VXvue™

net™
Network Equipment Technologies

VXvue

VX Series Management System

- Comprehensive toolset for element configuration and management
- Efficient deployment, management, and maintenance of VX Series product family
- A broad range of performance-related data for network monitoring
- Cost effective and cost efficient in saving time and expense
- Displays IP trunks and circuits for easy monitoring of SIP-trunks

DATASHEET:VXVUE

NET's VX Series provides the necessary tools critical to the successful deployment and operation of a VoIP network. The VX Series includes VXwatch™ – a complete, cost-effective VX element management system.

The VXvue package includes:

- VXbuilder™–the GUI-based configuration tool
- VXwatch™–the real-time monitoring tool

VXBUILDER FOR EASY CONFIGURATION

With VXbuilder's intuitive graphical user interface (GUI), VX network administrators and operators can quickly and easily configure an entire network from one central location in real time. The GUI presents a top level view of the entire network, including each chassis, telephony card, channel, and port. VXbuilder allows a network administrator to configure each setting in the VX platform, including trunk groups, IP routing, call route tables, signaling type and manipulation, tone generation, call number translations, and SS7 parameters.

With VXbuilder's cut-and-paste interface feature, complete or partial configurations can be built, online or offline, and configurations can be saved and conveniently downloaded at any time. VXbuilder also permits easy configuration file backup for network settings recovery or replication. The existing or saved configurations are easily imported or exported to newly installed VX nodes for rapid provisioning.

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The VXbuilder application communicates with other VX platforms using NET's powerful VXbuilder configuration protocol. This transport layer secured protocol provides a secure configuration interface into the VX. The application resides on a workstation that can be located anywhere in the network with IP access to the VX nodes.

VXbuilder configuration settings and network parameters are arranged and displayed logically on a Windows-based GUI screen. VXbuilder's point-and-click feature permits quick and easy selection of network devices and channels, along with the settings and parameters by which they will be configured. Specific channel settings can be initiated, or changed, in any number and combination, in a single operation, without changing or interrupting any other aspect of channel configuration.

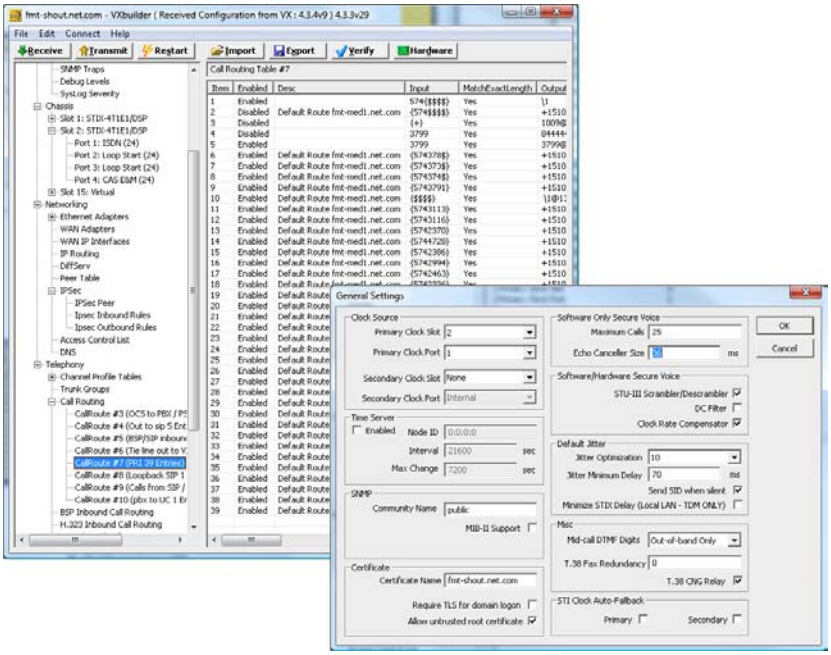
(see figure 1 - VXbuilder, for examples of VXbuilder configuration screens)

VXWATCH FOR REAL TIME MONITORING

VXwatch provides detailed real time monitoring of all call, channel, and alarm activity throughout the VX network, enabling the network administrator to provide timely corrective action as required.

With VXwatch's Windows-based GUI, network administrators and operators can easily monitor network performance and view call data from a single workstation. VXwatch also lets the network administrator view all the channels in a node, trace calls, monitor source to destination call performance, and track network alarms on the port and channel status screen.

Figure 1: VXbuilder



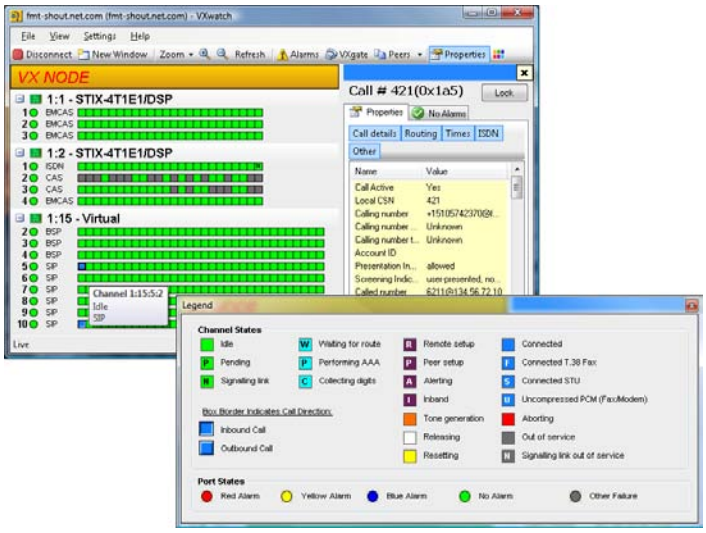
VXwatch displays the type and direction of calls on originating and terminating VX spans. Channels are color-coded on the legend key screen to indicate their current state, making it easy for a network operator to quickly check overall network status.

The VXwatch GUI also makes it easy to monitor call properties. One can simply click on any active call, at any time, to view both the called and calling parties. A call properties screen provides information specific to that particular call (e.g. routing, times, etc.).

(See figure 2 - VXwatch, for examples of the VXwatch monitoring screens.)

The VXwatch application communicates from a workstation with the VX nodes, using a secure encrypted protocol. This sophisticated real-time protocol is more efficient, faster, and provides higher detail than other protocols (such as SNMP), with an added cost advantage of requiring less bandwidth.

Figure 2: VXwatch, for examples of the VXwatch monitoring screens.



WEBSITE: Please visit our website at www.net.com for information on how to contact us, place an order or get more information on NET solutions.

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