

# VisiWin7

UNLIMITED HMI  
POSSIBILITIES





# AN HMI SOFTWARE FOR ALL DEVICES

## ABOUT VISIWIN

### HMI/SCADA PROCESS VISUALIZATION

From simple HMIs to complex SCADA applications: VisiWin creates ultra-modern operator interfaces controlling stand-alone machines or whole production lines and can be used in any industrial sector.

You can combine large monitors with compact operator panels or multi-monitor solutions with mobile devices – the possibilities are plentiful.

## YOU SET YOUR OWN LIMITS!

**THE PERFECT COMBINATION OF COMPLETE OPENNESS AND CONFIGURABLE RANGE OF FUNCTIONS MAKES EVERYTHING POSSIBLE. IN VISIWIN, ALL FEATURES OF A CLASSIC HMI SOFTWARE ARE PAIRED WITH INFINITE PROGRAMMING POSSIBILITIES AND THE BEST TOOLS AVAILABLE ON THE MARKET.**

You don't want to do anything complicated and the tool shouldn't be complicated either? Just use our VisiWin ready-made components and the numerous approved functions!

You can't wait to finally break through the boundaries of conventional tools and to build a user interface that really gives you a competitive edge? VisiWin is what you are looking for!



## OPENNESS

UNLIMITED POSSIBILITIES WITH OUR COMPLETELY OPEN ARCHITECTURE: YOU CAN WORK IN VISUAL STUDIO AND BLEND USING C#, VB, AND XAML COMBINED WITH .NET, WPF, AND HTML5 TECHNOLOGIES. WITH EXTENSIBLE FUNCTIONS AND STANDARD FILE FORMATS, YOU CAN DO JUST ABOUT ANYTHING.

You want to integrate custom elements into your HMI application, display an online spare parts catalog or create a VisiWin project "at the push of a button"? No problem! VisiWin can integrate almost anything you want and, more importantly, anything that makes your HMI really good.

It helps to create a unique HMI if so desired, both in terms of functionality and design!

**SOPHISTICATED LOGIC WITH VISUAL STUDIO**

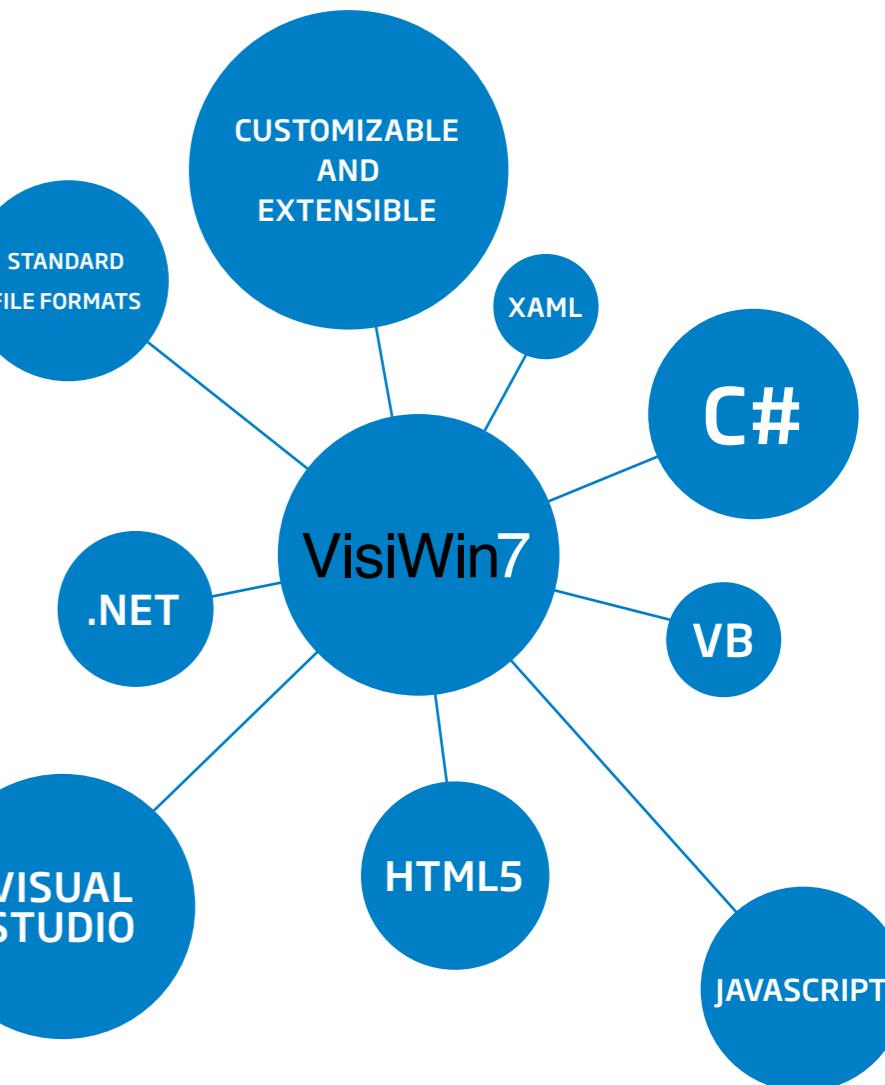
Statistics, databases, mathematical operations, integration of third-party components, or even specific interactions with the user interface – the list of technical requirements for modern user interfaces is lengthy. To face the challenge, a proven champion enters the ring: Microsoft Visual Studio can seamlessly be integrated with VisiWin.

### EXCELLENT GRAPHICS WITH WPF

From individual buttons through custom

theming up to a complete HMI in your corporate design including custom buttons, navigation elements, and high-quality images. There is a specialist for that: Blend for Microsoft Visual Studio.

**VISUAL STUDIO/BLEND: SEAMLESS INTEGRATION WITH VISIWIN SINCE ALL THREE TOOLS USE THE SAME PROJECT WITH IDENTICAL FILES AND FOLDERS.**



# UI TECHNOLOGIES FOR VARIOUS APPLICATION SCENARIOS

## VISIWIN MODERN UI – EXCELLENT GRAPHICS

MODERN UI IS THE TOOL OF CHOICE FOR GRAPHICALLY DEMANDING PROJECTS.

Transparency effects, custom UI elements, 3D images and animation – with VisiWin Modern UI everything is possible. Based on



>>>> MORE INFORMATION >>>>

Architecture

[inosoft.com/en/architecture](http://inosoft.com/en/architecture)

## VISIWIN WEB UI – THE MOBILE SOLUTION

KEY TAKEAWAYS: THE VISIWIN SOLUTION FOR MOBILE DEVICES TAKES YOUR HMI INTO THE BROWSER ON TABLETS AND SMARTPHONES USING STATE-OF-THE-ART HTML5 TECHNOLOGY.

When people need to be mobile while working, they also need to stay informed wherever they are.

VisiWin has been doing its job reliably as a human-machine interface for three decades now. It enables operation, monitoring, supervision, logging, and more on industrial PCs and (multi-)touch panels.

The system is now rounded off by support for mobile devices.

Based on the latest browser-based HTML5 technology, the mobile VisiWin client supports almost all current smartphones and tablets!

- Responsive design
- Web sockets
- Style guide
- CSS
- Templates

## CROSS-PLATFORM

INCREASED FLEXIBILITY FOR MACHINE MANUFACTURERS: VISIWIN CROSS-PLATFORM HMI INCLUDING AN APP FOR DOCKER & CO.

A platform-independent variant of the powerful VisiWin Runtime system is now available. The VisiWin 7 Cross-Platform Runtime

allows to run VisiWin 7 server projects and VisiWin 7 Web UI projects on any Windows or Linux-based automation device.

This makes VisiWin a fully hardware-independent system that allows machine manufacturers to switch to deliverable products in case of short-term supply bottlenecks.

Thanks to VisiWin, you are immediately able to meet your delivery targets again!

## VISIWIN ENABLES HARDWARE INDEPENDENCE IN CASE OF SHORTAGES

What works for consumer end devices should work for the industrial market, too: Apps running in a container directly on a PLC or edge device either under Windows or Linux. The app is installed from an app store.

This is easily possible since containers are stand-alone, executable software packages that contain everything needed to run the app. These software packages are always executed in the exact same way regardless of the infrastructure. In practical terms, this

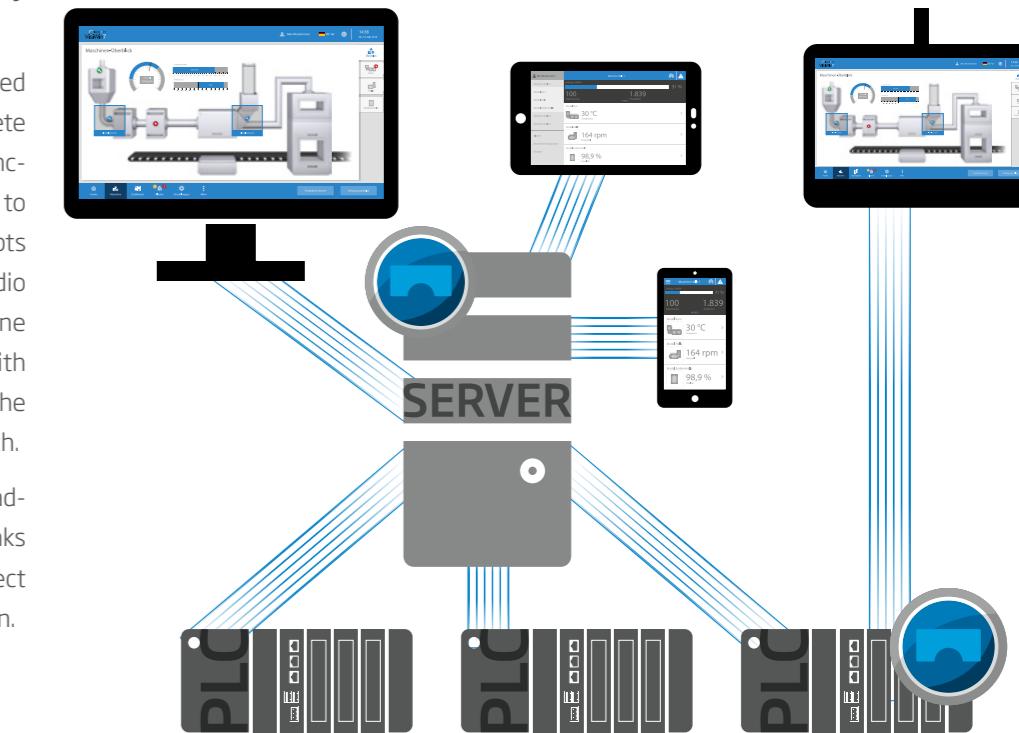
means that in future, machine manufacturers will have more options when choosing components for their machines since these components can work smoothly together thanks to container apps. That's why having decided in favor of a certain PLC, your choice of software is not inevitably limited the HMI software provided by the manufacturer of the PLC.

# THE NEW VISIWIN CROSS-PLATFORM RUNTIME

>>>> MORE INFORMATION >>>>

Cross-Platform

[inosoft.com/en/cross](http://inosoft.com/en/cross)



# COUNTLESS PARAMETERIZABLE SYSTEM FUNCTIONS



## SCOPE OF FUNCTIONS

WITH ITS HUGE AMOUNT OF CONFIGURABLE SYSTEM FUNCTIONS AND CONTROLS, VISIWIN SUPPORTS USERS WITH ALL TASKS. THE COLLABORATIVE ENGINEERING CONCEPT ENHANCES TEAMWORK AND ENABLES GREATER EFFICIENCY IN THE USE OF RESOURCES.

Process communication, language switching, alarm management, recipe management, trend recording, user management, logging, reporting, UI design – VisiWin's extensive range of functions leaves little to be desired.

### PROCESS COMMUNICATION

The VisiWin communication drivers feature optimal performance, stability, and diagnostic functions for all well-known controllers.

### LANGUAGE SWITCHING

An application may include various languages, fonts, and measurement units that can be switched at runtime.

### ALARM MANAGEMENT

The VisiWin alarm system allows to recognize critical machine states and to react to them.

### RECIPE MANAGEMENT

Supports combination of set values into recipes as well as hierarchical recipes and

process variables.

### TREND RECORDING

The VisiWin trend system allows to record process variables chronologically and to configure the display of recorded data.

### USER MANAGEMENT

Allows to manage rights/levels, passwords, and log-in options (touch/remote maintenance dialogs, RFID interface/card reader).

### LOGGING

The logging system records system events, custom events, and disturbances in a forgery-proof manner.

## ENGINEERING

TO DEVELOP A FUNCTIONING HMI, IDEAS AND DRAFTS MUST BE IMPLEMENTED FIRST. THE COMMAND CENTER FOR THIS PROCESS IS THE VISIWIN DEVELOPMENT ENVIRONMENT.

The basic components of an HMI application are screen masks, the logic, and definitions of various types. VisiWin users edit their projects in a modern environment with docking windows and menu bars. A powerful graphical editor, property pages, document outline views, and a modern source code editor (C#, VB, and XAML) are included.

The VisiWin modularization concept allows to create and maintain partial projects that can be wrapped and versioned for later re-use as pre-built modules in the final HMIs.

### MICROSOFT VISUAL STUDIO/BLEND

And that's not all. The VisiWin development environment itself and the projects created with it are compatible with the Microsoft development tools Visual Studio and Blend for Visual Studio.

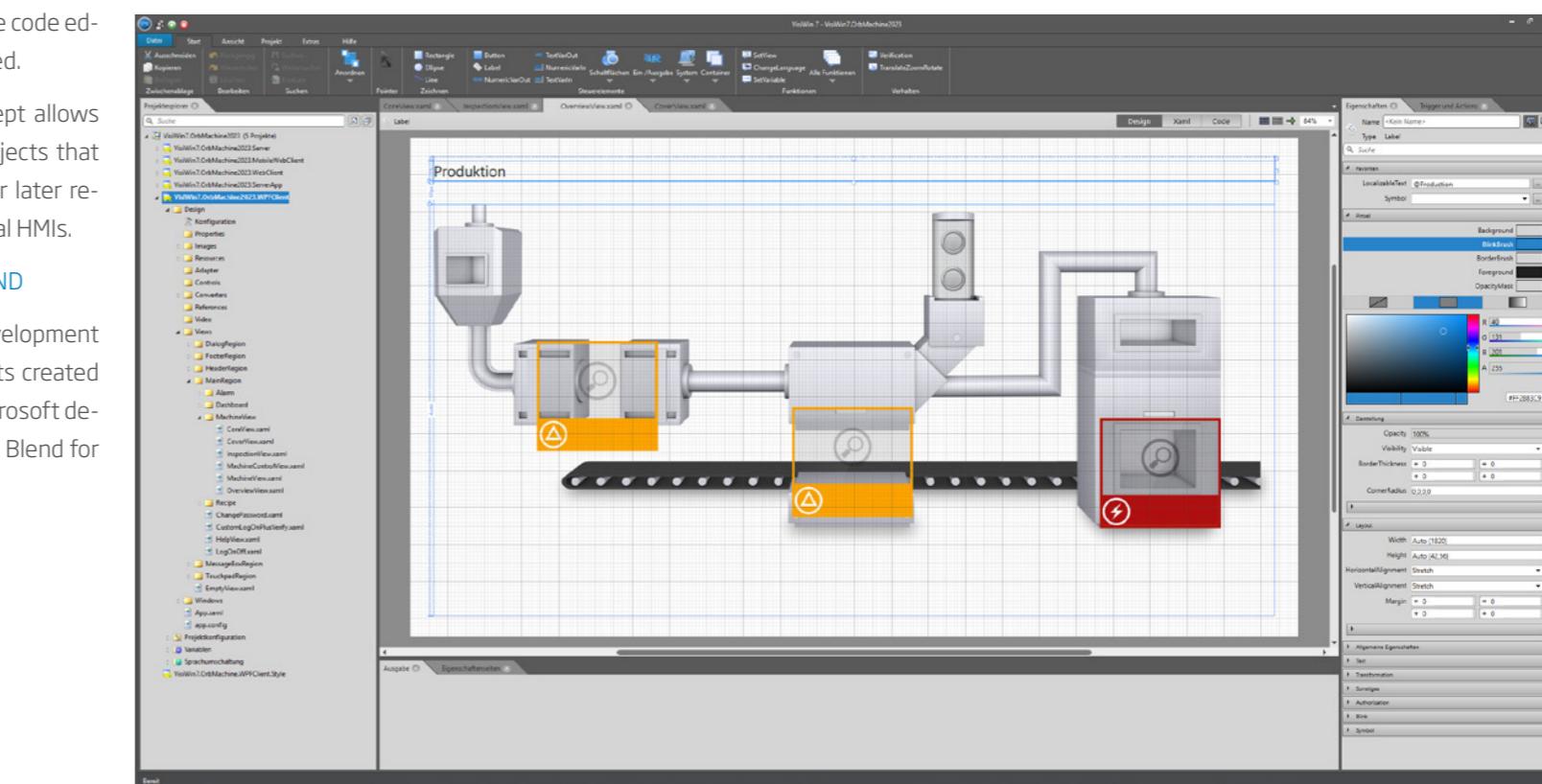
## PROFESSIONAL DEVELOPMENT ENVIRONMENT

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Engineering &  
Collaborative Engineering Concept  
[inosoft.com/en/engineering](http://inosoft.com/en/engineering)

Architecture  
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Modularization  
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# WE HELP YOU FIND SOLUTIONS



## ASSISTANCE

MADE-TO-MEASURE TRAINING COURSES AND PROJECT SUPPORT – WE ASSIST YOU IN FINDING SOLUTIONS.

Whether you are a beginner or an expert, our training courses are always tailored to your specific needs and wishes. We will gladly adapt the training course to your concrete project and develop basics as well as specific requirements for that. Time and location will be arranged according to your wishes – we prepare each training course individually for the customer.

We also assist you in any area and at any phase of your project that uses our systems. From driver development, project collaboration, and support to turn-key applications, we can provide the full spectrum of services.

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Support

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Training Courses

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Programming

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## DECades of Experience

MORE THAN 200,000 APPLICATIONS HAVE ALREADY BEEN IMPLEMENTED BY KEY PLAYERS IN THE INDUSTRY SUCH AS KRONES, LENZE, KEBA, AND BÜHLER.

As a software developing company with a focus on process visualization for the engineering industry, we have been successfully operating on the market for 40 years.

We offer a complete package that includes the powerful HMI software VisiWin, decades of experience as well as individual support and turn-key applications.

VisiWin relies on open solutions based on standards thus providing you with unlimited HMI possibilities.

**A STRONG AND RELIABLE PARTNER, INOSOFT OFFERS THE FULL SPECTRUM OF SOLUTIONS, RANGING FROM MACHINE-ORIENTED HMIS TO COMPLEX SCADA APPLICATIONS.**

A few of our clients are presented on the rear page of this brochure.

>>>> MORE INFORMATION >>>>

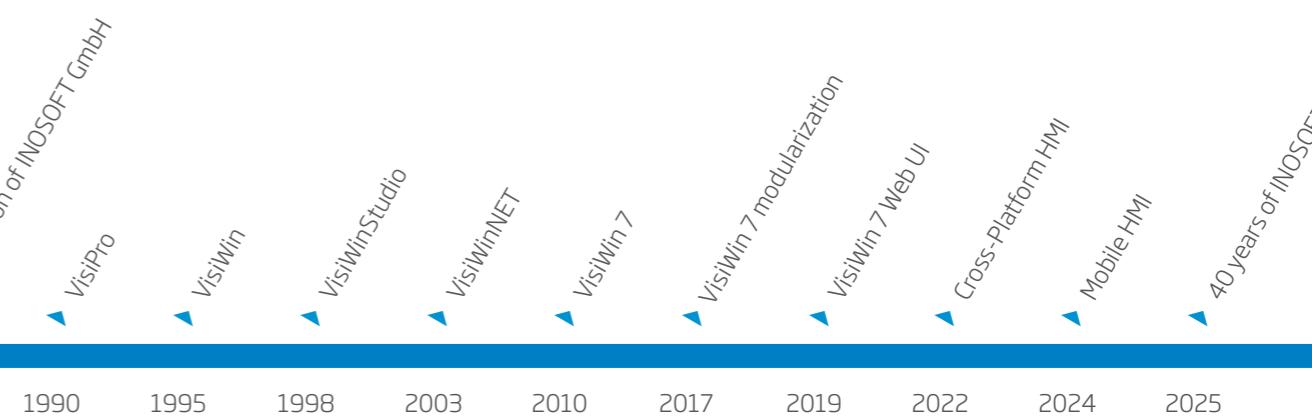
About INOSOFT

[inosoft.com/en/about](http://inosoft.com/en/about)

Compliance

[inosoft.com/en/compliance](http://inosoft.com/en/compliance)

# 40 YEARS OF INOSOFT



There is a reason why innovation is in our name: Always up to date with the latest developments on the machine construction market, we are constantly developing our software further – often in close collaboration with our customers.

Innovation and future-proofness have been our hallmarks for

40 years. Our ability to deliver on them has never changed.



## COOPERATIONS AND PARTNERSHIPS

LENZE SE  
KEBA GROUP AG  
CORDIS SUITE B. V.  
HST SYSTEMTECHNIK GMBH & CO. KG  
FLECS TECHNOLOGIES GMBH  
LOGONPLUS/OBION GMBH  
TRANSACTION-NETWORK GMBH

Our renowned technology partners trust in VisiWin and equip their products with it.

ERGOSIGN GMBH  
UXMA GMBH & CO. KG  
INFOTEAM SOFTWARE AG  
NEUSTA INFOMANTIS GMBH  
PROFESSIONAL DESIGNERS AND SOFTWARE DEVELOPER ARE AMAZED BY VISIWIN'S CAPABILITIES.

Many UX designers and system integrators recommend VisiWin and support their and our customers in their projects.

Partner  
[inosoft.com/en/partner](http://inosoft.com/en/partner)



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## A FEW OF OUR CLIENTS



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