

## 1 Features:

- Web Browser Interface
- SNMP
- Real Time
- Local Logic
- Compass Server Inside
- Local Intelligence
- Data Replication
- Flash mass storage
- Up to 17 Serial ports, (232, 422, 485)
- 3 Serial ports (232)
- 2 USB ports
- Watchdog timer
- Network Time Synchronization
- Remote Spectrum Analyzer Support
- Extensive Driver Library
- Centralized Administration
- 400 MHz X86 Processor



**NEWPOINT MERCURY** is a self contained Universal Element Manager that manages local and remote networks. Packaged in a 2U high rack mount unit, Mercury contains a fully functional version of Newpoint Compass software, packaged in a one or 2U rack-mount enclosure. Available configurations include Flash Memory or a Hard Drive. The base-unit includes four serial ports, and is upgradeable to twenty ports for managing serial equipment. Mercury is also fully capable of transmitting and receiving SNMP traffic. Communicating to the Network Operations Center (NOC) can be via PT&T dial-up connection, leased line, satellite overhead channel, LAN or WAN. Dial backup is provided for LAN and WAN applications. A front panel 10BaseT control port is provided for interfacing to a laptop computer operating Compass View.

Mercury includes a revolutionary feature called Data Replication for communicating back to the NOC. This features allows LAN type performance over low bandwidth satellite links and maximizes available user traffic.

Mercury includes an Intelligent Proxy Agent function that converts protocols from proprietary format to SNMP protocol. Mercury includes a fully capable Scripting utility that allows the development of derived variables, local reports, schedules, phone home on alarm routines and many other functions. Real-time and historical data from Mercury are available via the Internet to Compass Enterprise or other Network Management Systems. Centralized System Administration software is provided with the unit.

Each Mercury unit includes an Alarm, Event and Trends database. Locally administration can be accomplished by plugging a laptop into the front panel port of the unit.

A Visual Driver Studio is available for development of custom drivers.

Mercury offers complete support for HP Spectrum Analyzers via low (32 kbps) bandwidth connections.

**ENVIRONMENTAL SPECIFICATIONS:**  
 Non-operating temperature limits (-40C to 70C)  
 Non-operating humidity limits (8 to 80%)  
 Operating altitude limits (0 to 10000M)  
 Non-operating altitude limits (0 to 12000 M)