

Power RICH System – Enterprise Edition

Everything you need in a power and facility monitor and control system



Power RICH System®

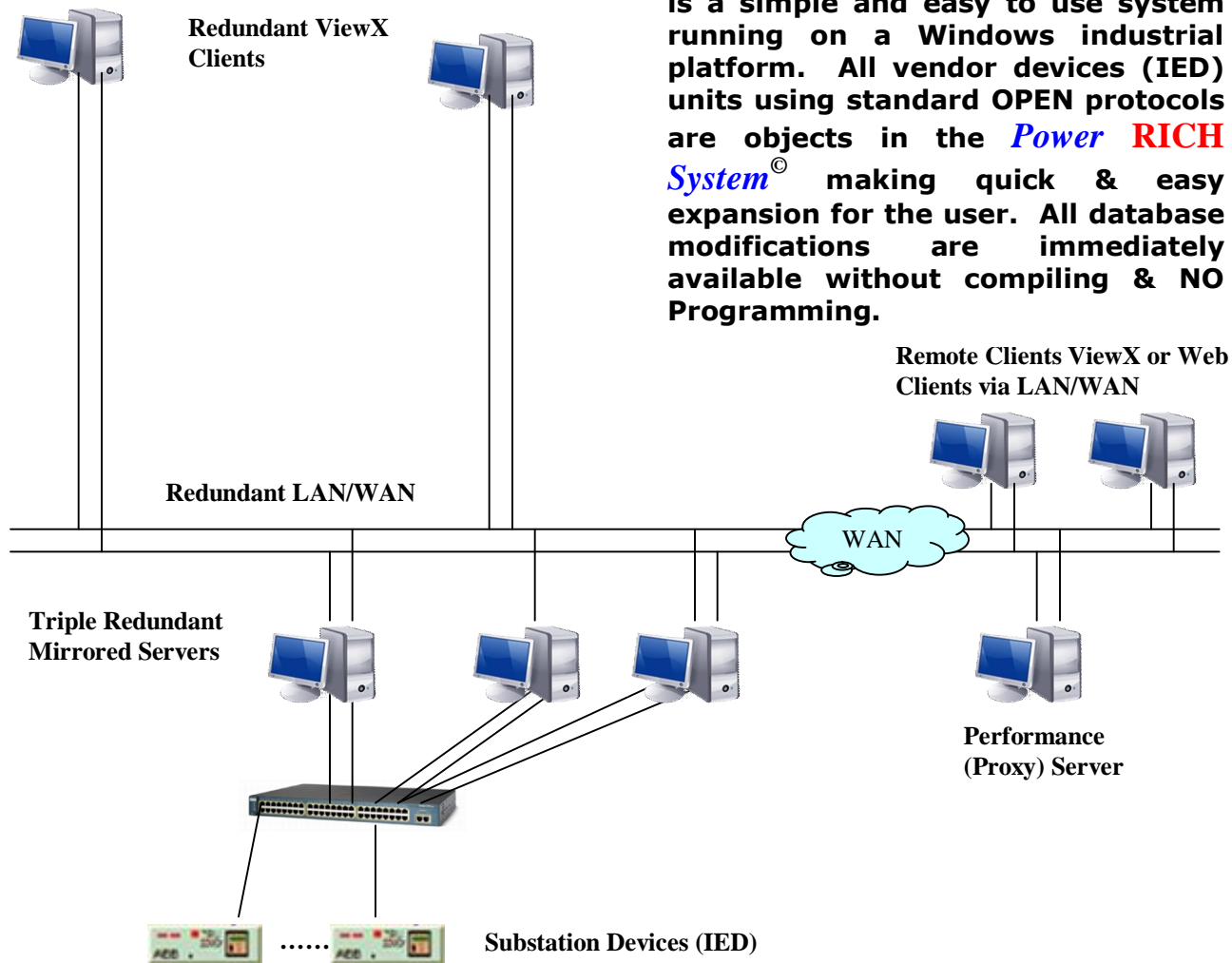
A Data Solution Provider



A Can Do System

Simple easy to use system

The **Power RICH System[®]** (PRS-EE) is a simple and easy to use system running on a Windows industrial platform. All vendor devices (IED) units using standard OPEN protocols are objects in the **Power RICH System[®]** making quick & easy expansion for the user. All database modifications are immediately available without compiling & NO Programming.



Power RICH System[®] offers high system Reliability through:

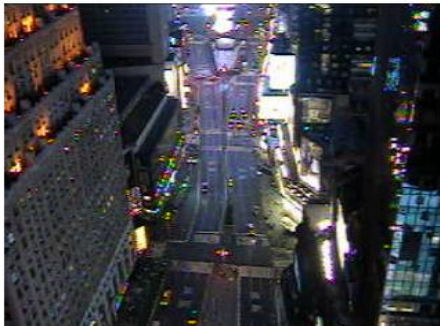
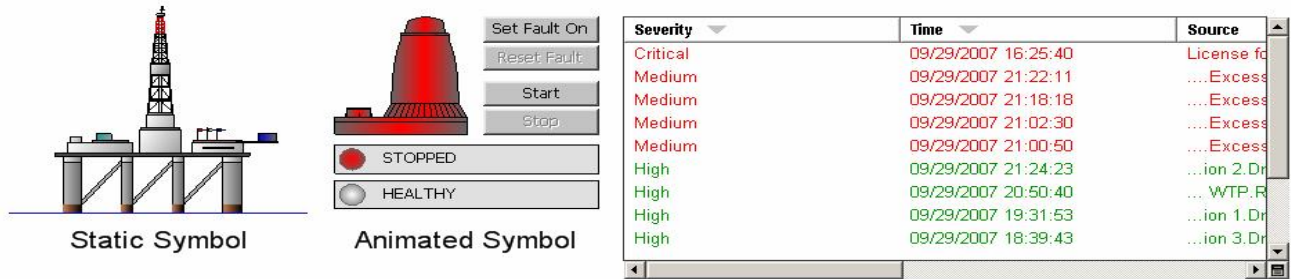
1. Redundant Clients
2. Redundant LAN and communication links
3. Dual, triple or even quad mirrored redundant servers
4. All Real-time data, Configuration, Communications, History, Alarms, Events, and Reports are Mirrored on all Redundant Servers. Online Changes with no compiling to shutdown the system
5. NO PROGRAMMING REQUIRED!

Power RICH System[©] Features

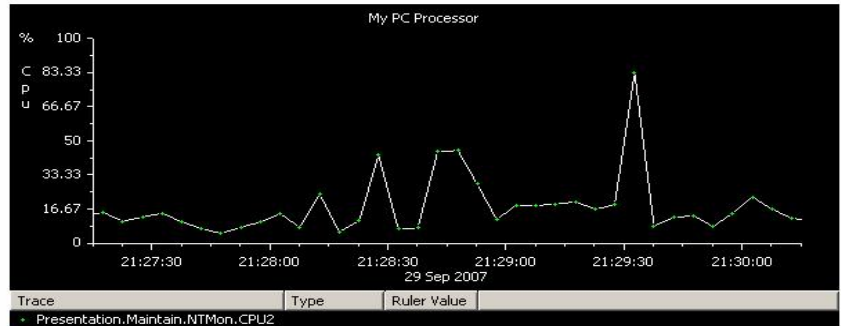
- The *Power RICH System*[©] is an Object-Oriented Power Monitor & Control System with pre-build Objects of power devices (IEDs)
- Triple Redundant – All data is Mirrored on Servers
- Integrated Development Environment (IDE)
 - Multiple engineers can on the system work at the same time – Online changes without compiling
- Scalable Object-Oriented Architecture provides incremental expansion
- Built-in Report Generation - Uses industry standard Crystal Reports Runtime
- Alarm Redirection - allows for advanced alarm management (Email, Text Messaging, Severity Level Changes)
- Built-in Historian
 - All data is time-stamped with 100ns of resolution and Stored based on change and or time
 - Years of online data available - only limited by disc-space
 - Historian files are easily archived and restored
- Connectivity to other systems
 - ODBC, SQL, OPC allows two-way access to other systems.
- Built-in Web Server - No Microsoft IIS for Web Clients required
- Based on Open Standards - protects the customers investment
 - Standard protocols, OPC, OLE/DB, ODBC, HTTP, XML, DNP3 & Modbus
 - ALL media links supported, includes serial, LAN/WAN, radio & PSTN
 - Component-Object architecture allows reusable application objects– PRS Devices
 - Configured at object level & based on user-access levels and object permissions
 -
- Complete Systems **start at \$10,000** including hardware and startup.



Embedded objects are easily done in the **Power RICH System**®



Live Video of Times Square, NY



Embedded trend graph

Sample of Supported Devices

ABB INC	SEL	GE	ICMI	SATEC	COOPER
All 2000 Series + MSOC & REF542+	All devices	All devices	All devices	All devices	All devices
Siemens	Sixnet	CMI RTUs	Cutler-Hammer	Beckwith	Qualitrol
PLC & Selected relays	All devices	All devices	All devices	LTC & 3425	All devices
Alstom	Doble	Basler	Electro Industries	Sq D & PML	Future
Selected Relays & meters	IDD units	Most all devices	All devices	All devices	As required

Power RICH System® is a Data Solution Provider meeting the needs of customers in the Utility and Industrial markets for over 13 years. Our Technical Support is 24/7 to all of our customers. Please check our Web Site at www.PowerRICHsystem.com for details or contact our Product Manager, Dr. Jay Park at drjpark@powerrichsystem.com

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