

Silver Series

Graphic OITs

4.3", 5.6", 7.0", 10.0" 10.4", 12.1" & 15.0"
Touchscreen Operator Interfaces



Your Needs Define Our Products

Silver Series

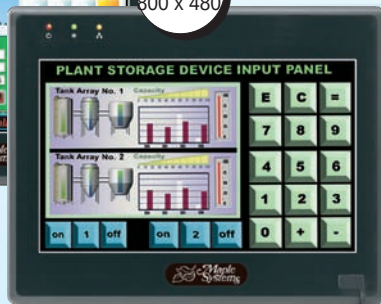
Maple Systems' Widescreen, High Resolution, High Speed and Compact Graphic OITs are simply the BEST VALUE in the HMI marketplace today. Take advantage of the lowest pricing available while getting enhanced features, trusted performance, and model choices that make sense for your unique situation and HMI needs.

Widescreen Graphic OITs

10.0"
800 x 480
HMI5100N
Non-Ethernet



10.0"
800 x 480
HMI5100T
Ethernet



7.0"
800 x 480
HMI5070NH
Non-Ethernet



7.0"
800 x 480
HMI5070TH
Ethernet



High Speed Graphic OITs

15.0"
1024 x 768
HMI5050X



12.1"
800 x 600
HMI5121X



10.4"
800x600
HMI5104XH



Compact Graphic OITs

5.6"
320x234
HMI5056N



4.3"
480 x 272
HMI5043N



- Vivid TFT 65K Color Displays
- Enhanced PLC Connectivity
- Advanced Functional Features

- Hardware Expansion
- Easy to use Software
- Affordable Low Price

COMPACT Graphic OITs



- 400MHz Central Processing Unit
- High Brightness 65K (16 bit) Color TFT
- 4.3" widescreen & 5.6" Standard Screen
- Serial Port, USB Port
- Easily Configured With EZware
- Supports Over 100 Controllers

Maple Systems' **HMI5043N Widescreen** (4.3 inch 480 x 272 pixel display) and **HMI5056N** (5.6 inch 320 x 234 pixel display) are Compact Graphic OITs that are suited to those situations where space is at a premium. Powerful enough to handle most HMI tasks, they are loaded with 90 percent of the features found in our top of the line Graphic OITs. And with the 400 MHz CPU, these units have plenty of speed for your challenging tasks.

Replace Expensive Cumbersome Hardware With A COMPACT HMI

Replace costly space-consuming mechanical hardware (switches, lamps, buttons, displays etc.) with a Maple Systems Compact Graphic OIT (like the 4.3 inch HMI5043N).

Mechanical hardware requires cumbersome wiring and data I/O, while Maple's Compact HMI utilizes a simple serial port cabled directly to the CPU. And you can create multiple screens and configure them any way you want.

Conserve space, save money, and mount them almost anywhere.



Compact Graphic OIT Models & Sizes:

HMI5056N

5.6 Inch Screen with
320 x 234 Pixel Resolution

HMI5043N

4.3 Inch Screen with
480 x 272 Pixel Resolution

WIDESCREEEN Graphic OITs



- **Wide-Format 65K (16 bit) Color TFT**
- **400 MHz CPU, 128 MB Flash, 64 MB DRAM**
- **Available in 4.3, 7, & 10 Inch Screens**
- **Ethernet Available**
- **Easily Configured With EZware 5000**
- **Best Values On The Market**

Choose Maple Systems' Widescreen Graphic OITs when you want a wide-format higher resolution touchscreen HMI that has the memory and speed required to handle dynamic graphics. Simply put, the Widescreens give you better quality visuals and more screen space to work with.

And if you want value in a tiny package, check out our 4.3 inch (480 x 272 pixel display) model. This little unit has features and capabilities you will find in units costing hundreds more. Yet, it offers 75 percent more pixels than a 6 inch (320 x 234 pixel display) HMI.

WIDESCREEEN Models & Sizes:

HMI5043N

4.3 Inch Screen with 480 x 272 Pixel Resolution

HMI5070TH (with Ethernet)

7 Inch Screen with 800 x 480 Pixel Resolution

HMI5070NH (without Ethernet)

7 Inch Screen with 800 x 480 Pixel Resolution

HMI5100N

10 Inch Screen with 800 x 480 Pixel Resolution

HMI5100T (with Ethernet)

10 Inch Screen with 800 x 480 Pixel Resolution

HIGH SPEED Graphic OITs



- **Lightning Fast 500 MHz CPU**
- **256 MB Flash, 256 MB DRAM**
- **Available in 10.4, 12.1, & 15 Inch Screens**

- **Ethernet, Serial and USB Ports**
- **Allen Bradley and Modbus Ethernet Protocols**
- **Best Value Available In Its Class**

The Silver Series HIGH SPEED are industrial strength top-of-the-line Graphic OITs that have everything you need in an HMI: lightning speed, superb performance, vast capability, instantaneous responsiveness, enhanced connectivity, large high-brightness 65 K color TFTs, the ability to display video, and fantastic value. And now with the new HMI5104XH, you get a 10.4 inch unit with the higher 800 x 600 resolution screen. That means high resolution is available in all three sizes — the 10, the 12 and the 15 inch.



HIGH SPEED Models & Sizes:

HMI5104XH

10.4 Inch Screen with 800 x 600 Pixel High Resolution

HMI5121X

12.1 Inch Screen with 800 x 600 Pixel Resolution

HMI5150X

15 Inch Screen with 1024 x 768 Pixel Resolution

Standard Vs Widescreen



Same Panel Cut-Out, Wider Screen Area

The 7.0 inch Widescreen Graphic OIT has the same panel cut-out dimensions as the standard 5.6 inch HMI. Yet it offers 35 percent more screen area to display graphics — hence more options for your application.

Extra Room

On the 7" Widescreen model below you can see the additional screen area (outlined in yellow) — perfect for additional buttons and controls etc. On the left is the same application displayed on the standard 5.6 inch screen.



5.6" Standard Screen Graphic OIT

- Standard Screen Ratio
- Resolution: 320 Pixels x 234 Pixels
- Screen Dimensions: 4.25 wide " x 3.4 high "
- Panel Cut-Out: 7.5" x 5.4"

7" Widescreen Graphic OIT

- 35 Percent Wider Screen Area
- Resolution: 800 Pixels x 480 Pixels
- Screen Dimensions: 6" wide x 3.4 high"
- Panel Cut-Out: 7.5" x 5.4"

Hardware Expansion

Many Options Available

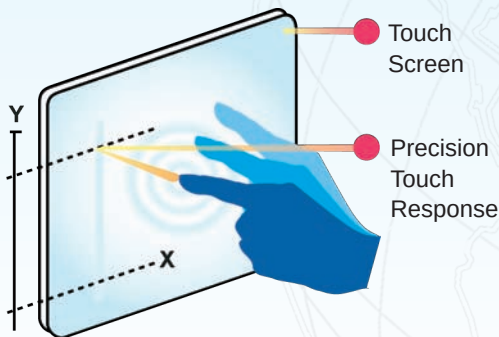
The Silver Series models expand the capabilities of an OIT by connection of additional hardware.

- Use USB Flash Drives or CompactFlash cards for data storage
- Attach a mouse and/or external keyboard
- Connect to printers, PCs, and other devices
- Connect amplified speakers for sound output
- Bar code reader for labeling applications
- Print a hard copy of the OIT screen using a color printer

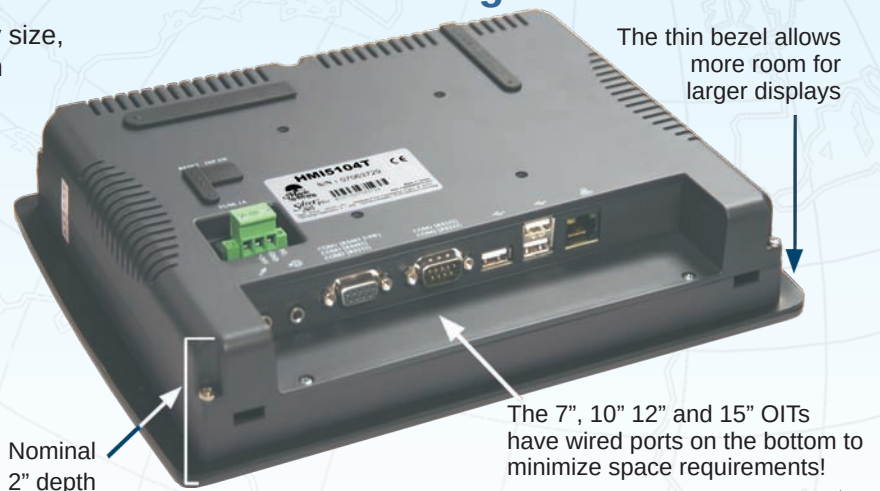


Versatile Touchscreen

- Analog resistive
- Overlap objects
- Fine resolution
- Objects any size, any location



Sleek Design



The thin bezel allows more room for larger displays

Nominal 2" depth

The 7", 10" 12" and 15" OITs have wired ports on the bottom to minimize space requirements!

Enhanced PLC Connectivity

The Silver Series has multiple communication ports -- three serial ports and one Ethernet port. Connect any PLC of your choice to each port simultaneously. Or connect a computer to the Ethernet port for remote monitoring. With this flexibility, you can now use one operator interface to control complex automation systems.

Wide Range of PLCs Supported

The Silver Series supports over 100 controllers and is compatible with most major brand PLCs on the market today. Visit our website for the latest listing of drivers available. Call us for custom drivers.



Serial Connection

Every model supports three serial ports. Each serial port communicates to a unique PLC using the assigned communication driver. Easy to configure, simply assign a PLC to each port and select the proper communications driver to use for that PLC. With this new feature, you now have an OIT that connects to multiple PLCs simultaneously. This is particularly useful in applications that may require a PLC and motion controller.

Exchange Data Between Ports

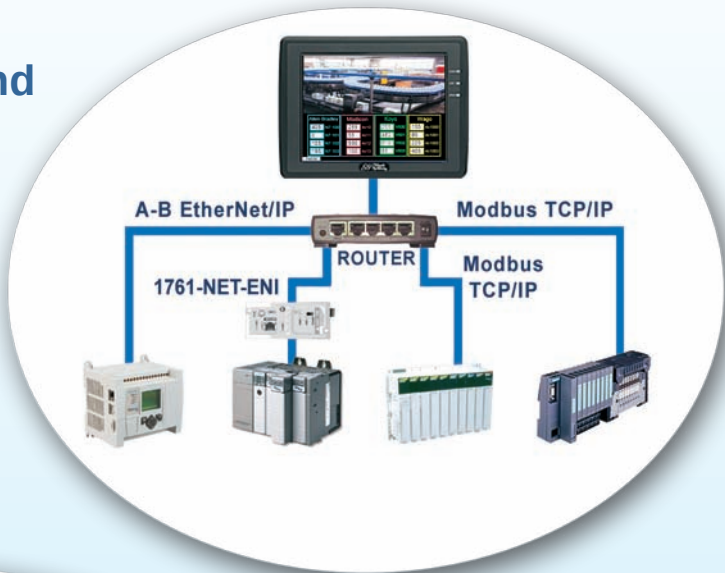
The Silver Series can exchange data between PLCs. Using the OIT, gather data from one PLC and send to another based upon a triggered event or time-based. Data can also be collected and stored in internal memory of the OIT, then downloaded to a PLC at a later time.



Enhanced PLC Connectivity — Ethernet

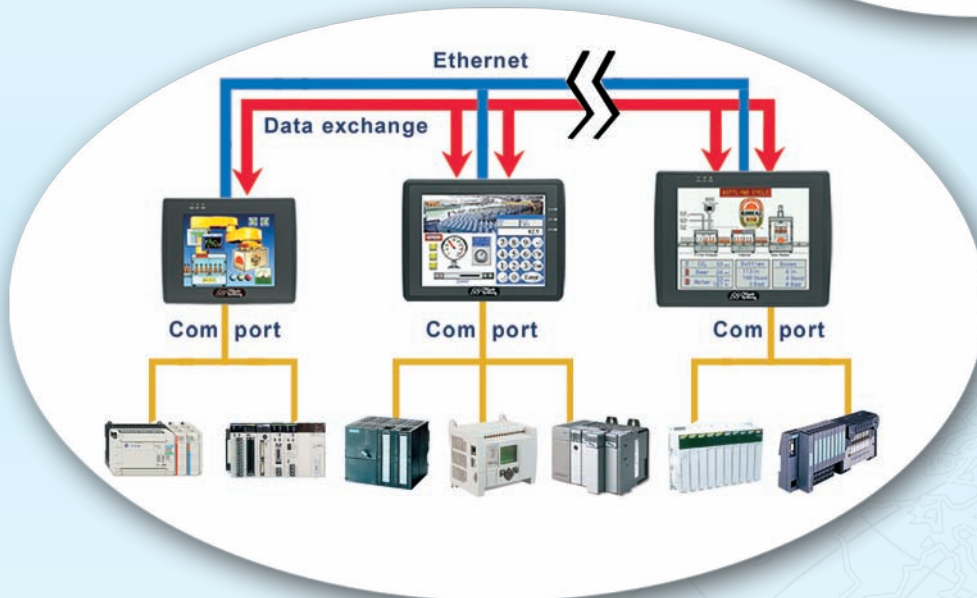
Ethernet for Networking and Fast Communications

The Silver Series OITs support the popular industrial Ethernet drivers — Modbus TCP/IP, Allen-Bradley EtherNet/IP, Siemens, Panasonic and Omron. Use the Ethernet port to connect to a single PLC for faster communications or network to multiple PLCs using an Ethernet router or switch.



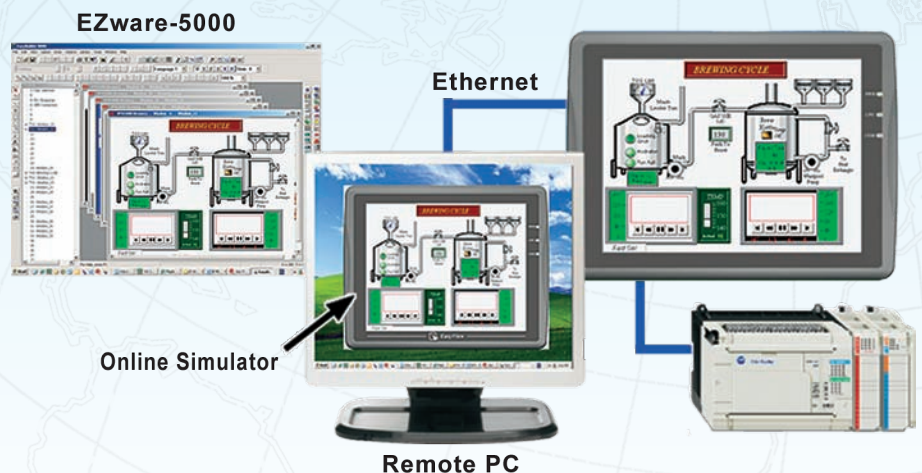
Shared Information Between OITs

Connect multiple OITs together using the Ethernet port of the OIT. Each OIT on the network can read/write to any of the PLCs connected to each OIT. This provides remote monitoring, sharing information and redundant control.



Monitor Data with a Remote Computer

Install the EZware-5000 software onto a computer. Create a project for the computer and connect to one or more Silver Series OITs using the Ethernet port. Using the Direct Online Simulator option, display a facsimile of the Silver Series OIT on computer screen to monitor data or control PLC operation.

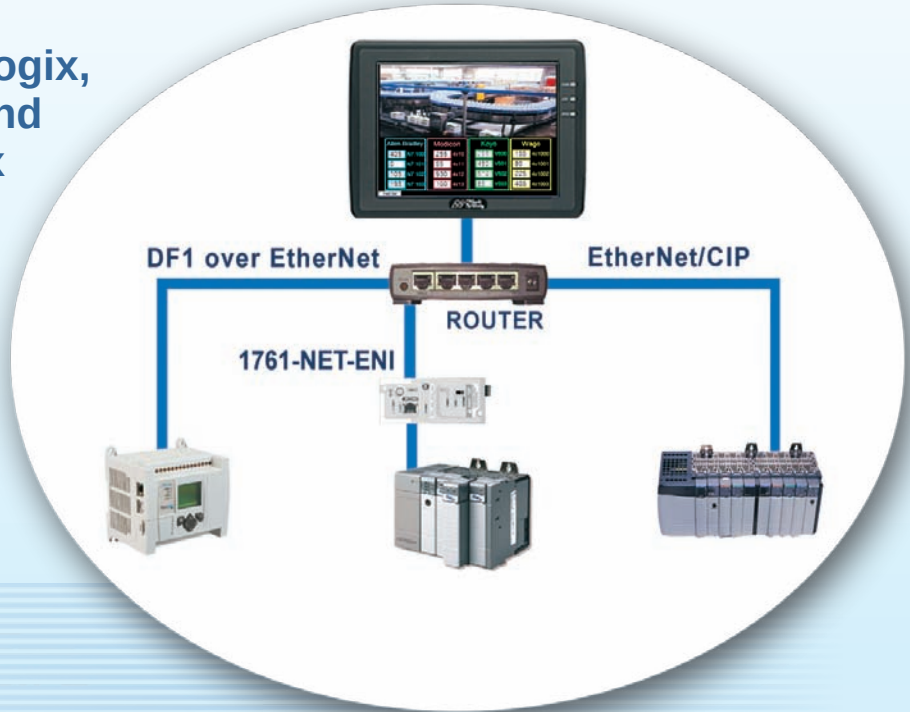


Enhanced PLC Connectivity — Allen-Bradley

The Silver Series supports Allen-Bradley's common serial protocols and EtherNet/IP for the MicroLogix Series PLC, the Compact and ControlLogix PLCs.

Ethernet for CompactLogix, ControlLogix and MicroLogix

The Silver Series supports the popular industrial EtherNet/IP drivers — DF1 over EtherNet and Allen-Bradley EtherNet/CIP. Use the Ethernet port to connect to a single PLC for faster communications or network to multiple PLCs using an Ethernet router or switch.



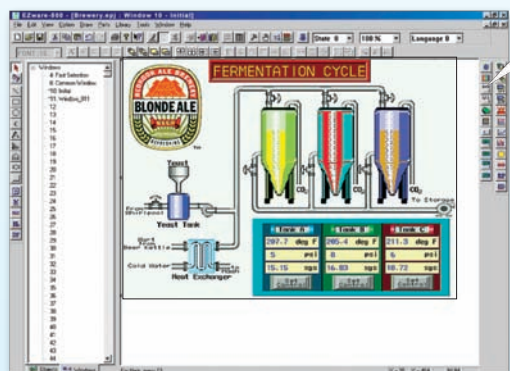
Serial Connection

In addition to Allen-Bradley EtherNet/IP, the Silver Series serial port can communicate to a unique A-B PLC using the assigned communication driver. Easy to configure, simply assign a PLC to each port and select the proper A-B communications driver for the DF1 or DH485. With this feature, you now have an OIT that connects to multiple Allen-Bradley PLCs simultaneously.

Advanced Functional Features

The Silver Series hosts a wide array of custom features that provide you with the flexibility to design an intuitive and easy to use interface that is efficient, functional, and visually engaging.

Design Up To 1999 Screens Exactly the Way You Want Them



Design windows-style screens to organize your operator interface.



Customize your OIT with functional graphics that reflect the look and feel of your operation. Create your own imagery, import bitmap images, save graphics in your image library. Zoom in and out of detailed screens. You can even display animations & video.



Versatile Fonts

Use Windows TrueType fonts for text and object labels. Choose font, color, size, and style — Italic, underline, bold, blinking and scrolling text, even international characters.

Popup Windows

Create popup windows of any size or number. Use the optional menu bar for fast keys & fast selection of menus. Move or close on demand, or minimize to an icon.



Easy Data Entry

Easily enter data using numeric or ASCII character formats. Create your own popup keypads or choose from image libraries. Use keys to jog data with each keypress.

Utilize floating point, linear scaling (engineering units), password protection, dynamic high/low entry limits, and an index feature where you can write to multiple registers from one object. Display internal memory data or bits, and register data from the PLC or controller.

Advanced Functional Features

All Silver Series Graphic OITs can display animated motion, and now with the High Speed models you can display vibrant video with sound in any size window you choose to create for your application.

Multi Media Player For Video



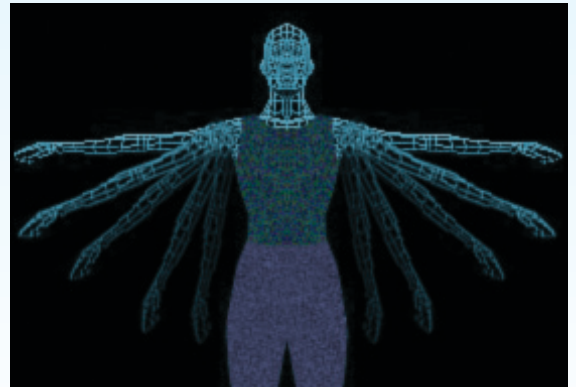
The Silver Series EZware 5000 Media Player is a powerful audio-visual addition to the High Speed Graphic OITs. Now, you can incorporate video tutorials for operational procedures, show important messages, exhibit crucial warnings, or even display advertising and promotionals.

- Customize Graphics and Colors to match your application design.
- Supports: Forward, Reverse, Play, Pause, Zoom, Next, Previous, Volume.
- Supported File Formats: mov, mpg, mp3, wmv, flv, avi, and wav.

Animation

Enhance screens using animation and moving shapes and simulate a sequence of events.

- Animated GIFs supported
- 1-256 states
- Predefined locations or PLC controlled movement
- Automatic Time-based option

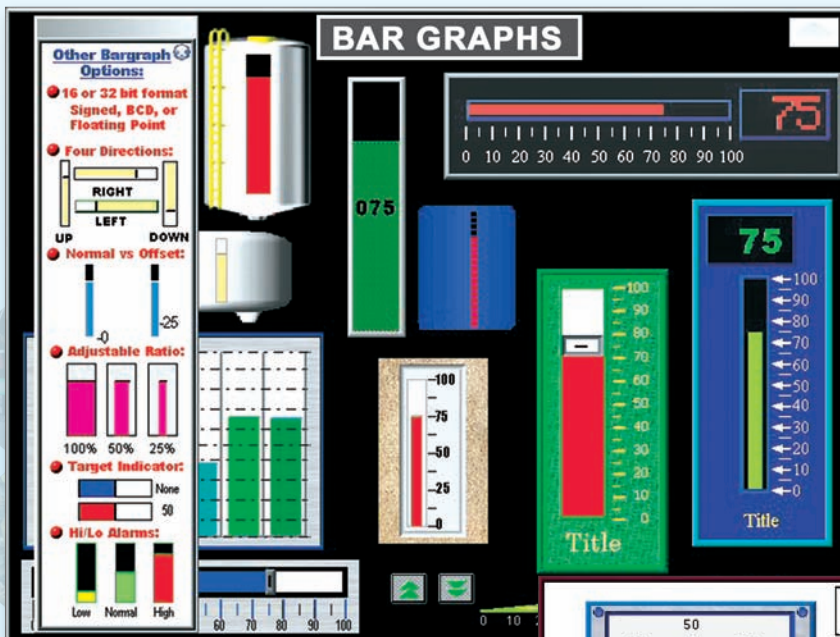


Advanced Functional Features

Bar Graphs

EZware-5000 software provides many options when creating bar graphs, and support for multiple formats including floating point.

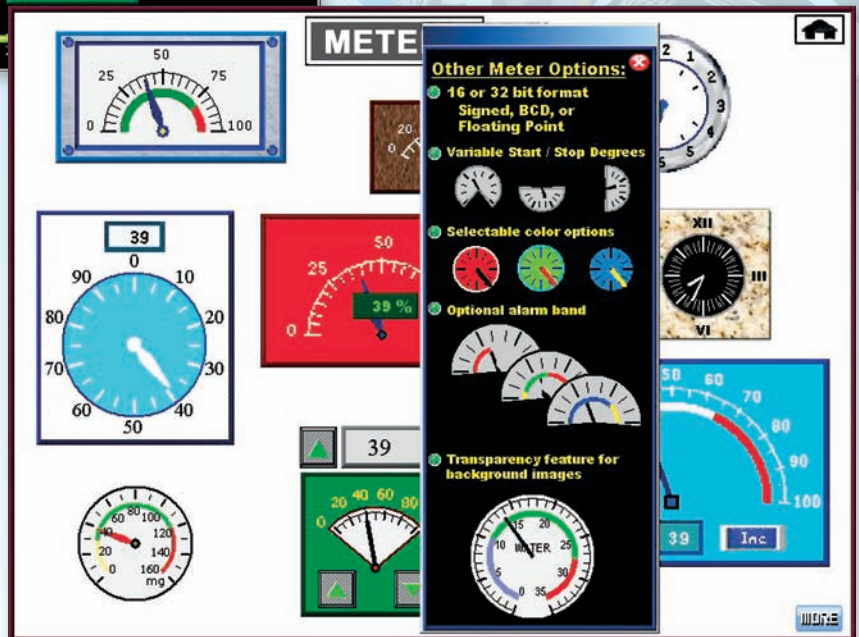
- Customizable colors
- Floating point support
- Use with tanks to represent levels
- Dynamic alarms
- Target indicator
- High/Low color indicators for out-of-range conditions



Meters

Analog meters have many options that allow you to represent variables such as temperature or pressure.

- 0-360 degree start/stop ranges
- Customizable colors for background, frame, needle, and tick marks
- Optional tick marks
- Selectable needle style (six arm styles)
- Floating point support
- Range limits to indicate High/Low/Normal

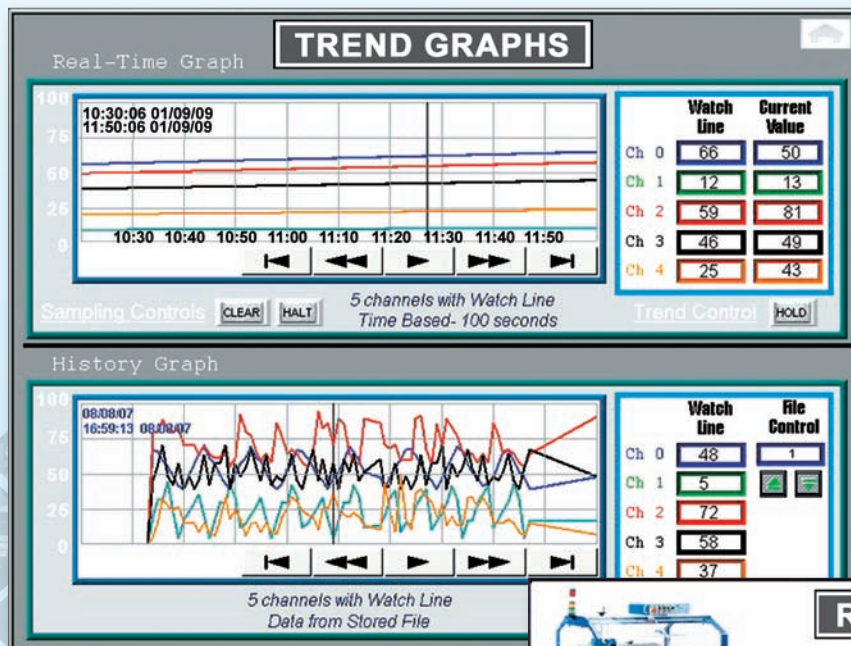


Advanced Functional Features

Trend Graphs

Represent complex related data in a simple format using a trend graph.

- Up to 20 channels
- Display real-time or historic data
- Pixel or time-based layout
- Hold feature
- Watch line feature
- Time and/or Date options
- File data in CSV format for later retrieval
- Pause, playback, rewind, and fast forward
- Hide scroll buttons
- Storage for up to 7 days
- XY plots available
- Time reference on X axis



Recipes

The internal non-volatile memory specifically allocated for creating recipes. Use the Trigger-based Data Transfer recipe feature to download recipe preset values into a PLC for batch operations. Download BCD, integer, floating point, or string data as preset values in any combinations.

The screenshot displays the 'RECIPES' interface. At the top, 'RECIPE 2' is selected. Below it, a color selection box shows 'Red'. The interface lists five 'Secret Ingredient' values: 7, 12, 58, 68, and 6.70. Each value is associated with a specific word (e.g., Word 10, Word 11, etc.). The 'Current Recipe Name' is 'Yellow'. At the bottom, there are five 'Item' values: 49, 62, 36, 63, and 3.05. The interface includes buttons for 'FIND RECIPE', 'SAVE DATA', 'Previous', 'Next', and 'DOWNLOAD RECIPE'.

Secret Ingredient	Value	Word
Secret Ingredient 1	7	Word 10 (16-bit Signed)
Secret Ingredient 2	12	Word 11 (16-bit Unsigned)
Secret Ingredient 3	58	Words 12,15 (32-bit Signed)
Secret Ingredient 4	68	Words 14,15 (32-bit Unsigned)
Secret Ingredient 5	6.70	Words 16,17 (32-bit Float)

Current Recipe Name: Yellow

Item 1	Item 2	Item 3	Item 4	Item 5
49	62	36	63	3.05

Advanced Functional Features

Macros

Macros are small programs that can run inside the OIT, triggered by a bit being set. They are useful for doing tasks that are not supported in a standard object or feature of the OIT. The language combines elements of C and Basic, and is not case-sensitive. Comments are indicated by the double-slash (//).

Applications

Macros can be used for many specialty applications. A few possibilities are listed.

- Unusual or non-linear scaling of data
- Displaying the result of arithmetic operations on two or more PLC register values
- Lookup tables
- Writing data to the PLC in a specific sequence

Operators:
Arithmetic
Comparison
Logic
Bitwise & shift

Math Functions:
ACOS
ADDSUM
ASIN
ATAN
COS
COT
CRC
CSC
SEC
SIN
TAN
SORT
XORSUM

Six Variable Types:
Boolean
8-bit char
32-bit float
32-bit integer
16-bit integer

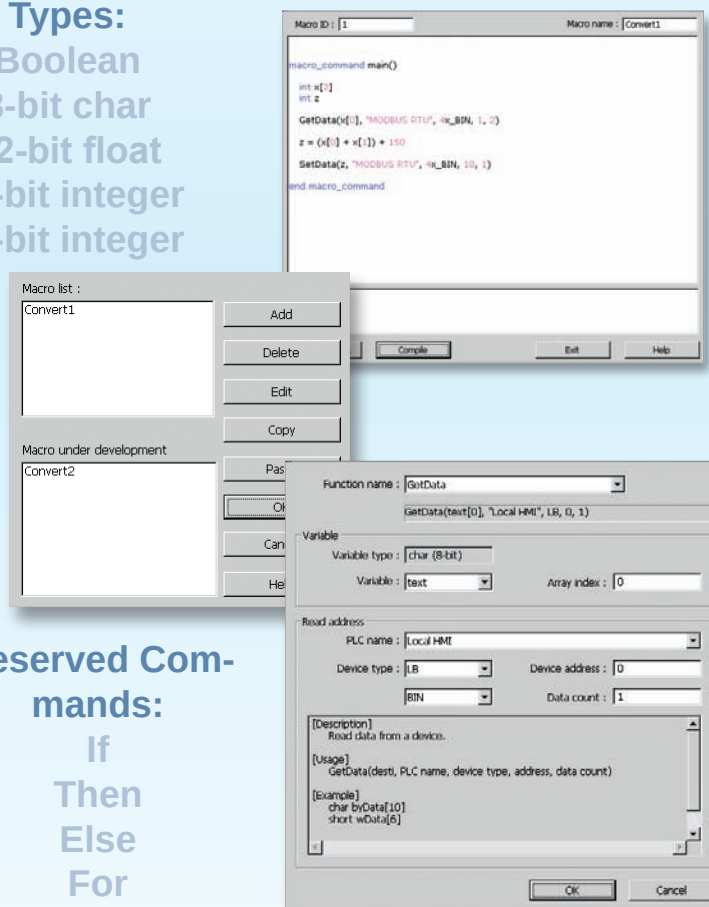
Reserved Commands:
If
Then
Else
For
Down
Next
While
Wend
Break
Continue
Return

Communications Functions:
INPORT
GetData
SetData
OUTPORT

Data Conversion Functions:
ASCII2DEC
ASCII2FLOAT
ASCII2HEX
BCD2BIN
BIN2BCD

Data Manipulation Functions:
FILL
GETBIT
HIBYTE
HIWORD
INVBIT
LOBYTE
LOWORD
SETBITOFF
SETBITON
SWAPB
SWAPW

Other Functions:
DELAY
RAND

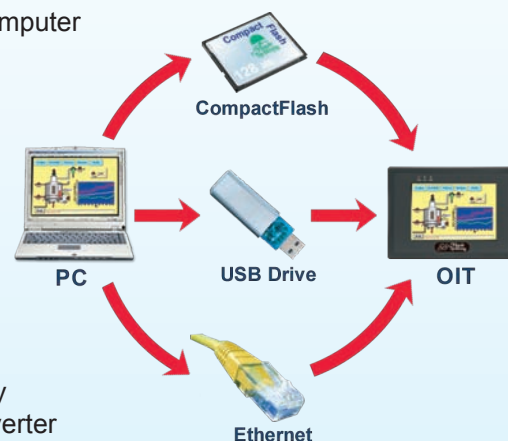


Advanced Functional Features

The Silver Series has many new features to assist in data sampling and data logging. Data is collected from the PLC and stored as multiple files for later retrieval in the internal memory of the OIT or to a CompactFlash or USB Flash Drive. Display data on the OIT in the form of a Trend Graph or Alarm History. Create recipes to download or upload predefined values in batch applications. Use the configuration software built-in conversion utility to convert data to a CSV file, then import into a computer with application software that supports CSV format.

Data Sampling

Collect data into internal OIT memory, CompactFlash or USB Flash Drive. The data is configurable as to number of items and how each item is interpreted as 16 or 32 bit, signed, unsigned, BCD or floating point format. Select the maximum number of records and how each record is sampled via time-based or trigger-based. Options to be able to clear data and to hold or temporarily halt the collection of data. Option to automatically stop collection of data when maximum number of records is reached or to erase the oldest record and start over. Display collected data as Trend Data or convert into a CSV file using the Converter application.



Data Transfer

Data collected from one PLC can be sent to another PLC using the Data Transfer feature of the OIT. Time-based data transfers allow you to capture data automatically based upon a predefined time interval or use the trigger-based feature to capture data on demand.



Alarm Management

The Silver Series offers several options for displaying and organizing your alarm messages.

- Organizing alarms using category feature
- Prioritize alarms with four levels
- File alarm data to USB Flash Drive or CompactFlash for later retrieval
- Display as a scrolling marquee or list
- Option for capturing time and date
- Record alarm history with
 - Time/Date of alarm
 - Operator Acknowledgement
 - Back to normal state
- Import or Export alarm data to CSV or Excel



Lamps, Pushbuttons, multi-State

Select from an extensive collection of images available in the graphics libraries or import bitmaps, JPGs, or animated GIFs to create your own custom designs.

- 1-256 states
- Any size
- Overlap or activate macros
- Security features
- Interlock function
- Slider switches
- Interlock function allows objects enabled or disabled by bit

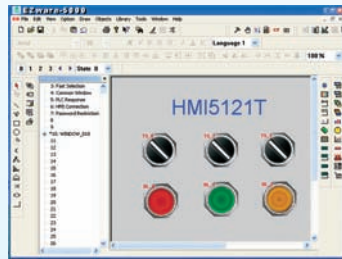


Easy To Use Software

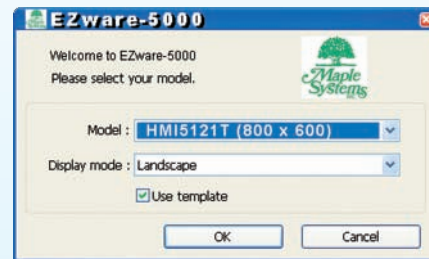
Software That Is Easy To Use

- Four steps: create, save, compile, download

1 Start EZware-5000

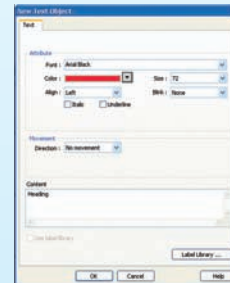
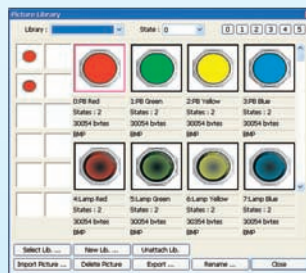


2 Select PLC Type and comm. Parameters

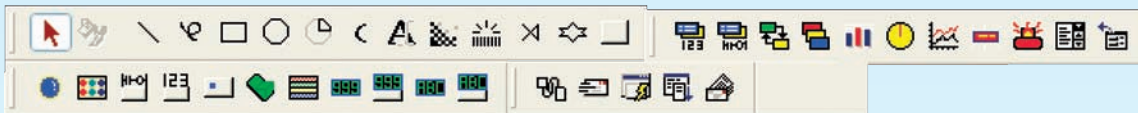


3 Create screens using Pick-and-Place Objects

Use predefined objects to build screens. Objects can be any size and placed anywhere on screen.

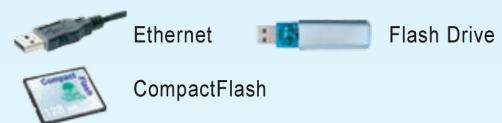


Create text using Windows TrueType fonts that support Italic/Bold/Underline and other special effects.

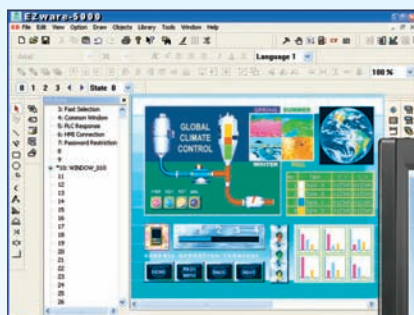


EZware-5000 provides Drawing Tools and Parts Tools icons to create objects easily.

6 Download to OIT via:



4 Save and Compile



EZware-5000

5 Test Offline

Offline Simulator



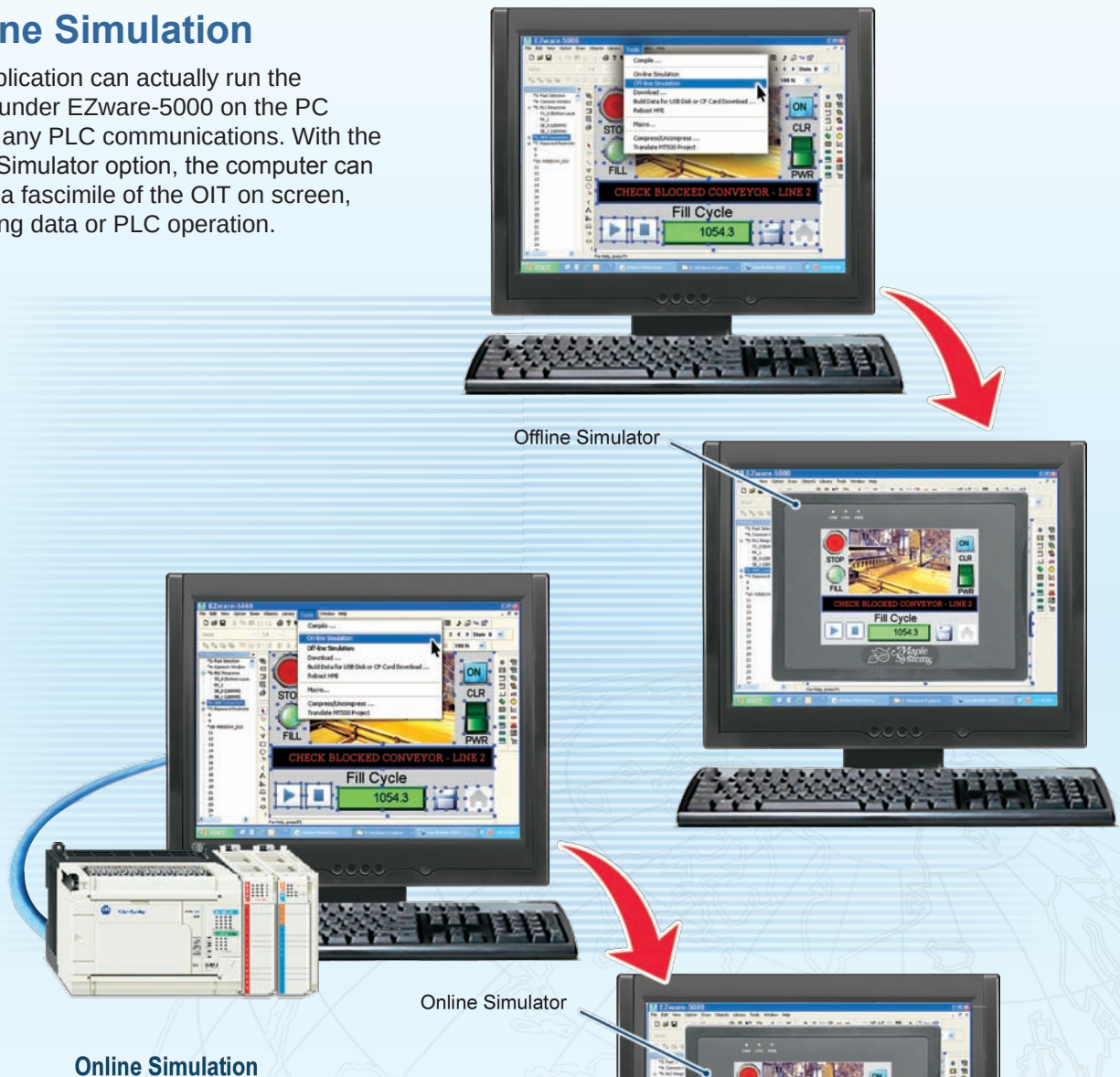
Easy To Use Software

Built-in Simulator

One of the unique features of Maple Systems' Silver Series products is the ability to test a project without having to actually download the project to the OIT. You can use either offline or online simulation.

Offline Simulation

The application can actually run the project under EZware-5000 on the PC without any PLC communications. With the Offline Simulator option, the computer can display a facsimile of the OIT on screen, emulating data or PLC operation.



Online Simulation

The EZware-5000 also has the ability to test a project without having to actually download the project to the OIT. With the Online Simulator option, the computer can display a facsimile of the OIT on screen and thereby monitor data or even control PLC operation.

Easy To Use Software

Pass Through Programming

EZware-5000 has a 'pass through programming' capability – your programming computer can be connected to the HMI5000 Series, and you can do normal OIT programming. You can connect the OIT to the PLC, and do project simulation. You can revise both the OIT application, and the PLC program then download that program through the OIT to the PLC. Each of these features make program creation easier for you.

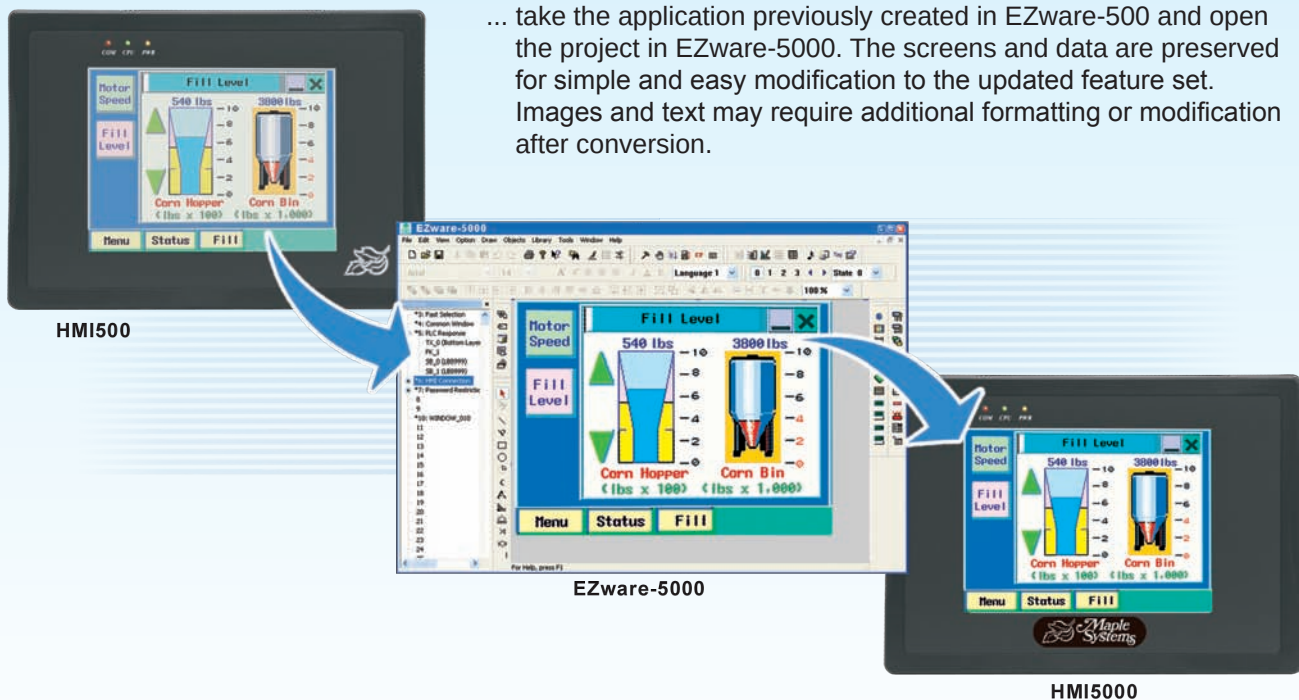


- Program the PLC through the OIT
- Allows the user to program the PLC while the PLC is connected to the OIT

Conversion Utility

If you have applications created for the HMI 500 Series products and require one or more of the advanced features of the HMI 5000 Series series, you can make the change using a utility.

Converting your applications from the HMI 500 Series into HMI 5000 Series is easy...



Easy To Use Software

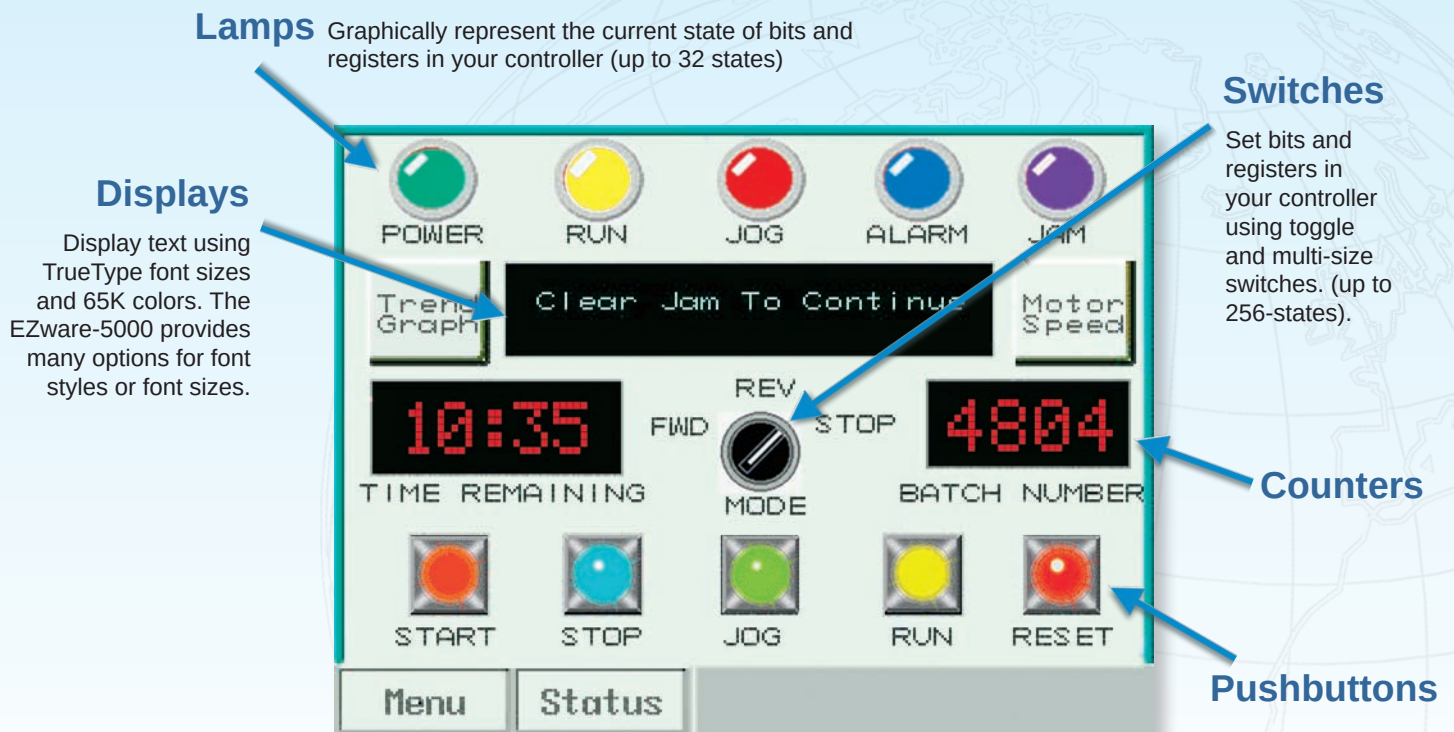
Project Resizing

Automatically resize projects to convert to a different display size. This feature reduces a larger display size application for use in a smaller display. A project originally created for a small display can just as easily be resized for a larger display. In both situations bitmaps may be stretched or compressed requiring further modification. Data on a screen that is reduced in size may make buttons and keypads small so additional adjustments may be necessary..



Create Exactly What You

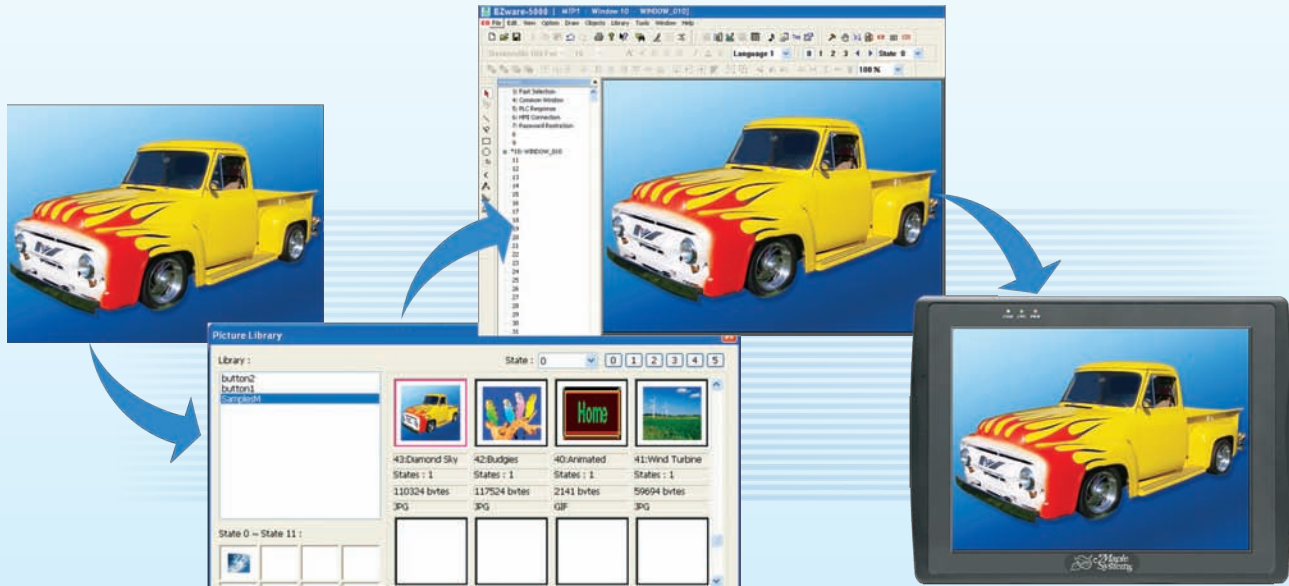
There is no limit to the freedom you have when creating screens for your OIT. Multiple text sizes allow text to be displayed in varying colors and sizes. Assign up to 256 different states to any object. Lamps can be configured to blink, shown with a text label, or any color of your choosing. Use predefined lamps, function keys, keypads, or create your own custom objects.



Easy To Use Software

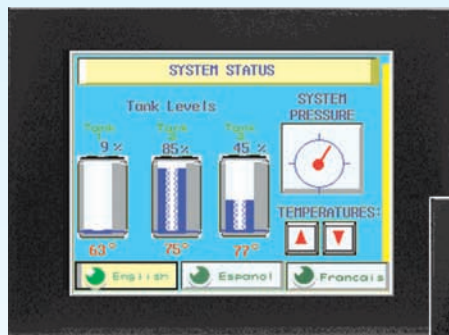
Import Custom Pictures

Easily import and store your custom pictures (using BMP, JPG or GIF formats) into the configuration software. High resolution (16 bit) images are supported as well as animated GIFs. Once stored into a picture library, these images are readily available for any new project that you create.



Multi-language Feature

Configure up to eight different text labels for each object on the OIT screens. This allows the programmer to create one project that can display text up to eight languages with the press of a button.



English



French



Spanish

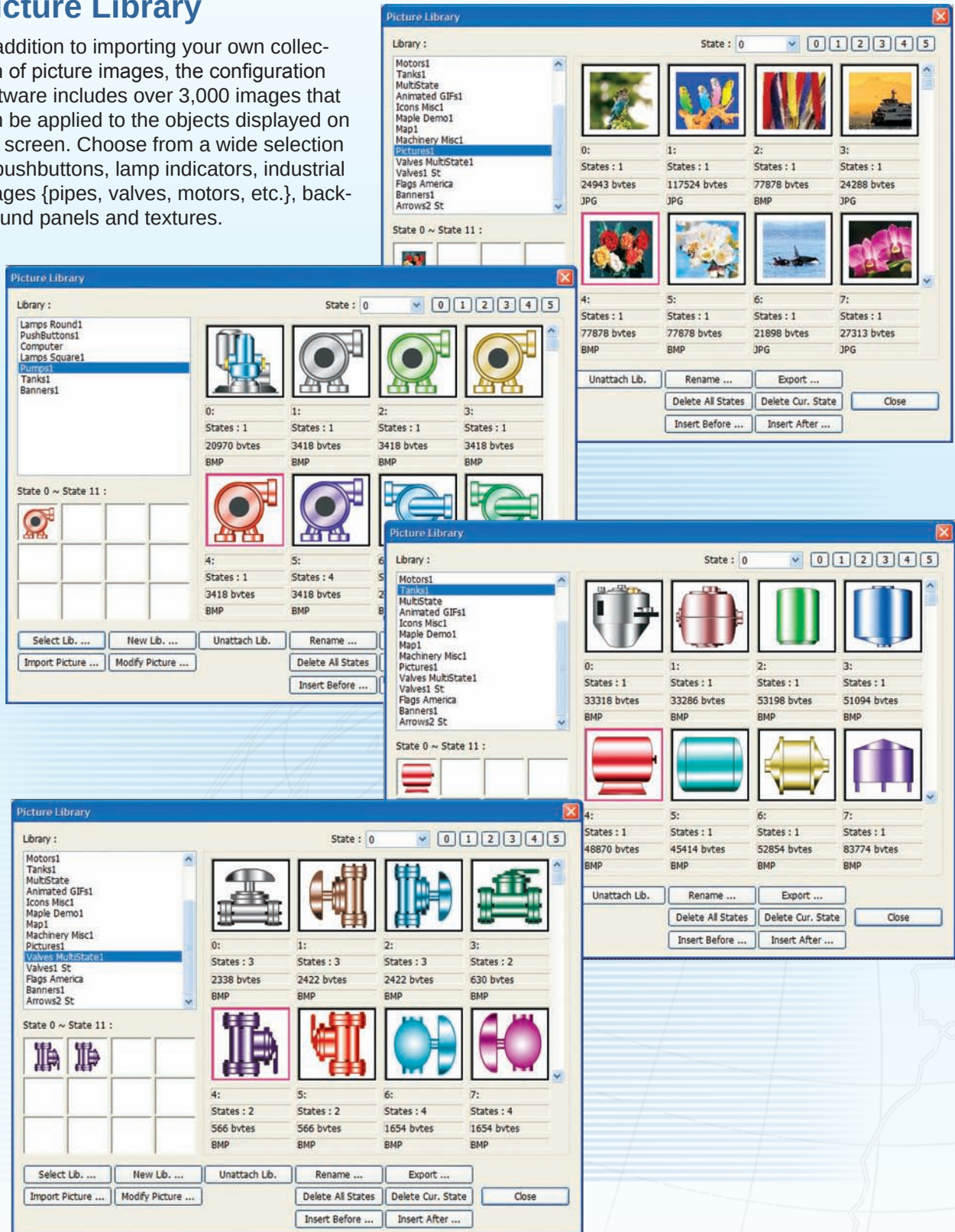
Easy To Use Software

Extensive Graphic Libraries

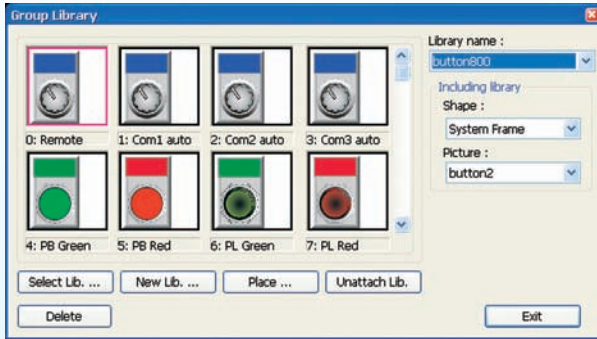
You can create graphics-rich screens using pictures from libraries or imported bitmaps, JPGs, or animated GIFs.

Picture Library

In addition to importing your own collection of picture images, the configuration software includes over 3,000 images that can be applied to the objects displayed on the screen. Choose from a wide selection of pushbuttons, lamp indicators, industrial images {pipes, valves, motors, etc.}, background panels and textures.



Easy To Use Software

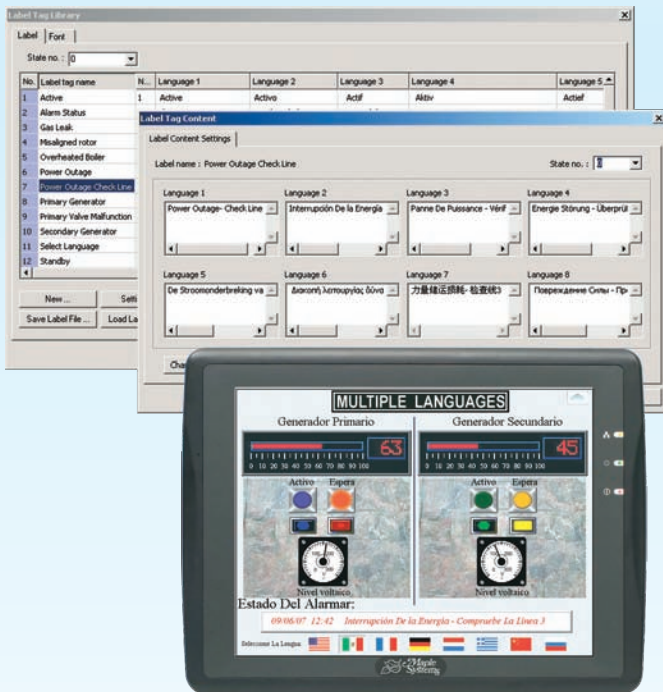
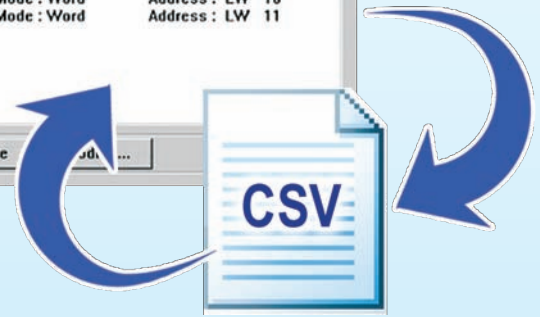
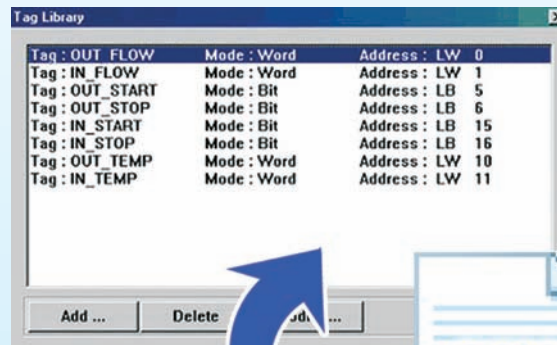


Group Library

The group library feature allows creation of complex images such as radio buttons. Group several objects together, (such as a bar graph with a numeric display object) and store them as a group image that can be used again in new projects.

Tag Library

Tag libraries are used to create a list of names (tags) assigned to the PLC addresses that you read and write values to, making it easier to identify the function of each object created. Since tags can be exported and imported as CSV files, this provides a link to tags used in the OIT with the tags used in the program of the PLC.

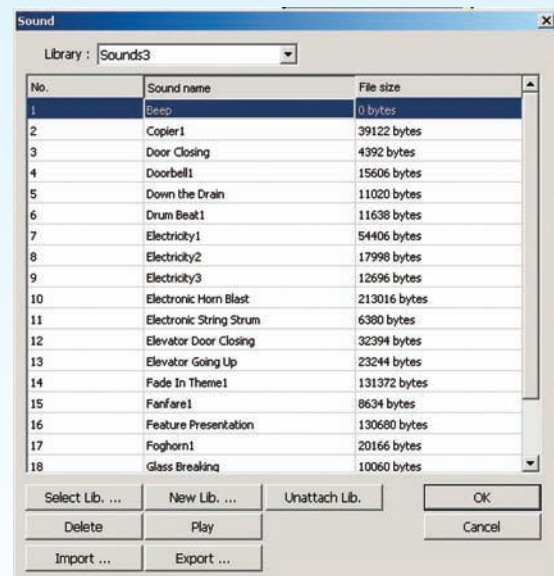


Label Library

The Label Library feature enables a multi-language environment. Assign a label from the Label Library to where text is needed. The operator can press a button to select which language appears. The Silver Series supports up to eight different languages simultaneously.

Sound Library

The sound library manages standard Windows' WAV files. WAV files are imported into the sound library. To play a sound file, assign it to an object or link it to a trigger address with the PLC Control Object.



Application

No matter what your project, the Silver Series Graphic OITs are up to the task. With their unique combination of affordability, ruggedness and a variety of display sizes, these OITs fit into any application in nearly any industrial environment:

- Retail
- Transportation
- Printing
- Water Treatment
- Kiosks
- Pharmaceutical
- Security
- Petrochemical
- Plastics
- Packaging
- Bottling
- Power Generation

Retail Applications

Q: What makes the HMI5000 family of Graphic OITs ideal for retail applications?

A: The ability to connect a bar code scanner allows for reading of UPC codes, as well as many other codes.



Packaging

Q: Why use the Silver Series HMI5000 family for packaging?

A: They easily communicate to most PLCs and motion controllers.



Brewery

Q: What advantage does the Silver Series OIT offer in a brewery application?

A: With a NEMA 4 rating and designed for harsh environments, these OITs are built to last.

Specifications



		Compact Graphic OITs		Widescreen	
Part Number		HMI5043N	HMI5056N	HMI5070NH	HMI5070TH
Display Size		4.3" TFT	5.6" TFT	7.0" TFT	7.0" TFT
Display Resolution		480 x 272	320 x 234	800 x 480	800 x 480
Max Colors		65K	65K	65K	65K
Brightness (cd/m ²)		450	300	450	450
Contrast Ratio		500:1	300:1	500:1	500:1
Backlight		LED	LED	LED	LED
Touchscreen (4-wire analog resistive)		Yes	Yes	Yes	Yes
Microprocessor (32-bit RISC)		400MHz	400MHz	400 MHz	400 MHz
Memory	Flash	128MB	128MB	128MB	128MB
	DRAM	64MB	64MB	64MB	64MB
USB Ports	Host	No	No	Yes	Yes
	Client	Yes	Yes	Yes	Yes
Ethernet		No	No	No	Yes
Serial Ports		1	1	3	3
Compact Flash Slot		No	Yes	No	No
SD Card Slot		No	No	Yes	Yes
Audio Jack		No	No	No	No
Certifications	cULus	No	Yes	Pending	Pending
	CE	Yes	Yes	Yes	Yes
Power Requirements		12-28VDC, 300mA	24VDC, 220mA	24VDC 250mA	24VDC 250mA
Dimensions (W x H x D inches)		5.04 x 4.02 x 1.50	8.03 x 5.91 x 1.94	7.88 x 5.76 x 1.67	7.88 x 5.76 x 1.67
Configuration Software		EZware-5000	EZware-5000	EZware-5000	EZware-5000
Price		\$350	\$550	\$640	\$690

Specifications may change without notice.

At A Glance

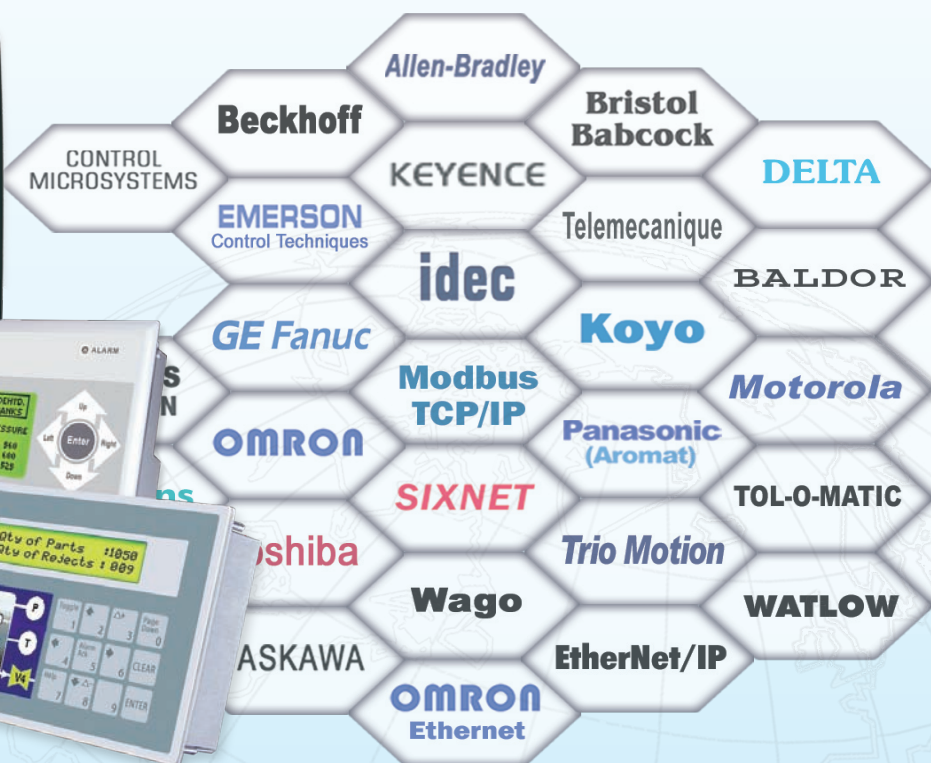


Graphic OITs		High Speed Graphic OITs		
HMI5100N	HMI5100T	HMI5104XH	HMI5121X	HMI5150X
10.2" TFT	10.2" TFT	10.4" TFT	12.1" TFT	15.0" TFT
800 x 480	800 x 480	800 x 600	800 x 600	1024 x 768
65K	65K	65K	65K	65K
300	300	400	400	350
300:1	300:1	400:1	500:1	550:1
LED	LED	LED	CCFL x 2	CCFL x 2
Yes	Yes	Yes	Yes	Yes
400 MHz	400MHz	500MHz	500MHz	500MHz
128MB	128MB	256MB	256MB	256MB
64MB	64MB	256MB	256MB	256MB
Yes	Yes	Yes	Yes	Yes
Yes	Yes	No	No	No
No	Yes	Yes	Yes	Yes
3	3	3	3	3
No	No	No	No	No
Yes	Yes	Yes	Yes	Yes
No	No	Yes	Yes	Yes
Pending	Pending	No	No	No
Yes	Yes	Yes	Yes	Yes
24VDC, 300mA	24VDC, 300mA	24VDC, 1.25A	24VDC, 1.25A	24VDC, 1.6A
10.67 x 8.38 x 1.96	10.67 x 8.38 x 1.96	11.27 x 8.38 x 1.97	12.69 x 9.57 x 1.99	14.41 x 11.54 x 2.32
EZware-5000	EZware-5000	EZware-5000	EZware-5000	EZware-5000
\$1190	\$1290	\$1690	\$1790	\$1990



Operator Interfaces for Industry

Every System Needs an Operator Interface Solution



About Maple Systems

Maple Systems is unique in the industrial marketplace. We are operator interface (OIT) experts who have specialized in the design, manufacture and support of operator interface solutions for over 25 years. This specialized experience is evident in the quality, versatility and affordability of each of our operator interface terminals.

Our controller support is unsurpassed, with operator interface terminals that communicate with over 80 families of controllers from industry-leading manufacturers like Allen-Bradley, Omron, Siemens, Koyo, and GE Fanuc, as well as the hundreds of PLCs and motion controllers that use Modbus and ASCII communications. And each of our products has all of the features you need at extremely affordable prices.

Whether you need to display simple text or complex data entry and process monitoring, our team of OIT experts can help you to find the perfect solution for your application.



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