Operator Interfaces

Maple Systems INC.

for your controller

ACROLOOP
Allen-Bradley
ANIMATICS
Applied Motion
Aromat
BALDOR
BECKHOFF
Bristol Babcock
CAL Controls
Compumotor (Parker Hannifin)
CONTROL MICROSYSTEMS
CT (Control Technology Corp)
Copley Controls
DANAHER Motion
DELTA Products
EMERSON Motion Control
FESTO

GALIL
GE Fanuc
Giddings & Lewis
HITACHI
idec
INDUSTRIAL INDEXING
KEYENCE
Koyo
Lenze
MITSUBISHI
MODBUS TCP/IP
MODICON
MOELLER
MOTOROLA
OMRON
PACIFIC SCIENTIFIC
Panasonic

Parker Hannifin
SAF Drives
SAFTRONICS
Schneider Electric
SIEMENS
SIXNET
Superior Electric
Tecnologic Controller
Telemecanique
TOL-O-MATIC - Axidyne
TOSHIBA
Trio Motion Technology
Twido
WAGO
WATLOW ELECTRIC
Whedco
YASKAWA
YET

A Company You Can Trust

Choose the model

A Company And Products That You Can Trust
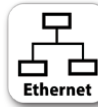
A leader in the HMI/ Graphic OIT Industry since 1983, Maple Systems offers many of the best values in the marketplace.

Our cutting edge technology includes new High Resolution and Widescreen Graphic OITs, as well as our award-winning Fanless Industrial Panel PCs.

Our product line offers you innovative choices so you can select the model that makes sense for your unique situation.

In addition we offer full technical support and service for all of the products we sell.

	Panel PCs (Industrial)
Product Series	Gold Series
Display Sizes	10", 15", 17", 19"
Display Types	Graphic
Data Input Type	Touchscreen
Software	Microsoft Windows xp, Web Studio
Communication Options	Ethernet, USB, CompactFlash, RS-232 RS-485, Audio I/O, Printer

BALDOR Ethernet I/P OMRON MODBUS (MODICON)

Bristol Babcock EMERSON Control Techniques DANAHER MOTION Allen-Bradley G A

Products You Can Trust

that works for your unique needs and challenges.

Open HMIs	Graphic OITs	Alphanumeric OITs
Ivory Series	*Silver Series*	*MicroOIT Series*
6", 12", 15"	4", 6", 7", 10", 10.4", 12", 15"	2 line x 20 character or 4 line x 20 character
Graphic	Graphic	TEXT LCD TEXT VFD
Touchscreen	Touchscreen	F1 Keypad
Microsoft Windows xp Embedded Microsoft Windows CE.net Web Studio	EZware	OITware STEPware
Ethernet USB SD CARD RS-232 RS-485 Audio Output Printer	Ethernet USB SD CARD RS-232 RS-485 Audio Output Printer	RS-232 RS-485

For current models and pricing, please go to **www.maplesystems.com**

Koyo
Parker Automation
CONTROL MICROSYSTEMS
Panasonic Aromat
GE Fanuc
SIEMENS
MODBUS TCP/IP
MITSUBISHI
L I L

The Gold Standard

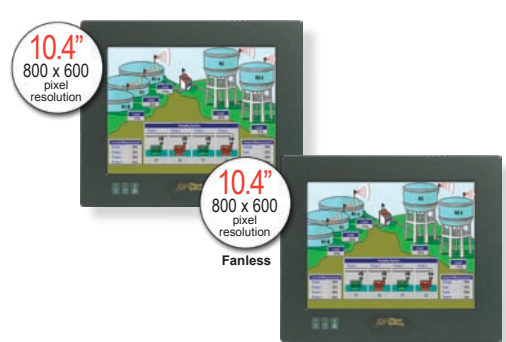Everything you need in an Industrial Panel PC — including high quality components, lots of communication options, and a budget-friendly price. Our Powerful Intel ® Core™2 Duo CPUs and our Fanless units deliver the flexibility and options you need for any task.

Intel® Core™ 2 Duo CPU

15.0" 1024 x 768 pixel resolution

17.0" 1280 x 1024 pixel resolution

19.0" 1280 x 1024 pixel resolution

Intel® Celeron M™ CPU

10.4" 800 x 600 pixel resolution

10.4" 800 x 600 pixel resolution — Fanless

Graphic | Touchscreen | Microsoft Windows xp | Web Studio | Ethernet | USB | CompactFlash | RS-232 RS-485 | Audio I/O | Printer

The *Gold* Standard in Industrial Panel PCs

The Gold Series Industrial Panel PCs are rugged Windows® XP™ computers designed to operate in hostile industrial environments. Built to last, these Panel PCs are constructed with a rugged aluminum bezel and steel enclosure. Panel PCs are certified to meet NEMA4 standards and stringent European CE noise immunity requirements.

The hardware features included with each Gold Series Panel PC provide you with a powerful industrial computer. Standard features include a high speed processor, 512MB to 1GB memory, a 80GB hard drive and ports for USB, Ethernet, serial, external keyboard and mouse.

Many optional accessories are available — CD-ROM/DVD drive, Compact Flash port, external speakers, and upgrades to the processor, memory, and hard drive are also available.

Gold Series Panel PCs come with the Windows® XP Professional operating system installed. In addition, Maple Systems offers the WebStudio software to make a complete industrial automation solution.

Gold Series Features

- 10", 15", 17" & 19" displays
- Analog resistive touchscreen
- High-speed microprocessor
- 80 GB hard drive
- 512 MB to 1GB of DRAM
- USB ports
- Serial ports
- Ethernet port
- Audio
- Parallel printer port
- Hardware options
- Rugged construction
- NEMA4, CE & FCC certified
- Windows® XP installed
- WebStudio (optional)

Core 2 Duo Panel PCs

Fast and Powerful Full-Strength Industrial Touchscreen Panel PCs

Capable, Fast and Affordable Panel PCs

With a Core 2 Duo™ 1.8 GHz Processor, an upgradable 80 GB Hard Drive, 1GB of memory, and the Windows XP Professional Operating System, these units are super fast and powerful industrial computers that can handle heavy duty industrial applications.

Rugged and resistant to the damaging effects of harsh environments, these Touchscreen Panel PCs (like all in the Gold Series) have both **RoHS** and **CE** certifications. Add to that superior connectivity including: 5 serial ports, 4 or 6 USB ports, and 2 Ethernet 10/100/1000 ports.

- ● *Core 2 Duo ™ 1.8 GHz Processor*
- ● *1 GB Memory, Upgradable 80 GB HD*
- ● *15, 17 and 19 Inch Touchscreens*
- ● *Windows XP Professional*

Windows XP Pro is Included At No Extra Cost

These Panel PCs are an outstanding value, and the deal gets sweeter when you consider the fact that these units come with Windows XP Professional. As a result, your new industrial Panel PC computer will run multitudes of XP-based applications — giving you endless software options to deal with your unique operational challenges — All at very affordable pricing.

Built to withstand harsh environments, all Gold models have a thick anodized aluminum bezel and electro-galvanized steel chassis, and the motherboard is designed specifically for the industrial environment.

These industrial computers can even withstand direct water jets or spraying when properly installed onto a NEMA4 rated panel. These Panel PCs are indeed the Gold Standard, and their extreme affordability makes them an unrivaled value.

® Windows is a registered trademark of the Microsoft Corporation

Celeron Panel PCs

Fanless Panel PCs Offer a Galaxy of Possibilites For Your Unique Operation

Affordable, yet fortified with computing power, the Gold Series models are quiet, draw less electricity, produce less heat, and eliminate the problem of particulate matter being drawn into the unit itself – perfect for tightly sealed environments where there is no available air flow.

The Gold operate most Windows software applications (they're loaded with Windows XP), and they offer an affordable functional solution to innumerable manufacturing challenges and computing tasks. The price includes the drive, the high-speed processor, the memory, and the Windows XP Professional operating system.

- **Intel Celeron M 1.5 GHZ Processor**
- **512 MB Memory, 80 GB HD, Windows XP**
- **Available in 10.4 Inch Screen**
- **Quiet, Draw Less Energy, Emit Less Heat**
- **Great For Sealed Environments**
- **Outstanding Value**

NASA Likes The Fanless, And You Will Too!

NASA's Tech Briefs Editors nominated the FANLESS GOLD PANEL PCs for "Product of the Year". They also chose the Gold Fanless Panel PC as "Product of The Month". NASA likes Maple products and so will you.

NASA TECH BRIEFS

Award-Winning Gold Panel PCs

AWARD WINNING PANEL PCs RECOGNIZED BY NASA EDITORS

The Gold Series Fanless Panel PCs were nominated by NASA's Tech Briefs Editors for 2009's "Product of the Year", and they were chosen as March, 2009's "Product of the Month".

UpFront
PRODUCT OF THE MONTH

NASA TECH BRIEFS

Maple Systems, Everett, WA, has released three Gold Series panel PCs in contoured 10" models. All models feature Intel processors and are preloaded with Windows XP Pro. The fully functional PCs run most Windows-compatible industrial software applications. The touchscreen interfaces feature high-resolution, high-brightness TFTs. The models come equipped with a 1.5-GHz Intel Celeron M CPU, and employ a high-speed Ethernet port, two USB ports, and two serial ports on the 10" model. With a 80-GB hard drive and 256 MB of flash memory, each model is expandable with numerous options. All models are made with an anodized aluminum bezel, and electro-galvanized steel chassis, and a motherboard designed for harsh manufacturing environments. Applications include remote data entry, remote monitoring, and applications that require support for multiple devices.

Technical Media Recognizes Value in Gold

NASA

In publications like *Control Design* and NASA's *Tech Briefs Magazine,* editors in the technical media realm are acknowledging and publishing news of the innovative Gold Series Products — recognizing that the Gold units offer superior value & quality.

An Array Of Communication Possibilities

Bar Code Reader

Flash Drive

Printer

Keyboard & Mouse

Speakers

Second Monitor

Applications

LCD Projector

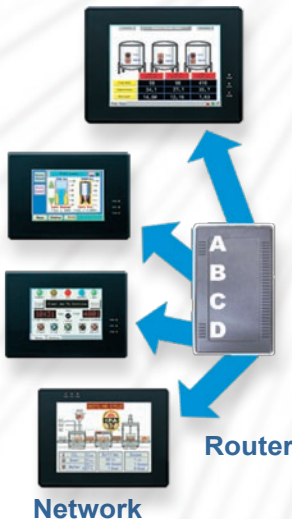With simultaneous support for multiple controllers and devices, full network support, as well as data entry and monitoring from a remote location, Gold Series Panel PCs are the perfect communication solution for every application. Connect via USB, Serial and Ethernet ports.

Internet

Remote Data Entry & Monitoring

Router

Network

PLC/Controller Support

Remote Desktop

Part Number	CORE 2 DUO Panel PCs			CELERON M Panel PCs	
	PC415A	PC417A	PC419A	PC110B	PC110BF
Display Size	15.0" XGA TFT	17.0" SXGA TFT	19.0" SXGA TFT	10.4" SVGA TFT	10.4" SVGA TFT
Display Resolution	1024 x 768	1280 x 1024	1280 x 1024	800 x 600	800 x 600
Brightness (cd/m²)	350	300	300	250	250
Contrast Ratio	700:1	800:1	800:1	500:1	500:1
Backlight MTBF (hrs)	50,000	50,000	50,000	50,000	50,000
Microprocessor	Intel Core 2 Duo 1.8 GHz	Intel Core 2 Duo 1.8 GHz	Intel Core 2 Duo 1.8 GHz	Intel Celeron M 1.5 GHz	Intel Celeron M ULV 1.0 GHz
Hard Drive	80 GB	80 GB	80 GB	80 GB	80 GB
Operating System	Windows XP Professional	Windows XP Professional	Windows XP Professional	Windows XP Professional	Windows XP Professional
Memory (DRAM)	1 GB	1 GB	1 GB	512MB	512MB
USB Ports 2.0 Host Type A	4	4	6	2	2
Ethernet Ports 10/100/1000	2	2	2	2	2
Serial Ports	5	5	5	2	2
Compact Flash Slot	1	1	1	1	0
Audio (in/out)	Yes	Yes	Yes	Yes	Yes
PS/2 (KB/MS)	1	1	1	1	1
VGA Port	1	1	1	0	0
Certifications CE	Yes	Yes	Yes	Yes	Yes
Certifications RoHS	Yes	Yes	Yes	Yes	Yes
PCI Slot	1	1	1	No	No
Mounting	Panel/VESA100	Panel/VESA100	Panel/VESA100	Panel/VESA75	Panel/VESA75
Enclosure	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Protection	IP65/NEMA4	IP65/NEMA4	IP65/NEMA4	IP65/NEMA4	IP65/NEMA4
Dimensions (W x H x D inches)	16.14 x 12.17 x 4.35	17.8 x 14.0 x 4.5	19.0 x 15.7 x 4.54	11.02 x 9.13 x 3.14	11.02 x 9.13 x 3.14
Operating Temperature	-10°C ~ 50°C	-10°C ~ 50°C	-10°C ~ 50°C	0°C ~ 40°C	0°C ~ 40°C
Power Supply	Internal 90VAC - 264VAC 180W	Internal 90VAC - 264VAC 220W	Internal 90VAC - 264VAC 220W	Internal 90VAC - 240VAC 110W	DC Power Jack DC 80W

Specifications may change without notice.

Ivory Series

Maple Systems' Ivory Series CE and XP Embedded Touchscreen Open HMIs offer robust yet affordable solutions to run custom applications for industrial operations. These versatile computers offer a host of features not typically found in this price range. Choose from high speed fanless units with CE or XP Embedded operating systems to meet your needs and your budget.

Low Cost Panel PCs

5.6" 320 x 234 — HMI606T

High Speed Panel PCs

HMI612X-XP — **12.1"** 800 x 600

HMI615X-XP — **15.0"** 1024 x 768

HMI615X-CE — **15.0"** 1024 x 768

12.1" 800 x 600 — HMI612X-CE

Icons: Graphic · Touchscreen · Microsoft Windows CE.net · Microsoft Windows xp Embedded · WebStudio · Ethernet · USB · SD CARD · RS-232 RS-485 · Audio Output · Printer

Certifications: c UL us LISTED · CE · RoHS Compliant

Affordable Windows® CE Panel PCs

The Ivory Series Open HMIs are the perfect solution for OEMs who need a low-cost HMI to run custom applications.

These touchscreen displays offer a host of hardware features not typically available in this price range. Low end models have a 200MHz processor and 32MB of Flash memory. For more demanding applications, high-end models have a 500MHz processor and 256MB to 2GB internal flash memory. Add versatility by connecting an external keyboard, mouse, printer, barcode reader, or external speakers for audio output.

The Windows® CE operating system is included on most models with Windows® XP Embedded available as an option. You can create your own custom application or use off-the-shelf programs such as Maple Systems WebStudio operator interface software. The built-in web browser and Internet support allow you to easily display web pages.

For applications that require a unique yet inexpensive operator interface that will place your system above the competition, consider the Ivory Series Open HMIs.

- 6", 12" & 15" displays
- Analog resistive touchscreen
- 200 MHz CPU (HMI600T models)
  500 MHz CPU (HMI600X models)
- 32 MB flash memory (T)
  256 MB to 2GB flash memory (X)
- 64 MB DRAM (T)
  256 MB DRAM (X)
- USB ports
- 3 Serial ports
- Ethernet port (10/100 Base-T)
- SD card slot
- Audio out
- NEMA 4, CE, UL certified
- Windows® CE.net™ or
  Windows® XP Embedded
- WebStudio software (optional)

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Ivory Series Operating Systems

YOU HAVE A CHOICE

Maple Systems Ivory Series HMIs offer you a choice between two open platform operating systems: Windows CE and Windows XP Embedded. Each OS has its advantages and its considerations.

Why Open Platform?

The Ivory Series Open HMIs are operator interfaces that employ the Microsoft® Windows® XP Embedded or Windows® CE.NET™ operating system. The Ivory Series are uniquely positioned in the HMI market, offering advanced features that were formerly available only in full-scale industrial computers. Yet, they are offered at a much lower cost than traditional proprietary HMIs.

Open platform operator interfaces should be considered in industrial applications that require:

● Custom software development that runs on the Windows® CE.NET™ or XP Embedded environment
● 3rd party off-the-shelf software with features not typically available in standard industrial automation software
● Ability to run multiple applications simultaneously (with XPe)
● Web-based features such as a browser, web server and remote Internet access (with CE)
● Access to a wide variety of peripheral support options such as bar code readers, printers, external memory storage, etc.

Windows® CE.NET™ vs. Windows® XP Embedded

The Ivory Series offer several models with your choice of Windows® XP Embedded or Windows® CE.NET™ operating system pre-loaded onto the operator interface. Which one is the best option will depend upon your needs. To help you in your selection, here are some features to consider.

Windows® CE.NET™

● Less demanding than Windows XP Embedded for hardware requirements
● Smaller operating system so less memory required
● High degree of protection since only applications created for Windows CE.NET will operate on operator interface
● Less vulnerable to virus attacks from external sources

Windows® XP Embedded

● Available on Ivory Series Panel PCs with high-speed processor and over 1 GB of memory
● Extensive range of 3rd party applications readily available

HIGH SPEED HMIs (CE Version)

The 500 MHz Processor Coupled With the Windows CE Operating System Is a Fast Open Platform Solution For You

Windows CE.net Units

- **Lightning Fast Fanless 500 MHz CPU**
- **Windows CE.NET**
- **Available in 12.1 & 15 Inch Screens**
- **256 MB Flash, 256 MB DRAM**
- **Ethernet, Serial and USB Ports**
- **Best Value Available In Their Class**

Choose a High Speed CE unit when you need an affordable and fast Open Platform HMI for running your applications — including those that run in real-time. These units have a web-browsing capability and they can run the powerful Web Studio software. Windows CE is a less extensive operating system compared to Windows XP, so it require less memory. That means better pricing for you.

HIGH SPEED HMIs (XP Version)

Microsoft **Windows** XP Embedded

Windows XP Units

c UL us LISTED

Choose a High Speed XP unit when you want the extensive capabilities and the universal standards inherent in the Windows XP Operating System. Because Windows device drivers and applications will run on these models, they offer a quicker development cycle. And with the powerful and fast 500 MHz CPU and beefed up memory, these models can handle the XP-embedded Operating System.

Rev Up The Engine Of Your Automation/Control Process With A New Ivory High Speed Unit

- **Lightning Fast Fanless 500 MHz CPU**
- **Windows XP-embedded Operating System**
- **Available in 12.1 & 15 Inch Screens**
- **2 GB Flash, 256 MB DRAM**
- **Ethernet, Serial and USB Ports**
- **Best Value Available In Their Class**

Outstanding Color Touchscreen with Sleek Design

Versatile Touchscreen

Fine resolution

Precision touch response
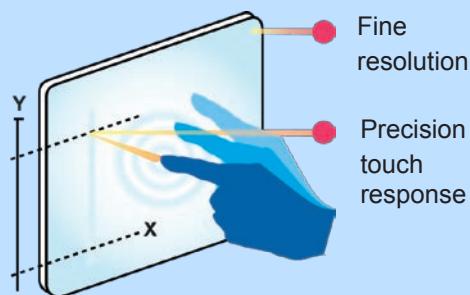
High-brightness TFTs

Up to 65,536 colors

With Ivory Touchscreen Panel PCs You Get:

- **Displays Up To 15 inches in size**
- **Analog Resistive Touchscreen**
- **High Brightness/Contrast Display**
- **High Resolution Display**
- **500 MHz Fanless CPU**
- **Solid State Design (no moving parts)**
- **Full Connectivity: Ethernet, USB, Serial**
- **Pre-loaded Windows XP Embedded or Windows CE.NET**
- **Two-year Warranty**

Affordable Technology

Ivory Open HMIs are affordable and yet they are comprised of state-of-the-art technology including analog touchscreen, superior high brightness TFT display, and a sleek chassis design.

Sleek Design

Space-saving ultra-slim flat panel displays

Nominal 2" depth

Access ports below minimizes space requirements

Hardware Expansion Options For the Ivory Series

With simultaneous support for multiple controllers and devices, full network support, as well as data entry and monitoring from a remote location, the Ivory Series are the perfect communication solution for every application.
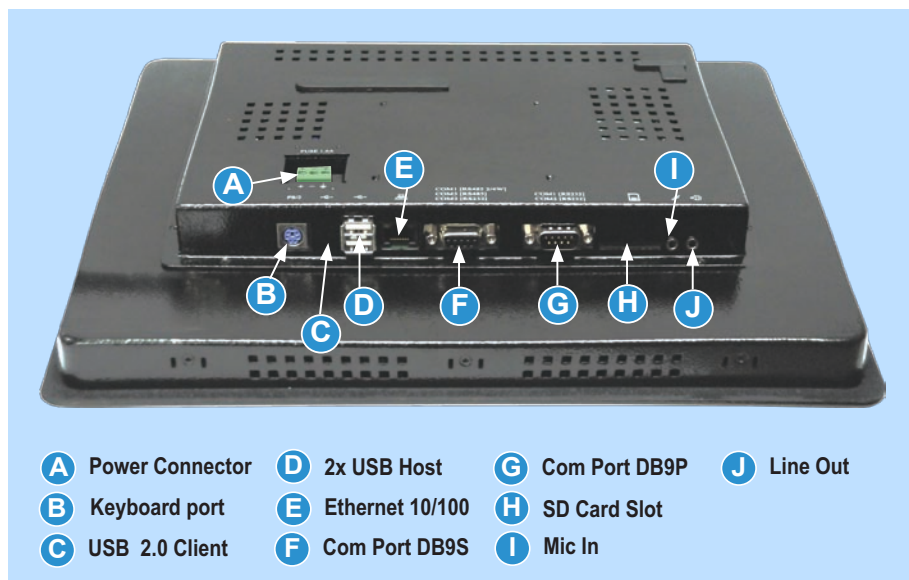
A	Power Connector	**D**	2x USB Host	**G**	Com Port DB9P	**J**	Line Out
B	Keyboard port	**E**	Ethernet 10/100	**H**	SD Card Slot		
C	USB 2.0 Client	**F**	Com Port DB9S	**I**	Mic In		

Communication Ports
RS232 and RS485/422 2-wire or 4-wire ports are available for connection to multiple devices.

Connect Peripheral Hardware
Need a keyboard or a mouse? Want to print a report? The Ivory Series offer various connectivity options.

Audio Jack
A line-level audio jack allows connection of stereo speakers for:

- Verbal instructions
- Audible alarms
- Audible system prompts
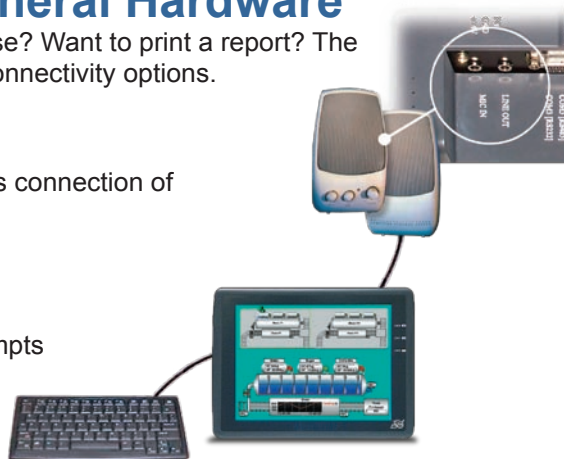
Remote Data Entry & Monitoring

Speakers

Flash Drive
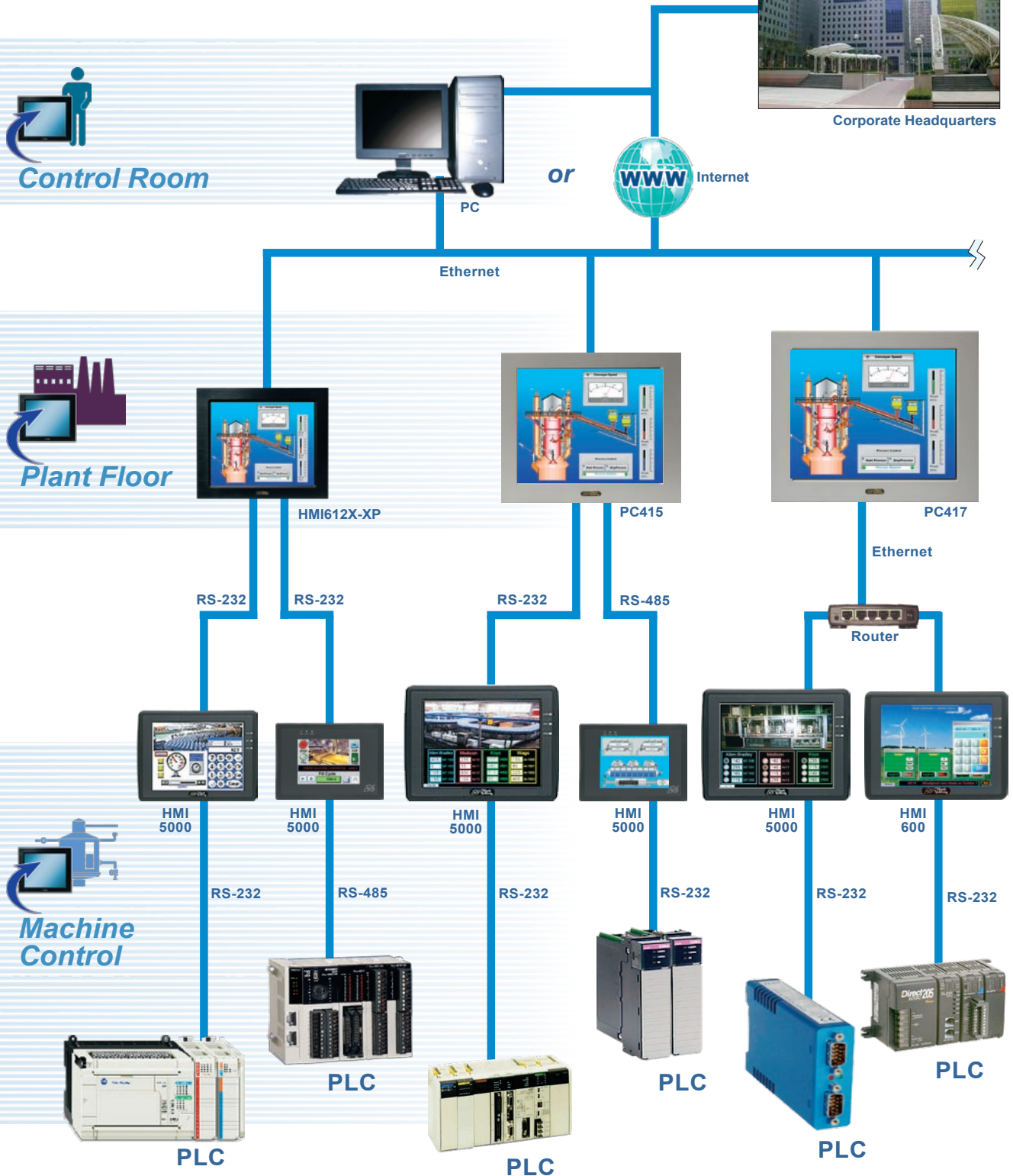
Mouse & Keyboard

PLC/Controller Support

Applications

Router

Network

Part Number	LOW COST	HIGH SPEED Windows CE		HIGH SPEED Windows XP	
	HMI606T	HMI612X-CE	HMI615X-CE	HMI612X-XP	HMI615X-XP
Display Size	5.6" TFT	12.1" TFT	15.0" TFT	12.1" TFT	15.0" TFT
Display Resolution	320 x 234	800 x 600	1024 x 768	800 x 600	1024 x 768
Color (16 bit)	65,536	65,536	65,536	65,536	65,536
Brightness (cd/m^2)	300	400	350	400	350
Contrast Ratio	300:1	500:1	550:1	500:1	550:1
Backlight	LED	CCFL x2	CCFL x2	CCFL x2	CCFL x2
Backlight MTBF (hrs)	30,000	50,000	50,000	50,000	50,000
Microprocessor	32 Bit RISC CPU 200MHz Fanless	32 Bit CISC CPU 500MHz	32 Bit CISC CPU 500MHz Fanless	32 Bit CISC CPU 500MHz Fanless	32 Bit CISC CPU 500MHz Fanless
Operating System	WindowsCE.NET	WindowsCE.NET	WindowsCE.NET	Windows XP Embedded	Windows XP Embedded
Memory — Flash	32MB	256MB	256MB	2GB	2GB
Memory — DRAM	64MB	256MB	256MB	256MB	256MB
USB Ports — Host	1	2	2	2	2
USB Ports — Client	1	0	0	0	0
Ethernet	Yes	Yes	Yes	Yes	Yes
Serial Ports	3	3	3	3	3
Compact Flash Slot	Yes	No	No	No	No
SD Card Slot	No	Yes	Yes	Yes	Yes
Audio Jack	Yes	Yes	Yes	Yes	Yes
Certifications	cULus, CE, FCC	cULus, CE, FCC	cULus, CE, FCC	cULus, CE, FCC	cULus, CE, FCC
Power Requirements	12VDC, 220mA	24VDC 1.25A	24VDC, 1.6A	24VDC, 1.25A	24VDC, 1.6A
Enclosure	Plastic	Plastic	Aluminum	Plastic	Aluminum
Protection	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)
Dimensions (W x H x D inches)	8.03 x 5.91 x 1.89	12.69 x 9.57 x 1.99	14.41 x 11.54 x 2.32	12.69 x 9.57 x 1.99	14.41 x 11.54 x 2.32

Specifications may change without notice.

Ethernet (Gold and Ivory)

From control room to shop floor, our Panel PCs offer performance, reliability, and value for your application. With simultaneous support for multiple controllers and devices, full network support, as well as data entry and monitoring from a remote location, these panel PCs are the perfect communication solution for every application.

Corporate Headquarters

Control Room

PC

or

WWW Internet

Ethernet

Plant Floor

HMI612X-XP

PC415

PC417

Ethernet

RS-232   RS-232   RS-232   RS-485

Router

HMI 5000   HMI 5000   HMI 5000   HMI 5000   HMI 5000   HMI 600

Machine Control

RS-232   RS-485   RS-232   RS-232   RS-232   RS-232

PLC

PLC

PLC

PLC

PLC

PLC

Gold and Ivory Series Products come pre-loaded with the Microsoft® Windows® CE, XP Embedded, XP Pro operating system, including Internet Explorer.

Use many Windows-compatible industrial applications

The Windows platform allows configuration with all types of Windows-compatible industrial applications.

Use our versatile HMI/SCADA software

WebStudio turns your Gold or Ivory Series Products into a fully functional web-based HMI solution.

As a total solution to your industrial automation needs Maple Systems also offers WebStudio, powerful and intuitive HMI/SCADA software for our Panel PCs. WebStudio provides a media-rich operating environment that communicates system conditions clearly to operators, while allowing supervisors and engineers to view and append data remotely in real-time.

When used with a Maple Panel PC, WebStudio enables you to:

- Create real-time applications that support animated graphic screens, trends, alarms, reports, and recipes

- Provides sophisticated security features to protect your system

- View multiple applications from a remote computer using a Web Browser

- Use more than 200 communication drivers for PLCs and controllers

- Provide OPC (client & server) support
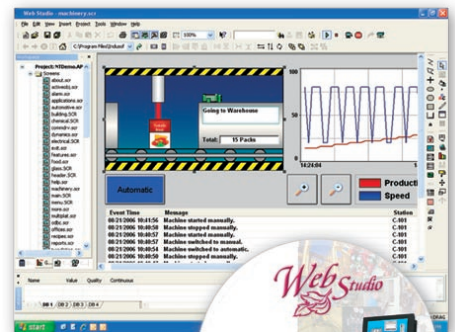
Bristol Babcock
BALDOR
EMERSON Control Techniques
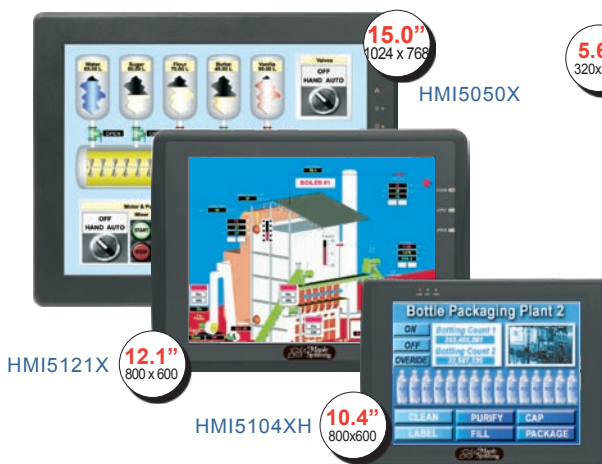Ethernet I/P
DANAHER MOTION
OMRON
Allen-Bradley
MODBUS (MODICON)

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

7.0" 800 x 480 — HMI5070NH Non-Ethernet

HMI5070TH Ethernet — **7.0"** 800 x 480

HMI5100N Non-Ethernet — **10.0"** 800 x 480

HMI5100T Ethernet — **10.0"** 800 x 480

High Speed Graphic OITs

15.0" 1024 x 768 — HMI5050X

HMI5121X — **12.1"** 800 x 600

HMI5104XH — **10.4"** 800x600

Compact Graphic OITs

5.6" 320x234 — HMI5056N

4.3" 480 x 272 — HMI5043N

(Bottle Packaging Plant 2)

Icons: Graphic | Touchscreen | EZware | Ethernet | USB | SD CARD | RS-232 RS-485 | Audio Output | Printer | c(UL)us LISTED | CE | RoHS Compliant

A New Generation of Graphic OITs

The Silver Series Graphic OITs are an exciting lineup of cutting edge HMIs which are literally transforming the marketplace.

The Widescreen Models offer outstanding graphic capabilities including substantially more screen area (width), higher pixel density, and a faster CPU.

If power and speed are crucial to your operation, take a closer look at the Silver Series High Speed Models. With a 500 MHz processor and 256 MB of DRAM, these units can handle heavy duty HMI tasks with a breeze.

With exciting features like connectivity to multiple PLCs, data logging, enhanced security, and support for Allen-Bradley EtherNet/IP, video and pass-through, the Silver Series offers affordable pricing that can make a major difference in challenging economic times.

- 4", 6", 7", 10", 10.4" 12" ,15" displays
- 65K (16-Bit) color, high brightness TFT display
- Analog resistive touchscreen
- 400 MHz CPU (Widescreen) 500 MHz CPU (High Speed)
- 128 MB flash memory (Widescreen) 256 MB flash memory (High Speed)
- 64 MB DRAM (Widescreen) 256 MB DRAM (High Speed)
- USB ports
- serial ports
- Ethernet port
- SD Card
- Audio Output
- NEMA 4, CE, UL certified
- Offline/Online simulator
- Programmed with EZware software

COMPACT Graphic OITs

- **400 MHz CPU**
- **High Brightness 65K (16 bit) Color TFT**
- **4.3" widescreen & 5.6" Standard Screen**
- **Serial Port, USB Port (Client Only)**
- **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.

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 & Size:

HMI5056N
5.6 Inch Screen with
320 x 234 Pixel Resolution

HMI5043N
4.3 Inch Screen with
480 x 272 Pixel Resolution

WIDESCREEN 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**

c(UL)us LISTED

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 the 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.

WIDESCREEN Models & Sizes:

HMI5043N
4.3 Inch Screen with 480 x 272 Pixel Resolution

HMI5070NH
7 Inch Screen with 800 x 480 Pixel Resolution

HMI5070TH (with 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

WIDESCREEN Graphic OITs

Same Panel Cut-Out, Wider Screen Area

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

35 % More Screen Area

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 a 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"

← Same →

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"

HIGH SPEED Graphic OITs

- **Lightning Fast 500 MHz CPU**
- **256 MB Flash, 256 MB DRAM**
- **Available in 10.4, 12.1, & 15 Inch Screens**
- **Best Value Available In Its Class**
- **Ethernet, Serial and USB Ports**
- **Allen Bradley &Modbus Ethernet Protocols**

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 Resolution

HMI5121X
12.1 Inch Screen with 800 x 600 Pixel Resolution

HMI5150X
15 Inch Screen with 1024 x 768 Pixel Resolution

Video Capability

Multi Media Video Player Available In High Speed Graphic OITs

All Silver Series Graphic OITs can display animated motion, and now with the High Speed models you can display vibrant video with sound.

The Silver Series EZware Media Player is an 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.
  NOTE: The best playback performance is attained with moderately compressed files at lower display resolutions. For best performance, utilize files with compression and 640 x 480 pixel resolution played back at 700 Kilobytes per second.

Animation

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

- Animated GIFs supported
- 1-255 states
- Predefined locations or PLC controlled movement
- Automatic Time-based option

Silver Series

PLC Connectivity — Serial

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.
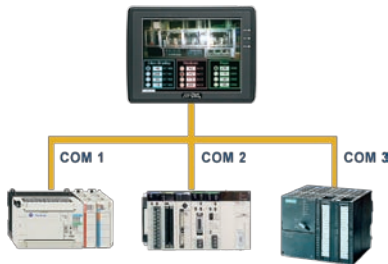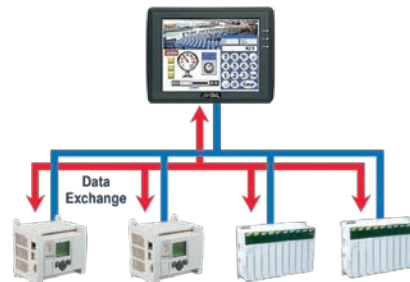
Serial Connection

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.
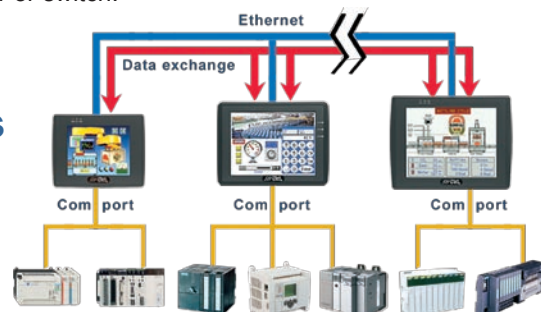
PLC Connectivity — Ethernet

Ethernet for Networking and Fast Communications

The Silver Series OITs support the popular industrial Ethernet drivers — Modbus TCP/IP, Allen-Bradley EtherNet/IP, GE Fanuc, 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.
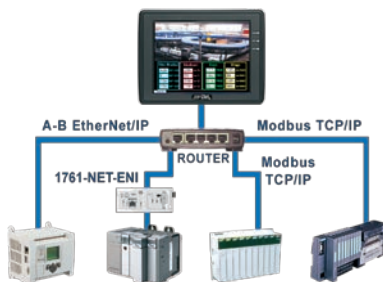
Shared Information Between OITs

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.

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.
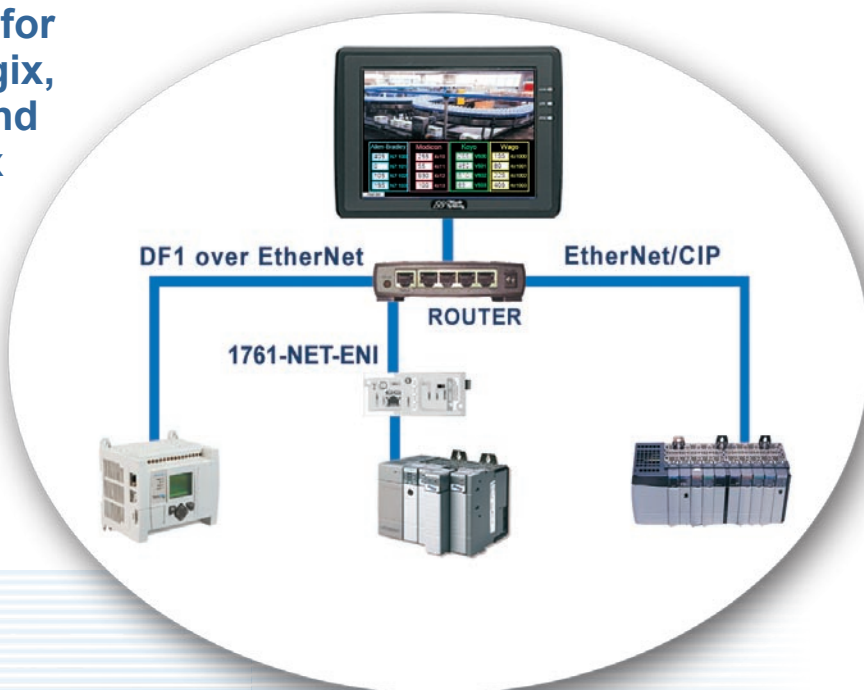
Serial Connection

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.

EZware

Easy-To-Use Configuration Software For Your Graphic OIT

EZware is the powerful easy-to-use configuration software for your Silver Series Graphic OIT. EZware provides you with a versatile collection of development tools and an extensive graphics library. You can also import your own bitmap graphics made with other graphics software.

- **Easy To Use HMI Configuration Software**
- **Create Unique Graphic OIT Applications**
- **Comes With Complete Graphic Library**
- **Trends, Graphs, Key-Inputs, Pop-ups, Alarms**
- **Display Animations**
- **Supports Over 100 Controllers**

EZware allows you to create your project using features such as animated screens, alarms, trends, scripting, recipes and reports, and schedule tasks.

Enhanced Graphics

Create sophisticated screens using the extensive graphics libraries.

- Support for bitmaps, JPGs, and animated GIFs
- Display multiple popup windows
- Overlap objects of any size anywhere on the screen

Enhanced Text

With Windows TrueType fonts, a wide variety of font types, sizes, and colors are available.

- Windows TrueType fonts supported
- International characters using Unicode fonts
- Bold, italics, underline, scrolling, and blinking
- Multi-language support — configure up to eight different versions of a word label for every object displayed on the OIT screen. Allows ability to have multiple languages in one project

Data Logging/Data Sampling

Store captured data for future retrieval in multiple files.

- Capture sampled data to internal memory, USB or SD drives; export as a CSV file
- Store alarm history, including date and time stamp
- Save trend data for later retrieval on the OIT

Graphics & Animation

- Create graphics-rich screens using graphics from libraries or imported bitmaps
- Enhance your screens using animation and moving shapes. You can also display up to 255 different states of an object.
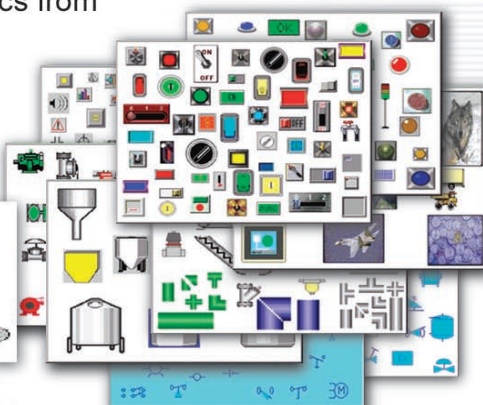
Data Monitoring and Entry

Program the operator interface for clear and intuitive communications with the operator using existing or custom data objects.

- Bar graphs
- Meters
- Trends & XY plots
- Switches, lamps & buttons
- Keypads
- Alarms & events
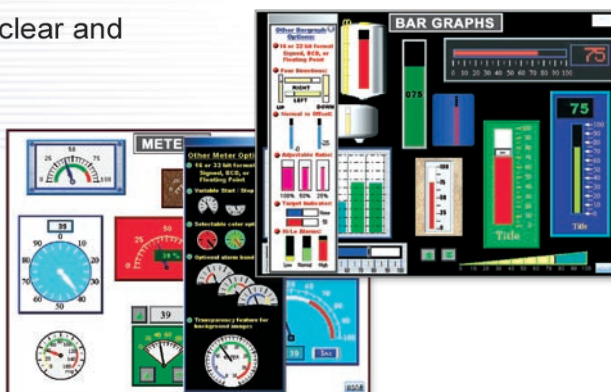
Programming Features

Use programming features to customize the operator interface to your specific application:

- Recipes
- Multiple languages
- Stackable active objects that allow operators to perform multiple functions with a single keypress
- On-line simulation
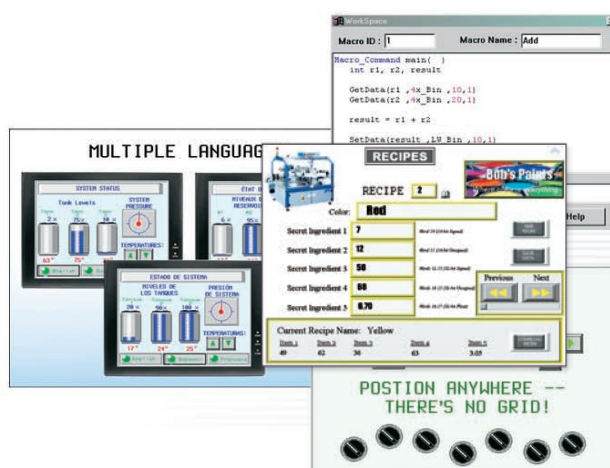
Security

The Silver Series offers many security features to protect the OIT from unauthorized use.

- Password protection for upload, download and access to local setup
- Six security levels with three passwords per security level
- Object invisibility and Interlock feature

Specifications At A Glance

	Compact Graphic OITs		Widescreen Graphic OITs				High Speed Graphic OITs		
Part Number	HMI5043N	HMI5056N	HMI5070NH	HMI5070TH	HMI5100N	HMI5100T	HMI5104XH	HMI5121X	HMI5150X
Display Size	4.3" TFT	5.6" TFT	7.0" TFT	7.0" TFT	10.2" TFT	10.2" TFT	10.4" TFT	12.1" TFT	15.0" TFT
Display Resolution	480 x 272	320 x 234	800 x 480	800 x 480	800 x 480	800 x 480	800 x 600	800 x 600	1024 x 768
Max Colors	65K	65K	65K	65K	65K	65K	65K	65K	65K
Brightness (cd/m²)	450	300	450	450	300	300	400	400	350
Contrast Ratio	500:1	300:1	500:1	500:1	300:1	300:1	400:1	500:1	550:1
Backlight	LED	LED	LED	LED	LED	LED	LED	CCFL x 2	CCFL x 2
Touchscreen (4-wire analog resistive)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Microprocessor (32-bit RISC)	400MHz	400MHz	400 MHz	400 MHz	400 MHz	400MHz	500MHz	500MHz	500MHz
Memory Flash	128MB	128MB	128MB	128MB	128MB	128MB	256MB	256MB	256MB
Memory DRAM	64MB	64MB	64MB	64MB	64MB	64MB	256MB	256MB	256MB
USB Ports Host	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
USB Ports Client	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ethernet	No	No	No	Yes	No	Yes	Yes	Yes	Yes
Serial Ports	2	1	3	3	3	3	3	3	3
SD Card Slot	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Audio Jack	No	No	No	Yes	No	Yes	Yes	Yes	Yes
Certifications cULus	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Certifications CE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Requirements	24VDC, 250mA	24VDC, 220mA	24VDC 250mA	24VDC 250mA	24VDC, 300mA	24VDC, 300mA	24VDC, 1.25A	24VDC, 1.25A	24VDC, 1.6A
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	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
Configuration Software	EZware	EZware	EZware	EZware	EZware	EZware	EZware	EZware	EZware
Enclosure	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Aluminum
Protection	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)

* Specifications subject to change without notice. Configuration software sold separately.
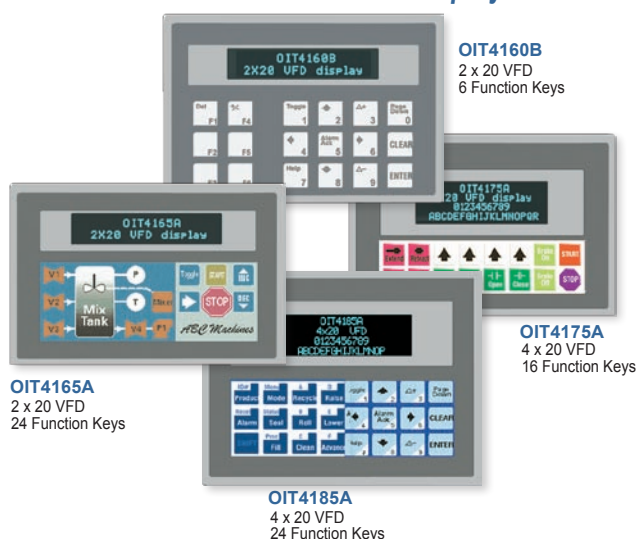
MicroOIT Series

Maple Systems MicroOITs offer unmatched functionality, flexibility, and value. These alphanumeric OITs offer programmable user-defined keypads with slide-in legends, 2 or 4-line LCD or VFD displays, 16 or 24-key keypads, sturdy hardware, easy-to-use configuration software, and support for over 100 controllers including Allen Bradley, Siemens, & GE Fanuc. Made in the USA, these flexible MicroOITs have a Class I, Division 2 Rating.

Vacuum Fluorescent Displays

OIT4160B
2 x 20 VFD
6 Function Keys

OIT4165A
2 x 20 VFD
24 Function Keys

OIT4175A
4 x 20 VFD
16 Function Keys

OIT4185A
4 x 20 VFD
24 Function Keys

Backlit LCD Displays

OIT3160B
2 x 20 Backlit LCD
6 Function Keys

OIT3165A
2 x 20 Backlit LCD
24 Function Keys

OIT3175A
4 x 20 Backlit LCD
16 Function Keys

OIT3185A
4 x 20 Backlit LCD
24 Function Keys

Text Displays with Customizable Keys

The MicroOIT Series have alphanumeric displays with membrane-style keys. Each key is programmable, allowing you to define a unique keypad to match your particular application. The legendable insert feature means you don't have to pay extra for custom overlays to get a custom look.

A wide range of communications drivers are available: from Allen-Bradley, Modicon, and GE Fanuc, to Keyence, Galil, and Bristol Babcock. Over 75 families of PLCs and motion controllers are supported.

The configuration software includes recipes, menus, alarms, and the ability to create over 500 screens. Designed for harsh industrial environments, these OITs carry a Class I Division 2 rating and operate under a wide temperature range.

The MicroOIT Series is a powerful and durable operator interface.

- **Alphanumeric Displays**
  - **LCD or VFD models**
  - **2 line or 4 line by 20 characters**
- **Membrane-style keypad with legendable inserts**
- **User-definable keys**
- **Serial RS232/RS485 ports**
- **Display features**
  - **Multiple PLC registers per screen**
  - **Chain screens together**
  - **Linear scaling**
  - **500 configurable screens**
- **Recipes**
- **Menus**
- **NEMA 4, CE, UL certified**
- **Class I Division 2 rating**
- **Extended operating temperature (-10 to +65° C)**
- **Programmed with OITware-200 software**

Backlit LCD MicroOITs
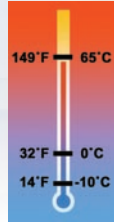
Great for normal lighting conditions, the affordable Backlit LCD MicroOITs are rugged and reliable enough to function almost anywhere. And they are rated for Harsh & Extreme Environments and Temperatures.

Models & Sizes:

OIT3160B
2 x 20 LCD, 6 Function Keys

OIT3165A
2 x 20 LCD, 24 Function Keys

OIT3175A
4 x 20 LCD, 16 Function Keys

OIT3185A
4 x 20 LCD, 24 Function Keys

- *Class I Division 2 Rating*
- *Customizable Slide-In Key Pad Legends*
- *Up To 24 Programmable Function Keys*
- *2 x 20 or 4 x 20 LED Backlit LCD or Light Emitting VFD*
- *Easy to Use Configuration Software*
- *Operate in Extreme Temperatures*
- *Extra Sturdy Metal Enclosure*
- *Support For Over 100 controllers*

Vacuum Fluorescent MicroOITs

Choose the Vacuum Fluorescent MicroOIT when you need an interface with a light-emitting display that is more readily viewable in lower-light environments. These VFD OITs are also very useful in situations where a crisp high contrast display is desired.

Models & Sizes:

OIT4160B
2 x 20 VFD, 6 Function Keys

OIT4165A
2 x 20 VFD, 24 Function Keys

OIT4175A
4 x 20 VFD, 16 Function Keys

OIT4185A
4 x 20 VFD, 24 Function Keys

Maple Systems' entire MicroOIT Series are Class I Division 2 rated and therefore are a great choice for extreme environments and temperatures, and the Vacuum Fluorescent units can withstand even harsher temperature extremes with a range of -10 ˚C up to 65 ˚C (14 ˚F up to 149 ˚F).

NEMA4/4X & CE
The MicroOIT Series are sealed to NEMA4/4X(indoor)/12 standards and meet CE specifications for electric noise immunity in commercial and heavy industrial environments.

CLASS I DIVISION 2

Class I Div.2 Rating
The MicroOIT Series is Class I Division 2 Rated for the possible presence of an explosive atmosphere such as flammable gases, vapors, or liquids.

Key Types & Functions

Whether you are designing for one application or many, the MicroOIT Series fits the bill. With 500 user-definable screens, 16 or 24 user-definable keys, and a user-definable keypad legend, these MicroOITs fit perfectly in any application.

Choose Your Own Keys

The MicroOIT Series lets you choose the exact keys that your application requires.
With the user-definable keypad feature, it is easy to have the exact keypad layout you want
-- whether that includes function keys, a number pad, no keys at all, or almost any combination you can think of. Choose from the following key types: Global Function Keys, Screen-Dependent Function Keys, Numeric Keys, and Control Keys.
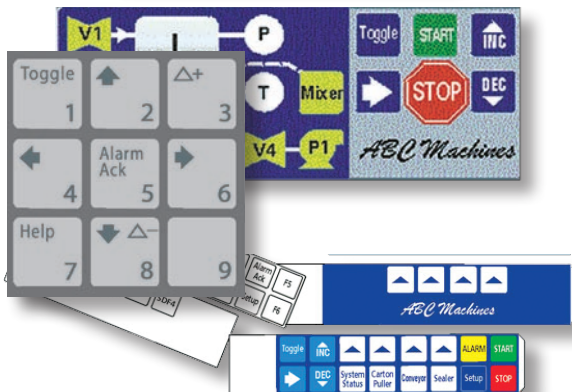
Global Function Keys

You can configure up to 16 global function keys. Each global function key can display one of 500 user-definable screens or simulate a momentary or push-on/push-off mechanical switch.

Screen-Dependent Function Keys

Screen-dependent function keys allow you to define how they operate in each of the 500 user-definable screens. With 8 available, you have the equivalent of 4000 function keys.

Numeric Keys

For applications that require data entry, the 0 to 9 and +/- keys are available.

Control Keys

Many different control keys are available including: Enter, Clear, Help, Page Up, Page Down, Alarm Ack. and Jog Keys. With these you can tailor the operation of the OIT to the requirements of your application.

It's All Up To You

The look and function of your MicroOIT keypad legend is entirely up to you. It's easy, customizable and it just makes good sense. Nothing is better than to have your keypad graphics reflect those functions that have meaning to you and your operation.

Part Number	Backlit LCD Displays				Vacuum Fluorescent Displays			
	OIT3160B	OIT3165A	OIT3175A	OIT3185A	OIT4160B	OIT4165A	OIT4175A	OIT4185A
Display Type (lines x character)	2 x 20 backlit LCD	2 x 20 backlit LCD	4 x 20 backlit LCD	4 x 20 backlit LCD	2 x 20 VFD	2 x 20 VFD	4 x 20 VFD	4 x 20 VFD
Dimensions	6" x 4" x 1.77"	6" x 4" x 1.77"	6" x 4" x 1.77"	6" x 5" x 1.77"	6" x 4" x 1.77"	6" x 4" x 1.77"	6" x 4" x 1.77"	6" x 5" x 1.77"
Function Keys	6 function keys	24 function keys	16 function keys	24 function keys	6 function keys	24 function keys	16 function keys	24 function keys
Programmable Keys	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Custom Legends	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Tactile Feedback	Yes	No	No	No	Yes	No	No	No
Slide-in Legend	No	Yes	Yes	Yes	No	Yes	Yes	Yes
Operating Temperature	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C	14 to 149°F; –10 to 65°C
Class I Division 2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Certification	cULus, CE	cULus, CE	cULus, CE	cULus, CE	cULus, CE	cULus, CE	cULus, CE	cULus, CE
Enclosure	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Protection	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)	IP65 (NEMA4)
Power Requirement	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum	12 to 30 VDC, 70mA maximum
Serial Port	RS-232, RS-485	RS-232, RS-485	RS-232, RS-485	RS-232, RS-485	RS-232, RS-485	RS-232, RS-485	RS-232, RS-485	RS-232, RS-485
Backlight	LED	LED	LED	LED	LED	LED	LED	LED
Backlight MTBF (hours)	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000

* Specifications subject to change without notice. Configuration software sold separately.

MicroOITs Offer Value, Customization

The affordable MicroOITs are packed with features like user-defined keypads and extremely customizable displays. With a combination of sturdy hardware and easy-to-use configuration software, they support over 100 controllers like Allen-Bradley, Siemens and GE Fanuc.

Industrial Strength HMIs With Limitless Applications

Maple Systems' HMIs and OITs are utilized in a multitude of applications throughout the world, as HMIs connected to control units in manufacturing plants or as part of a total industrial automation solution with connectivity back to the corporate office.

Maple Systems can assist you with your application by providing expert knowledge based upon our twenty five years of experience.

Retail Applications

What make the HMI5000 Series family of Graphic OITs ideal for retail applications?

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

- Display sizes ranging from 4.3" to 15" provides versatility.

- The unique EZware configuration software platform allows for a wide range of custom software uses.

Kiosk

- Gold Series Panel PCs can be kiosk mounted and attached to a wide number of USB, Serial and PS2 devices.

- When combined with the open platform of Windows XP Professional, this makes it very easy to customize the Panel PC for virtually any type of kiosk application.

- These Panel PCs range in size from 10" to 19" – so they won't stretch the budget.

- A High-speed Ethernet ports allow networking between kiosks – or between kiosk and a centralized office location.

Applications

Transportation

Perfect for planes, trains, automobiles – or any other type of transportation you can imagine – the features are a perfect fit for all modes of getting from point A to point B.

● Vibration and shock-resistant.

Breweries, Bottling Plants

● With a variety of communications ports for peripherals like bar code scanners or even an extra monitor, the Maple Systems Panel PCs are ideally suited for beverage and brewery applications.

● Networkability allows monitoring from multiple stations within or outside the brewery.

● Water and dust-proof front face with a NEMA 4 rating protects the panel from spills.

● WebStudio HMI software for the Panel PC has a variety of monitoring and control tools to keep automated processes running smoothly.

Wastewater

Why do Maple Systems Panel PCs work so well in waste water applications?

● Fanless option holds up to dust.

● NEMA-4 water and dust proof protects from both harsh weather and damp or humid condition.

Power Plant

In the technologically complex environment of a power plant, the Gold Series Panel PCs are the natural choice for monitoring and control:

● Monitors and communicates with multiple devices simultaneously -- which is perfect for the extremely complex instrumentation present in a power plant.

● Holds up well in conditions of extreme heat or cold.

● Reliability is key in the power industry, and the industrial grade mainboard is highly stable and reliable for 10-20 years of operation.

● VGA port allows connection of an additional display -- which provides more room to view the monitoring of multiple processes at once.

About Maple Systems

FOUR EASY WAYS TO OBTAIN MAPLE PRODUCTS:

1 **Phone/Fax your order:** Phone or Fax your order directly to Maple Systems.

2 **Talk To A Representative:** You can talk to a Maple Systems representative in your own particular region. Call us for contact information or go to our website and click on the [Where to Buy] button.

3 **Order From Our Website:** Easily order your product directly from our online ordering system at www.maplesystems.com. Simply click on the green [BUY] button next to the product you need.

4 **Distributors:** Maple Systems has many distributors located around the globe, ready to process your order.

MAPLE SYSTEMS CONTACT INFORMATION

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Email: sales@maplesystems.com

Customer Service & Orders:
Phone: 425-745-3229 x256
Email: orders@maplesystems.com

Technical Support:
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Email: support@maplesystems.com

Operator Interfaces *for Industry*

Maple Systems, Inc.

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