



VisualView Overview

BLF-Tech LLC offers VisualView HMI/Scada software for developing HMI and SCADA projects. VisualView is a fully 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 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 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 currently includes:
 - Microsoft Windows XP Service Pack 3
 - Microsoft Windows 10
 - Microsoft Windows 11
 - Microsoft Windows Server 2012 or newer
 - 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 hard key licensing
- Internet Access for Web licensing if purchased

VisualView Purchase Options

- Development/Runtime license with unlimited tags - \$1150.00 ea.
- Runtime license with unlimited tags - \$750.00 ea.

Contact us at bferry@blftech.com with any questions

Visit our website at www.visualviewhmi.com