enables secure remote monitoring and data editing.



### Power Data Tools - Data Sampler, Data Tables, Recipes

Data Samplers record dynamic application data, such as output values, at fixed intervals into files; display it as Trend graphs on the HMI.

Data Tables are a unique power feature: organize and manipulate data via Ladder, create data logs, implement Recipes, import/export values from/to Excel, allow users to enter/edit data into Data Tables via the panel, and more.



### Web Server: Easily create web pages

You do not need to know any HTML at all to design elegant web pages: the drag & drop interface is identical to the HMI editor. A rich graphic library is at your disposal. The Web Page toolbox offers user controls and widgets, enabling the end user to view and enter application data via any web browser.