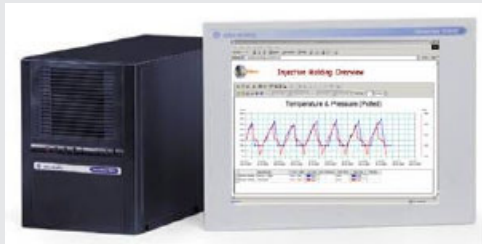


# Package SIGMA™ NE Solutions

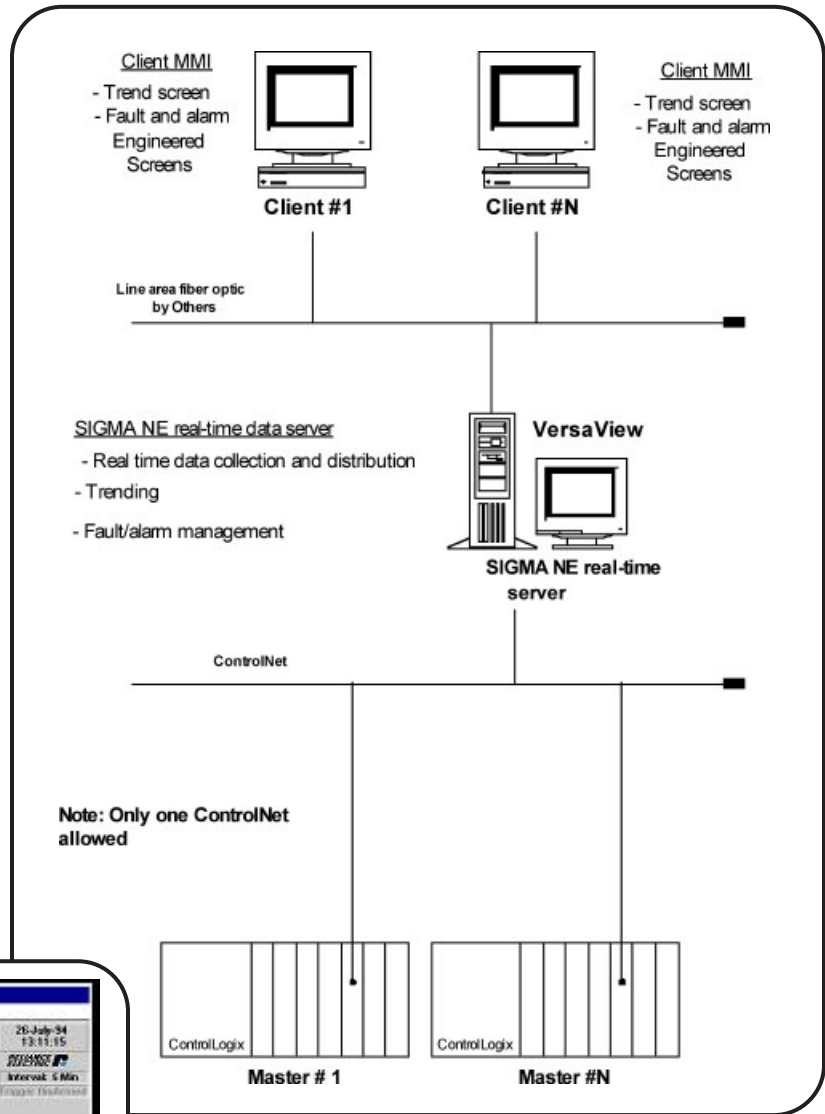
## (Standard Client/Server)

The SIGMA™ NE Universal Operator Interface and Universal Process Monitor Systems are engineered operator interface solutions which integrate data acquisition, supervisory control and information management into one comprehensive package. SIGMA™ NE server is based on the Allen-Bradley VersaView™ industrial computer running a dedicated iRMX operating system.

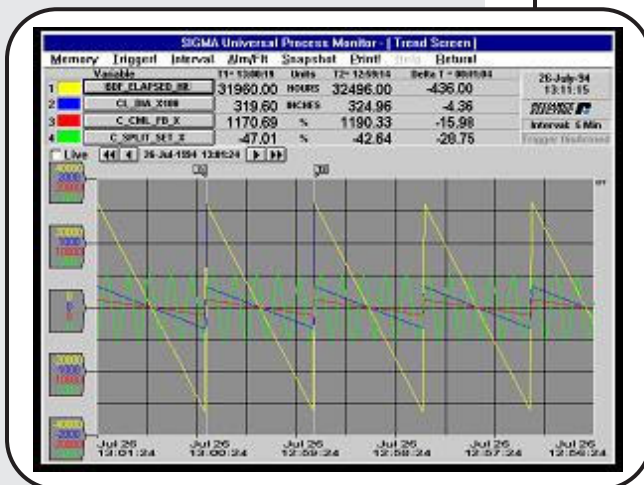


Allen-Bradley VersaView™

The SIGMA™ NE Server is the only computer in the system which connects directly to the drive control system using one or more Communication Interface cards (depending on the number of networks to be monitored). SIGMA Clients do not connect directly to the control network. Rather, they connect to the SIGMA Server over an Ethernet or fiber backbone, and send real-time data back and forth using this connection.



Real-Time and Historical Trending



## Functional Features of SIGMA™ NE

Universal Process Monitor software simplifies maintenance and troubleshooting by providing:

- Historical Recording of Alarms, Faults, and Operator Actions
- Real-Time and Historical Trending

Universal Operator Interface software provides diagnostics and control by providing:

- Drive Diagnostic Conditions
- Drive Overview screens that display each drive's load, speed, and status in either digital or bar-chart format
- Line Run Permissive screens that list all drives, auxiliary and other associated equipment required to start the line or process
- Section Control screens that let the operator start/stop, jog, thread and adjust individual drive operating set points
- Recipe Manager screen that lets the operator view, modify, enter or capture set points for the production process
- Recipe Editor screen that lets the operator create, store and modify operating recipes which are used by the Recipe Manager to control the production process

Also the UOI system software may provide application-specific screens for:

- Displaying a process overview and its various parameters
- Tracking a product's position as it passes through the production line.

## Standard Features for SIGMA™ NE

- Server
  - Allen-Bradley VersaView™ 1.2GHz Pentium Computer
  - Dedicated IRMX Operating System
  - Communications Choices
    - Single DCSNet
    - Single ControlNet
    - DCSNet and ControlNet
    - Two DCSNet
  - CD-ROM
- Client(s)
  - Dell 1GHz Pentium Class Computer
  - WIN 2000 Operating System
  - 19 in Monitor
  - Dot Matrix Printer

Contact: Rockwell Automation/Local Drive Solution Center, Allen-Bradley Distributor or your Local Rockwell Automation Sales Office.

VersaView and SIGMA are trademarks of Rockwell Automation.

[www.rockwellautomation.com](http://www.rockwellautomation.com)

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