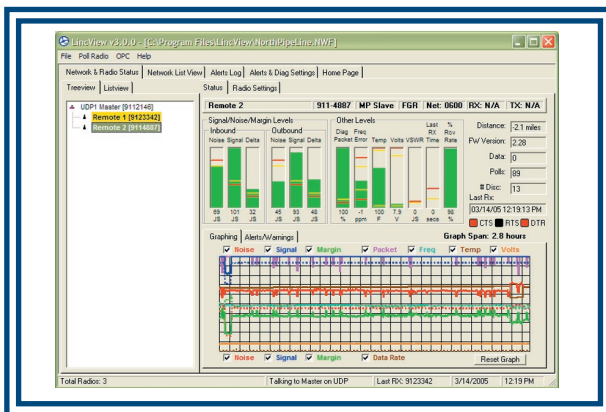


LincView™ OPC

ENHANCED DIAGNOSTICS UTILITY



LincView™ OPC (OLE for Process Control), Data-Linc's enhanced diagnostics/management software, allows the monitoring and control of networks utilizing wireless SRM Family modems. *LincView* OPC is particularly suited to troubleshooting and analyzing the performance of RF links in large SCADA networks, saving time and increasing confidence in the network's reliability.

Taking advantage of internal improvements in the SRM family of wireless Ethernet and serial modems, Data-Linc's latest diagnostic option *LincView* OPC is a new user interface with an internal OPC server.

LincView OPC Software is compatible with most Data-Linc SRM serial and Ethernet radio modems, runs on a PC with Windows® operating system and provides essential information for each modem in the network.

The *LincView* OPC user interface displays real time dynamic diagnostic information both graphically and textually, as well as simultaneously with normal network use. This same diagnostic information can be viewed as tags in your familiar OPC browser and utilized in OPC enabled applications. *LincView* and/or your HMI can provide diagnostic alarm, log, trend and archive services.

(continued on next page)

FEATURES

- Simplifies monitoring and control of large, complex networks
- Offers OPC server capability
- Graphically displays view of entire wireless network
- Provides programmable warning/alarms with logging
- Displays both ends of all RF links
- Supports multiple radio networks
- Timestamps last communication
- Delivers historical graphing of key statistics and values
- Allows re-configuration of each network modem (RF link must first be present)

LINCVIEW OPC KIT



In other than UDP communications, *LincView* OPC requires the DB9 diagnostic port option on the Master radio. The field installable kit includes the DB9 port for either Ethernet or serial interface with all necessary hardware and the *LincView* OPC software. (Installed and components shown.)

(CONTINUED)

Information is provided for each radio including a tree view of network topology. Examples of typical parameters include environmental (temperature, voltage), RF (signal and noise levels at each end of the RF path, percent receive rate, frequency drift), data performance (bytes sent or received, receive rate), and informational (time since last response). Units can be English, Metric, dBm, J-units, Celsius or Fahrenheit as appropriate. Additionally, from *LincView* OPC's user interface, each radio can be named and its configuration parameters viewed or modified.

LincView OPC communicates with the network's Master radio using RS232, UDP, or TCP/IP (via a terminal server), as selected by the user. *LincView* OPC, the OPC client, and the radio network can be located at or on the same PC or at great distances from each other. Additionally, *LincView* OPC supports multiple radio networks via multiple sessions.

LincView OPC, provided on CD, installs on Windows 98, NT, 2000, and XP based computers. Newer Data-Linc SRM6xxx series 900MHz band radio modems with firmware version 2.xx and greater or 2.4 GHz modems with firmware version 3.xx and greater are required. When necessary for RS232 diagnostics, Master radios can be ordered with an optional diagnostic port or purchased separately for field installation.



Call Data-Linc Technical Support at 425-882-2206 for more details.

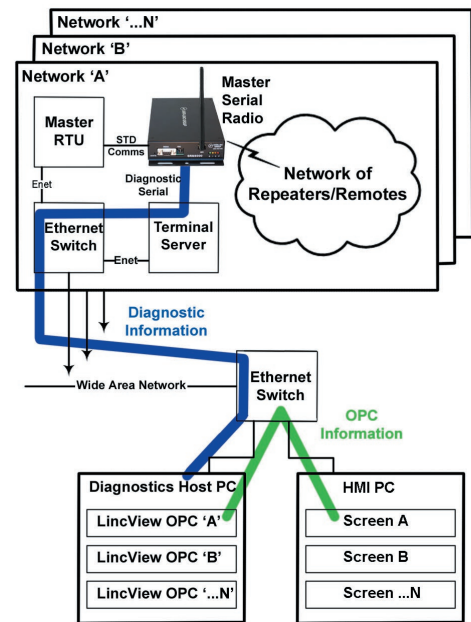
APPLICATIONS

LincView OPC is ideal for large, complex networks. It is able to provide real-time information about not only the integrity and function of the RF network but about the application operation as well. Current installations include large RF networks in the water/wastewater, gas pipeline and water collection, pumping and storage industries. For small networks, *LincView* OPC is also an outstanding utility that allows collection of vital information for network analysis and trouble-shooting. Contact Data-Linc for the further information regarding this powerful network management program.

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LINCVIEW OPC NETWORK

LincView™ OPC Customer Network



One of many approaches to *LincView* OPC use

This Customer Network diagram shows the communication path of an actual installation. The long line represents the connection between *LincView* OPC and the radio modem using TCP/IP. The shorter line indicates the exchange of remote OPC data between *LincView* OPC and the HMI which can be at great distances.

The diagram also indicates the ability to expand a system to a large number of radio networks, limited only by available resources.

ALLIANCE PARTNERSHIPS



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