

Introduction

TrueNorth is a monitor and control solution built on Newpoint Compass Server technology that takes advantage of the processing power and reliability of the best data management server in the market while dramatically simplifying the configuration and setup experience.

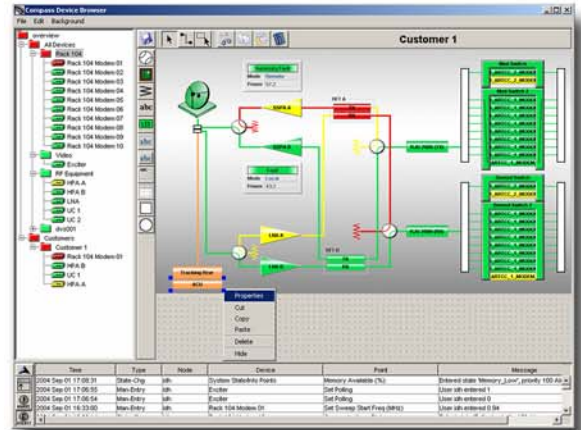
TrueNorth was designed to eliminate the non-recurring services and difficulties associated with deploying and maintain monitor and control solutions. With the release of TrueNorth, Newpoint is introducing a complete monitor and control solution with new software applications for configuration management, system modification and operator access.

These applications combined with innovative pricing and service programs bring unprecedented flexibility, decreased cost of ownership, and rapid return on investment to TrueNorth users, and channel partners. True North eliminates the long history of complicated drawing and configuration tools, changes the industries option pricing model to make pricing simple and predictable, and eliminates the engineering expenses and steep learning curves associated with deploying and maintaining traditional solutions.

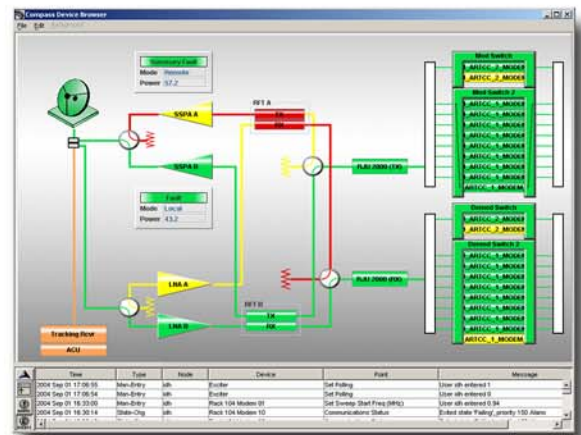
In fact, TrueNorth is so easy to use, we will configure the solution for your application and include device drivers at no additional cost.

Operate Anywhere

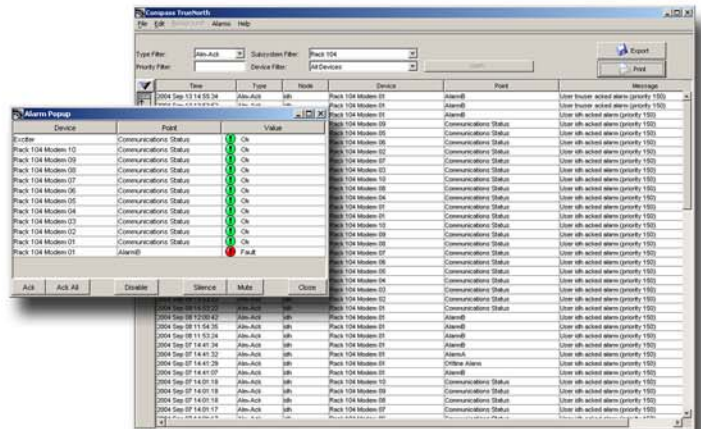
TrueNorth is delivered with an “operate anywhere” management console. To access the system, simply direct a web browser to the server. Once logged in, you will have complete access to the management console to monitor and control equipment, change displays, add devices, and perform configuration modifications. The management console seamlessly integrates the many different applications of the traditional systems (screen editors, alarm viewers, operator consoles, service managers) into one web accessible application.



Management console in configuration mode. Access to configuration mode is provided with the click of a mouse for authorized users, changes are immediately active



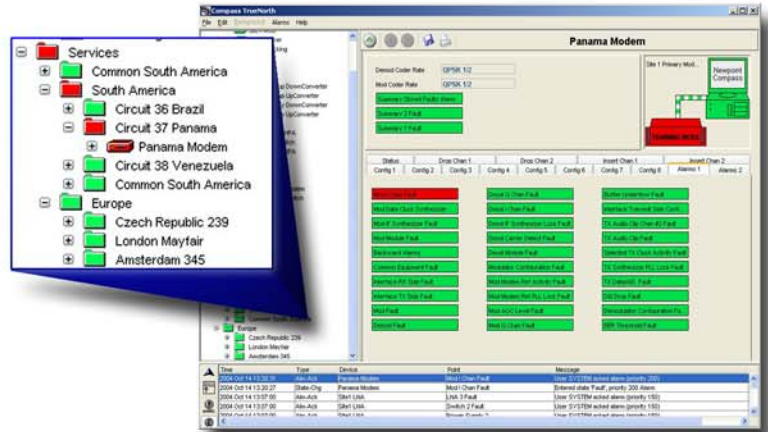
Management Console shown with equipment tree view, central operations viewing area and alarm window



Alarm & Event Viewer with Popup Alarm. Alarms can be sorted, filtered and easily exported to other applications.

Manage Services Reliably

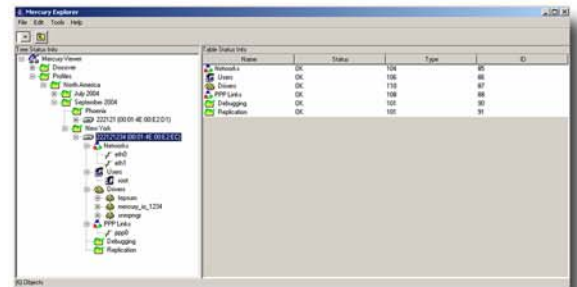
Managing services has always been difficult using traditional systems. Determination of service impacting alarms could take hours. TrueNorth eliminates this problem. Integrated into the management console is a complete service management architecture which enables you to create services on the fly and add the equipment associated with those services in a simply cut and past operation. In the event of an alarm, operators can quickly identify impacted services and resolve the problem.



Management console shown with example services configuration. An alarm in the modem is summarized in the services folder.

Manage Software Configurations, Users, and Changes Confidently

In today's changing environment and pressure on information technology administrators to manage more computers and software with less resources. Configuration management of monitor and control systems has become a significant challenge. IT staff are increasingly pressured to manage more computers, software, networks, users, and software configurations with fewer and fewer resources. Most existing solutions on the market don't address IT management at all. Simple tasks such as user management, become difficult and create potential security holes when operations employees leave. TrueNorth has a new configuration management module that provides administrators with the ability to uniformly manage users across multiple installations, copy and restore system configurations with a mouse click and automatically configure network parameters including LAN/WAN and PPP properties. The TrueNorth configuration manager significantly reduces the costs associated with maintaining a monitor and control systems and contributes to a lower cost of ownership when compared to traditional solutions.



TrueNorth Configuration Manager shown with detailing the configuration of a mercury unit.

TrueNorth and Mercury

A true differentiator.

Combine TrueNorth with Newpoint Mercury, Newpoint's integrated hardware platform, and you get a "all in one" fully licensed and operator accessible monitor and control system in a box. A true differentiator, Newpoint Mercury and TrueNorth is the only monitor and control appliance on the market and combines the best hardware solution with the latest and greatest in software tools to streamline monitor and control integration and setup. Simply mount mercury in the rack, connect the equipment and browse to the unit for configuration. Configuring a TrueNorth and Mercury system is so easy that Newpoint will even do it for you, just put the unit in the rack and give us a call!



MERCURY ELEMENT MANAGER

- Flash mass storage (Hard Disk is Optional)
- Up to 17 Serial ports, (232, 422, 485)
- 3 Serial ports (232)
- 2 USB ports
- Watchdog timer
- Network Time Synchronization
- 400 MHz X86 Processor
- Monitor Port
- 3 Network Ports
- 7 TTL Inputs
- 6 TTL Outputs



MERCURY REMOTE SITE MANAGER

- Flash mass storage
- 1 Serial port, (232, 422, 485)
- 3 Serial ports (232)
- 2 USB ports
- Watchdog timer
- Network Time Synchronization
- 400 MHz X86 Processor
- Rack Mount Kit Optional
- Monitor Port
- Network Port

Mercury comes pre-installed with TrueNorth to provide the only all-in-one monitor and control appliance on the market.

Additional Features

In addition to these innovative new capabilities, Newpoint TrueNorth, built on Compass Server Technology, includes all the expected features and capabilities of an enterprise monitor and control solution:

Connection Manager	Easily configure primary and multiple backup communication links between sites using any combination of LAN/WAN, dialup, satellite, or Internet.
Trending and Archives	Log critical data later analysis using the graphing package or import data into other applications. Great for service level agreements.
Replication	Take advantage of complete management capabilities over slow/hi-latency network links without degradations in performance.
Networked Serial Protocol Analyzer	Troubleshoot serial communications to new equipment from anywhere on the network.
Security	Configure user privileges and prevent unauthorized access to equipment data and configuration.
Visual Driver Development Tools	Build new serial interfaces without writing new software. Graphical environment provides point and click serial device driver development.
Scripting	Create intelligent applications that can perform tasks such as redundancy switching independent of operator input.
Scheduling	Schedule scripts to execute at designated times. Automatically configure equipment based upon scheduled events.
Paging and Email	Notify operations personnel of alarms as they occur.
SNMP Agent	Report failures and equipment status to northbound management systems via SNMP.
SNMP Management	Transparently monitor and control SNMP equipment without building custom interfaces.

First Class Services

- 24/7 Technical Support
- Web based support issue notifications
- Device drivers
- System configuration services
- Training
- Software upgrades.

Supported Platforms

- Newpoint Mercury – TrueNorth is available as a network appliance pre-installed and configured on Newpoint Mercury.
- Windows XP, 2003 – TrueNorth server can be installed on any system running Windows XP or 2003. Access to the Unified Operators Console is accessible from most any operating system in a web browser.
- Embedded – TrueNorth can be embedded in hardware platforms as required to meet customer requirements.

Value Added Resellers

If you are an equipment manufacturer, distributor, or systems integrator be sure to contact us about our innovative partner programs. The TrueNorth partner programs have been specifically designed to meet the logistical and commercial needs of VARs.