

# Internet based technologies *FactoryCast embedded web server* for Premium & Quantum



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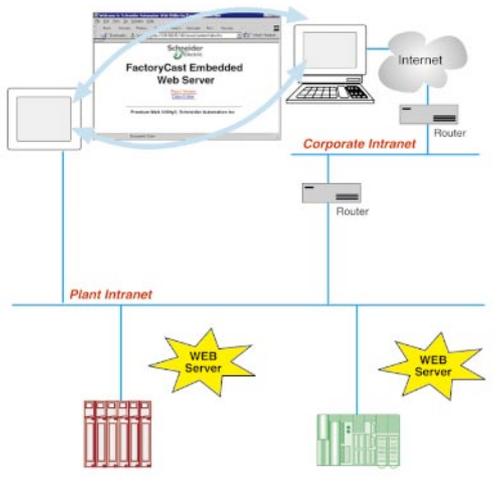
FactoryCast from Schneider is an innovative approach to browser based access for PLC data.

This innovative solution consists of industrially hardened Premium and Quantum family modules with embedded web functionality plus software to customize the browser windows.

As part of the Transparent Factory™ suite of web-enabled products, FactoryCast puts you closer to the factory floor than ever before, no matter where in the organization, or in the world, you happen to be.

# FactoryCast

Innovative approach for browser-based access to PLCs



## What is it?

**FactoryCast** is a Premium or Quantum module that provides two key communication functions: 1) it has an embedded HTTP (Hyper Text Transfer Protocol) server, and 2) Ethernet TCP/IP connectivity. Additionally, it has its own memory and file system for delivering real-time data to the Web.

Web functions include access to the controller's web page with standard browsers plus the ability to log into pre-configured device diagnostics, I/O configurations, on-line data templates and library tools.

**FactoryCast** allows additional flexibility for the plant engineer to create web-enabled data from Premium or Quantum PLCs, customize security, add HTML user screens with data access, and add HTML screens that can hyperlink to other references for system users.

## Who is it for?

Anybody who needs real-time access to plant floor data for diagnostics, system health or maintenance.

### Inside the Plant

- Production Management
- Maintenance Personnel
- Plant Engineer

### Outside the plant with access through the firewall

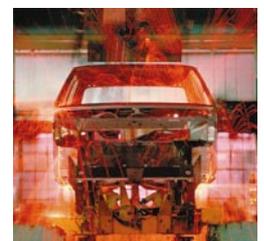
- Support Personnel
- Trusted Vendors
- Remote Maintenance

## Why use it?

FactoryCast provides better support and response due to quick browser-based access to device diagnostics and system health.

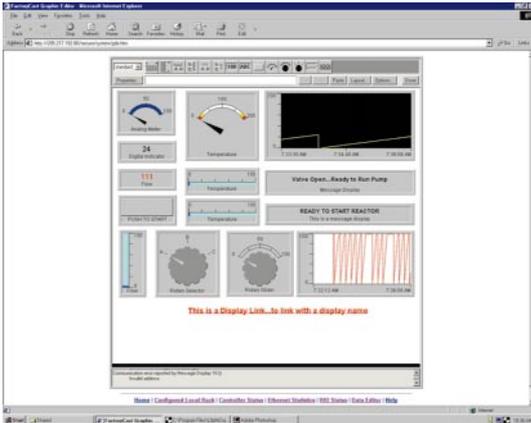
Plus, it gets the right data to those who need it via secured hyperlinks to other servers for more complete reference information, such as machine drawings and procedural instructions.

With FactoryCast, you can create HTML screens specifically for individual users' needs.



# FactoryCast

Leverage information,  
deploy open technology,  
and reduce costs



## Easy access to information

With FactoryCast, you can obtain quick and easy access to PLC data with a complete library of built-in online Data Editors and Templates. In addition, you can choose to customize your own HTML pages to get better control of what is accessible and how it is viewed.

## Hyperlink to other data sources

Another way to customize your server is to hyperlink your site to other web servers for online access to documentation, maintenance tables, or production monitoring and reporting records.

## Reduces costs

Preconfigured web pages eliminate the need to develop troubleshooting and diagnostic tools. Your PLC server is up and running with minimal effort. FactoryCast serves multiple communication needs with an HTTP server and Ethernet TCP/IP connectivity.

## Deploy open technologies

Open technologies offer many benefits. Standardized communications mean your control network and business systems can finally work together, and require less training due to the use of familiar web browsers.

Use standard Ethernet to connect controller websites to the plant Intranet, the corporate Intranet, or anywhere in the world you choose to make your sites accessible.





# FactoryCast

Embedded web server and configuration software specifications

	Quantum Embedded Web Server	Premium Embedded Web Server
<b>Embedded Web Server and Software</b>	P/N: 140 NOE 771 10 Quantum Embedded Web Server Module with Ethernet TCP/IP, 10/100 BaseT Twisted Pair, and 100 BaseFX Fiber Optic	P/N: TSX ETY 110 WS Premium Embedded Web Server Module, 10 BaseT Twisted Pair, AUI and Software
<b>Customizable Memory Available</b>	8 MB	1400KB
<b>User Manuals</b>	P/N: 840 USE 116 00 Quantum Embedded Web Server Module User Guide  P/N: 890 USE 152 00 v2 Software Users Guide	P/N: TSX DR ETH Ethernet Reference Manual  P/N: TLX DS COM PL7 (part of TLX DOC PL7 30) PL7 Software, Communication Book  P/N: TSX DM 57 2: Volume 3 Installation. Communication, Bus and Network Interfaces  P/N: TLX DI XIP M: Driver XI  P/N: 890 USE 152 00 Software Users Guide
<b>Application Tip:</b> To use Factory-Cast software with direct address reference to PLC data, the CPU can be programmed with the following software:	ModSoft v. 2.62 and higher Concept v. 2.1 and higher Proworx v. 2.10	PL7 v. 3.0 and higher
<b>Application Tip:</b> To use Factory-Cast software with symbol references to PLC data, symbols can be shared with the following software:	Concept v. 2.1	PL7 v. 3.0 and higher
<b>Minimum Requirement for Software</b>		
CPU:	Pentium 200 MHz	Operating systems: Windows 95/ 98/ NT 4.0, and Java Enabled Web Browser - Netscape Navigator v. 4.06 or Microsoft's Explorer 4.0 with service pack 1.
Monitor:	SVGA 800 x 600	
CD-ROM:	4X CD	
Memory:	32 MB (Note: 40 MB required on Hard Drive)	