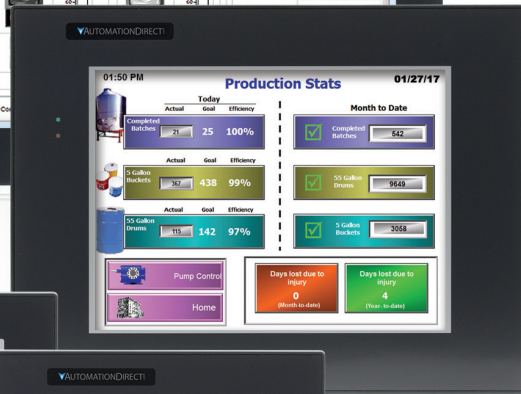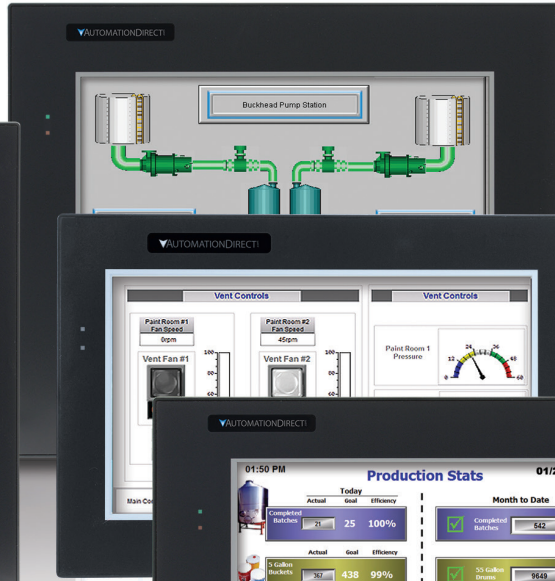# Easy to configure, install and maintain

Hundreds of powerful features

We maximized every feature, small and large, to make sure you have a great experience with your HMI.

- **Proven Reliablity**
- **Predefined Objects**
- **Enhanced Productivity Tools**
- **Increased Device Connectivity**
- **Remote Access and Control** from any web browser, or with the mobile app*

C-more has better value all around!

*C-more Micro HMI panels do not have remote access capability.

Made by Koyo

Koyo Electronics, our parent company, is part of the multibillion dollar JTEKT group of companies that primarily provides components to automotive manufacturers such as Toyota. With this type of engineering and manufacturing background, we knew Koyo could create a product that would offer the best combination of reliability, ease of use, features and price.

Backed with a 2-year warranty

For over 50 years, Koyo has been a world class manufacturer of reliable and best valued products. *C-more* was designed with quality in mind and engineered by Koyo to meet the most stringent quality requirements. Therefore, Koyo is confident to offer a 2-year limited warranty on all *C-more* interfaces.

FREE Software!

C-more HMI design software can be downloaded free-of-charge. Get started on your project today or take it for a test drive.

Download as often as you need. No license or key needed.
Click here to download.

more — PLC Compatibility...

Tag-based Messaging

C-more software supports direct insertion of ControlLogix, CompactLogix and FlexLogix tags from the PLC into *C-more* - no mapping or translations required.

Allen-Bradley® PLC Driver Support:

- **ControlLogix®**
- **CompactLogix®**
- **FlexLogix**
- **SLC® 5/05 Ethernet™**
- **MicroLogix™ 1100/1400 Ethernet**

including:

- A-B DF1
- A-B DH485
- A-B EtherNet/IP Client
- A-B Ethernet/IP Server Generic IO Messaging

Get A-B Ethernet connectivity and 64K colors starting at

$928.00

p/n EA9-T6CL: supports serial and Ethernet-based drivers

mCME-8 *C-more* HMI   ▼AUTOMATIONDIRECT.com   1-800-633-0405

Fast and Simple Driver Setup

We have many protocols for the Allen-Bradley PLC brand. The A-B Ethernet drivers allow the simple connectivity of multiple panels and/or multiple Allen-Bradley PLCs. We also have ControlLogix EtherNet/IP Tag Messaging support. This feature helps increase productivity by reducing the time often required to map your PLC tag database into another device. You can import the RSLogix 5000 L5K file directly, or with just a few clicks of the mouse you can directly enter your ControlLogix/CompactLogix tags from the PLC into *C-more*. No mapping or translation required!

C-more Allen-Bradley Controller Support	DF1 Full Duplex	DF1 Half Duplex	DH485	Generic EtherNet/IP Server (IO Messaging)	EtherNet/IP Client	EtherNet/IP Tag-Based Client	Tag-Based DF1 Full Duplex	Tag-Based DF1 Half Duplex
SLC 5/01, 5/02			Yes					
SLC 5/03	Yes	Yes	Yes		Yes[xxx]			
SLC 5/04	Yes	Yes	**Yes		Yes[xxx]			
SLC 5/05 (Series A OS501 FRN5 & Higher)	Yes	Yes	**Yes		Yes			
MicroLogix 1000, 1200, 1500	Yes	Yes	**Yes		Yes[xxx]			
MicroLogix 1100/1400	Yes	Yes	**Yes		Yes			
Micro 800						Yes		Yes
PLC5	Yes							
ControlLogix				Yes		Yes	Yes	Yes
CompactLogix				Yes		Yes	Yes	Yes
FlexLogix				Yes		Yes	Yes	Yes

**AIC module from Allen-Bradley required for this connection

xxxNET - ENI module from Allen-Bradley required for this connection

ControlLogix EtherNet/IP Tag-based Messaging

Configure ControlLogix, CompactLogix and FlexLogic tags from the PLC into *C-more* (no mapping or translations required).
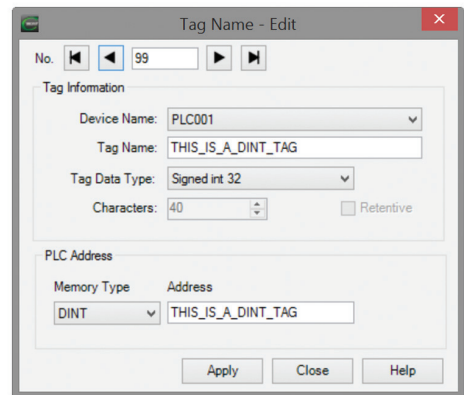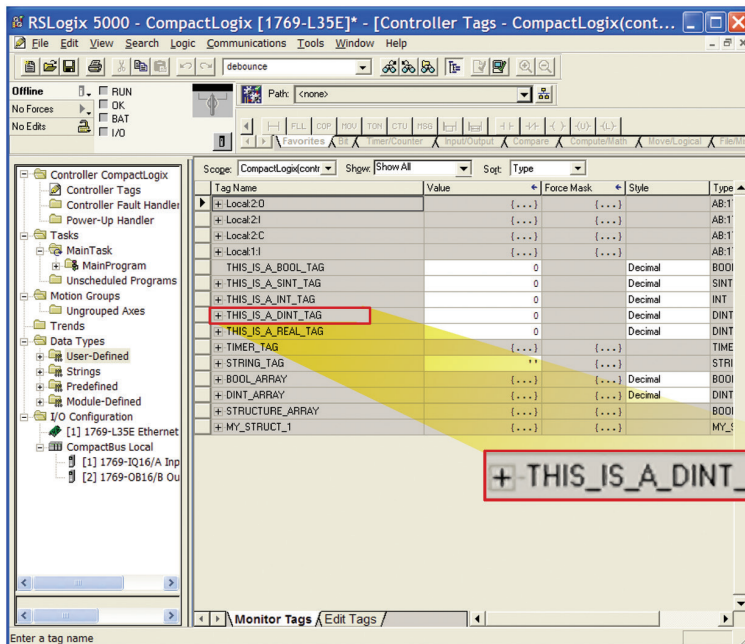
2. Type in the PLC tag names directly. You can use the PLC tag names as your *C-more* tag names or choose a different *C-more* tag name when appropriate.

You can configure ControlLogix, CompactLogix and Flexlogic tags in the *C-more* Programming software through two different methods:
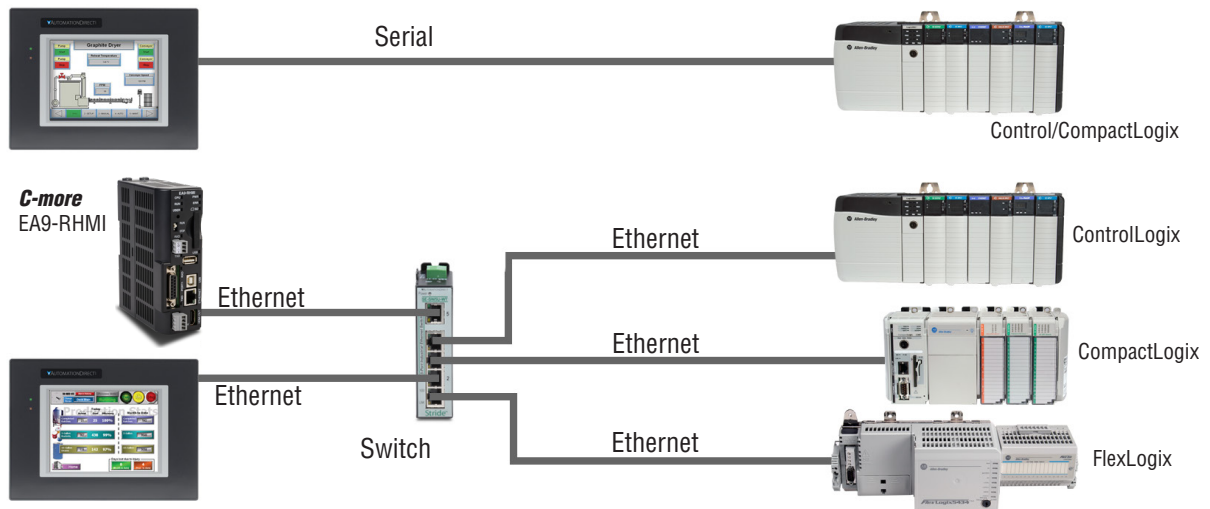
1. Import the tags from RSLogix 5000 (.L5K file).
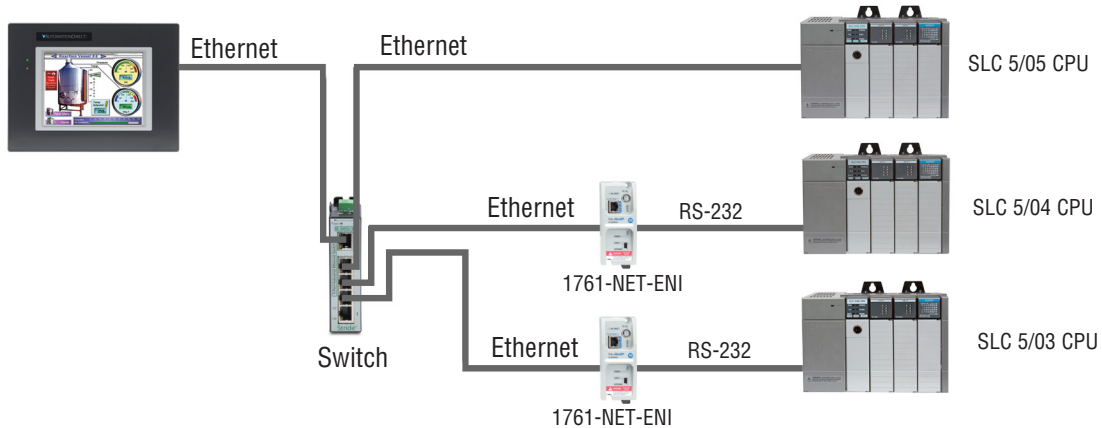
ControlLogix, CompactLogix and FlexLogix

Connect to ControlLogix, CompactLogix and FlexLogix PLCs using either the native serial port or Ethernet port/module. Use direct tag-based messaging or directly enter the ControlLogix/CompactLogix PLC tags during *C-more* configuration (no mapping or translations required). You can connect multiple *C-more* HMIs to multiple PLC types on one network.

Serial — Control/CompactLogix

C-more
EA9-RHMI

Ethernet — ControlLogix

Ethernet — CompactLogix

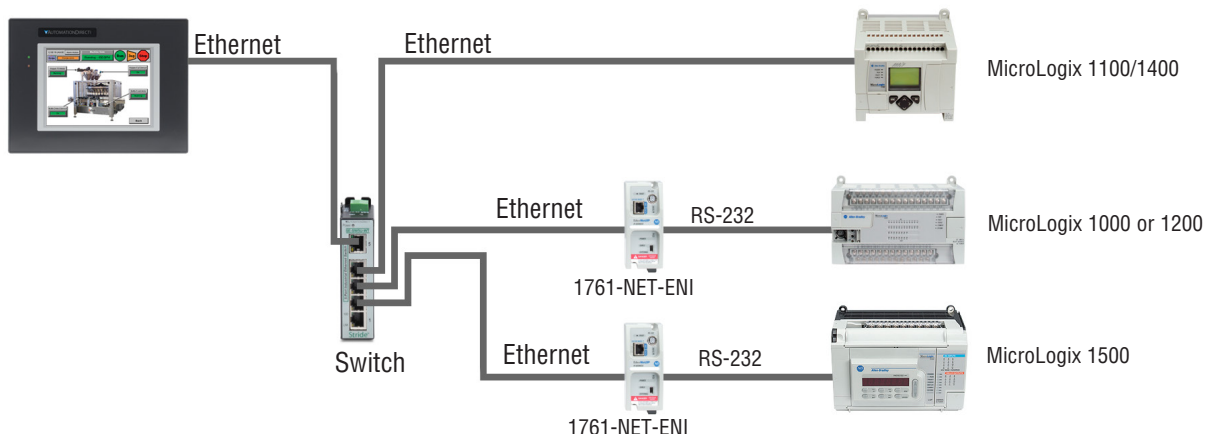Ethernet — FlexLogix

Ethernet / Ethernet — Switch

SLC 500 Ethernet and ENI Driver

Connect to the native Ethernet port on SLC 5/05, and to SLC 5/03 and SLC 5/04 through a 1761-NET-ENI DFI serial-to-Ethernet converter.

Ethernet / Ethernet — SLC 5/05 CPU

Ethernet / RS-232 — 1761-NET-ENI — SLC 5/04 CPU

Ethernet / RS-232 — 1761-NET-ENI — SLC 5/03 CPU

Switch

MicroLogix 1100/1400 Ethernet and ENI Driver

Connect to the native Ethernet port on MicroLogix 1100/1400, and to MicroLogix 1000, 1200 and 1500 through a 1761-NET-ENI DFI serial-to-Ethernet converter.

Ethernet / Ethernet — MicroLogix 1100/1400

Ethernet / RS-232 — 1761-NET-ENI — MicroLogix 1000 or 1200

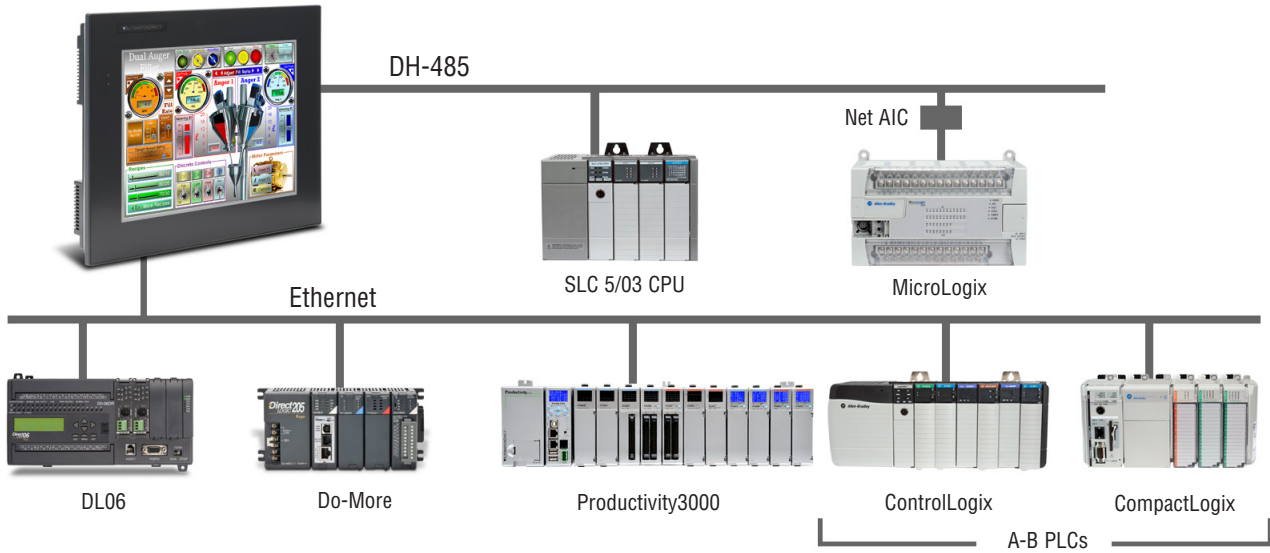Ethernet / RS-232 — 1761-NET-ENI — MicroLogix 1500

Switch

Simultaneous Communications and Panel Pass-through
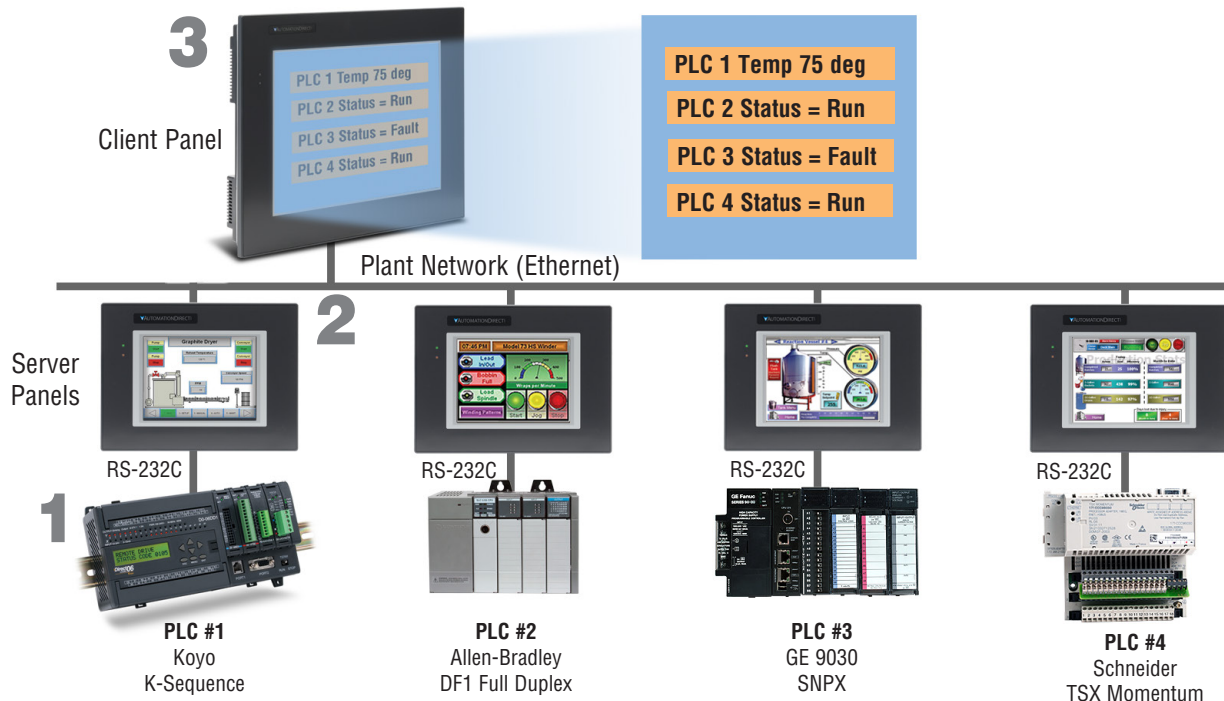
Connect multiple brands of PLC/PACs

Connect multiple brands of PLC/PACs to *C-more* and communicate with them simultaneously. Use the Event Manager to periodically send tag values from one controller to another or when certain conditions are met.

C-more can even act as a "protocol bridge", passing values back and forth between PLC/PACs that use different protocols.

DH-485

Net AIC

SLC 5/03 CPU

MicroLogix

Ethernet

DL06

Do-More

Productivity3000

ControlLogix

CompactLogix

A-B PLCs

Panel pass-through

C-more panels can access data from supported controllers attached to other *C-more* panels via an Ethernet connection.

3

Client Panel

PLC 1 Temp 75 deg
PLC 2 Status = Run
PLC 3 Status = Fault
PLC 4 Status = Run

PLC 1 Temp 75 deg

PLC 2 Status = Run

PLC 3 Status = Fault

PLC 4 Status = Run

Plant Network (Ethernet)

2

Server Panels

RS-232C

RS-232C

RS-232C

RS-232C

1

PLC #1
Koyo
K-Sequence

PLC #2
Allen-Bradley
DF1 Full Duplex

PLC #3
GE 9030
SNPX

PLC #4
Schneider
TSX Momentum

1 Each PLC is operating a seperate application and is connected to a *C-more* panel through a Serial Connection.

2 Each *C-more* is configured as usual. When the client panel is configured, the server panels will pass through data from the PLCs to the client.
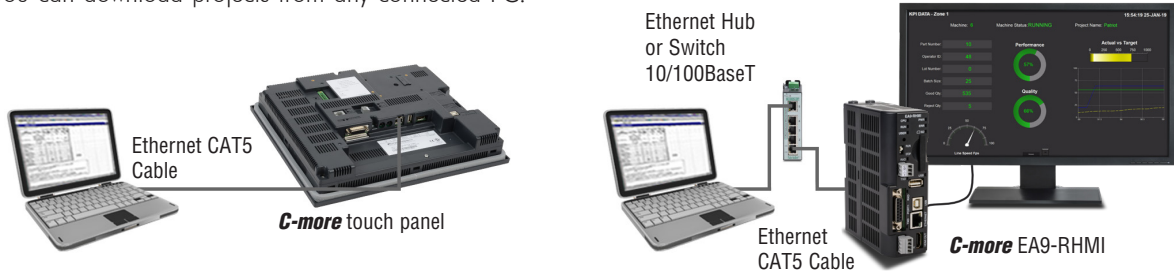
3 The *C-more* client panel is configured to display the data collected from each PLC connected through a *C-more* server panel.

more — Built-in Convenience...
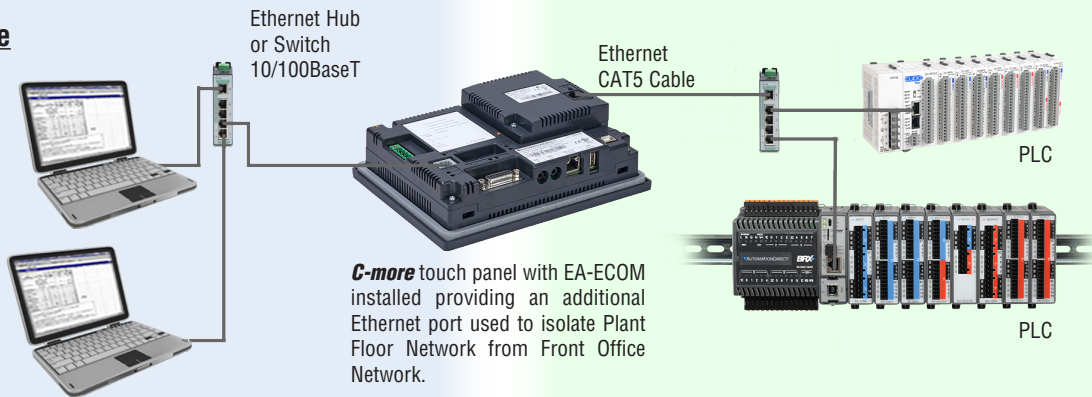
Network connections

C-more HMIs with Ethernet capabilities can be programmed via the built-in Ethernet port (the EA9-T6CL-R model does not support Ethernet). Connect directly from a PC to the *C-more* HMI, or connect one or more *C-more* HMIs to your plant network (via switches and routers). With *C-more* on the plant network, you can download projects from any connected PC.

Use the network connection to upload alarm history, PLC/PAC log data or screen captures to a connected PC. *C-more* can send e-mail, based on events or PLC/PAC alarm conditions (if connected to a network and an SMTP (Simple Mail Transport Protocol) server).

Ethernet CAT5 Cable

C-more touch panel

Ethernet Hub or Switch 10/100BaseT

Ethernet CAT5 Cable

C-more EA9-RHMI

Front Office

Ethernet Hub or Switch 10/100BaseT

Ethernet CAT5 Cable

Plant Floor

PLC

PLC

C-more touch panel with EA-ECOM installed providing an additional Ethernet port used to isolate Plant Floor Network from Front Office Network.

C-more programming software with Internet connection

You can program your *C-more* HMI remotely via the Internet. All you need is a Public IP adress assigned to the *C-more* and a network that is accessible from the Internet.

Internet
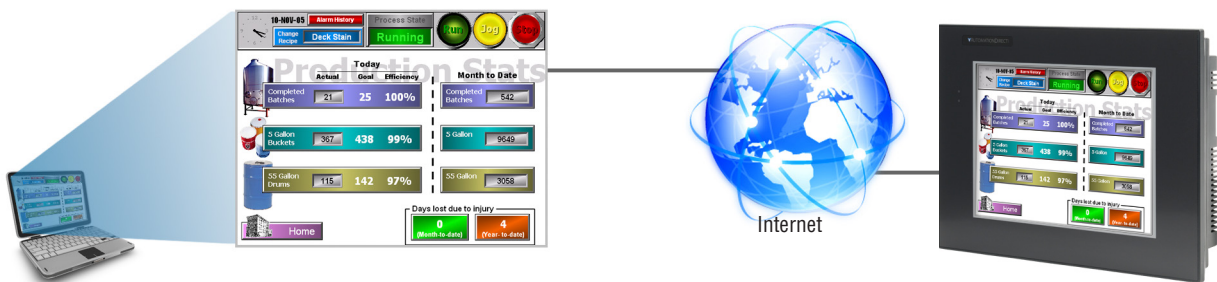
USB programming

For convenient programming, use a standard USB cable between your *C-more* HMI and your PC. No baud-rate, parity, or stop bit settings to waste your time. USB is fast; most projects download in seconds. Don't pay inflated prices for proprietary programming cables! USB cables are inexpensive (we sell 'em!) and are readily available so you won't waste time looking for a special cable when your million-dollar operation is down.

C-more panel

USB-CBL-AB15

USB