



VisualView Overview

BLF-Tech LLC now offers VisualView HMI/Scada software for developing HMI and SCADA projects. VisualView is a full featured robust Human Machine Interface (HMI) program designed with engineering, operations and management needs and wants at the forefront of development and product features.

VisualView provides for native connections to many devices using manufacture and open protocols. The native OPC server and client allow for connections to devices using many other protocols.

The configuration program is designed to provide for creation of projects without the need to use a scripting or programming language. All 25+ graphic animation actions are configured without scripting. If you need to extend the operator interface, the included scripting engine offers powerful tools for the manipulation of data.

The extensive help system is integrated with the many dialogs and windows. All the many features of VisualView are included in the cost of the program. The number of connections, tags, graphic screens, etc. is only limited by the memory and space of the computer executing the program. Many other HMI programs increase the price with the addition of each driver or increase in tag or graphic count. VisualView offers all of these features for one low price.

VisualView Features

Unlimited tag count

- Unlimited PLC connections
- Extensive built in help files
- Graphics editor

Runtime screen printing

- Scripting engine (not required for graphic animation or user interaction)
- Trending and data logging
- Custom reporting (ASCII, DOC, XLS, CSV, TAB, HTML, Printer)
- Alarming and alarm logging

Runtime alarm enable/disable

- Email/SMS notification (optional acknowledgement)
- Event logging

Recipes

- IP Camera and Video in user windows with motion detection
- HMI to HMI video sharing
- English and Spanish language support (Configuration and runtime programs. Help files excluded.)
- Hard drive free space monitoring and alarming
- ODBC (Open Database Connectivity)

All dynamic tag values output to unlimited number of concurrent databases

VisualView Features

Can be the source for analog or digital process variables from unlimited number of concurrent databases

Data logging, appends records to a table, timed or at user command

Scheduler - start/end trigger based on time/day/date/holiday/etc. Task

scheduler - one time or recurring events

VisualView Drivers

Allen Bradley DF1 (Redundant - Hot Standby) ◦PLC5, SLC500, SLC 5/01 - 5/05, MicroLogix Allen Bradley Ethernet (Redundant - Hot Standby) ◦ControlLogix, CompactLogix, FlexLogix Allen Bradley Ethernet PCCC (Redundant - Hot Standby) ◦SLC, MicroLogix, SLC 5/05, PLC5 Bacnet/IP (Redundant - Hot Standby) ◦Analog Input, Analog Output, Analog Value, Binary Input, Binary Output,

Delta computer systems - motion controllers - Delta motion control protocol (DMCP) ◦TCP/IP and UDP/IP

Enron MODBUS◦RTU (RS-232) and TCP/IP

Fatek (Facon) ◦RS-232/485, TCP/IP and UDP/IP

General purpose serial port Uses callbacks or polling scripts to control port

General purpose TCP/IP port Uses callbacks or polling scripts to control port

GE SNP-X (Redundant - Hot Standby)

GE SRTP (Redundant - Hot Standby)

IDEC (OpenNet) (Redundant - Hot Standby) ◦All register types

Keyence PLC (Redundant - Hot Standby) ◦All register types

K-Sequence (Redundant - Hot Standby) ◦Automation Direct (DirectLogic, Koyo)

Master-K LS/LG Industrial Systems (Redundant - Hot Standby)

Mewtocol-COM (Panasonic/Matsushita/Aromat/NAIS) (Redundant - Hot Standby)

Mitsubishi FX 0,1,2,3 (Redundant - Hot Standby)

Mitsubishi Serial (Redundant - Hot Standby)

Mitsubishi TCP/IP (Redundant - Hot Standby)

MODBUS/J-Bus Serial (RS-232/485) ASCII ◦Master

MODBUS/J-Bus Serial (RS-232) RTU (Redundant - Hot Standby)

◦Master and Slave MODBUS/J-Bus Serial (RS-485) RTU ◦Master

MODBUS/J-Bus TCP/IP (Redundant - Hot Standby) ◦Master and Slave

ODBC (Open Database Connectivity) ◦All dynamic tag values output to unlimited number of concurrent databases

Omron FINS (RS-232) (Redundant - Hot Standby)

Omron FINS (TCP and UDP) (Redundant - Hot Standby)

Omron Hostlink/SYSMAC-WAY (Redundant - Hot

Standby) Omni flow computers (Enron MODBUS) RS-232

and TCP Saia-Burgess ◦Serial-S-Bus (RS232/485)

Siemens S7-200 (PPI) (Redundant - Hot Standby)

Siemens S7-200 (TCP/IP CP 243-1) ◦Inputs, Outputs, Analog Inputs, Analog Outputs, Variable memory, Timers, Counters, Special memory

Siemens S7-300/400 (MPI) (Redundant - Hot Standby) ◦Inputs, Outputs, Internal memory, Timers, Counters

VisualView Drivers

Siemens S7-300/400/1200 (TCP) (Redundant - Hot Standby) ◦Inputs, Outputs, Internal memory, Timers, Counters, Data blocks

SNMP (Simple Network Management Protocol) Version 1

Toshiba ASCII computer link protocol (RS-232/485)

Toshiba ASCII computer link protocol (UDP/IP)

VisualView System Requirements

To install and run the full VisualView software, you must have:

A Windows-compatible computer with a standard keyboard, pointer input (e.g., mouse, trackpad, or touchscreen), and SVGA-minimum display

A Windows or Windows Server operating system that is currently supported by Microsoft, which at this time includes:

Microsoft Windows XP Service Pack 3

Microsoft Windows Vista Service Pack

2 Microsoft Windows 7 Service Pack 1

Microsoft Windows 8

Microsoft Windows 10

Microsoft Windows Server 2008 and 2012

Microsoft Internet Explorer 6.0 or later

2 GB free hard drive space or nonvolatile memory

An Ethernet or Wi-Fi network adapter, for TCP/IP networking or Serial COM ports and adapters to be used for direct communication with PLCs and other devices

A USB port, to be used with hardkey licensing

VisualView Purchase Options

Development/Runtime license with unlimited tags - \$900.00

each Runtime license with unlimited tags - \$550.00 each

Contact us at bferry@blftech.com with questions

Visit our website at www.visualviewhmi.com