VBC – VideoBRIDGE Controller

bridge|tech™

MDI MEDIA WINDOW™

The RFC4445 based MDI Media Window displays content loss and network jitter in a comprehensive "flow" view for correlation and status at-a-glance .

The VBC VideoBRIDGE Controller provides central management of monitoring services. The VBC enables remote control and supervision of all VideoBRIDGE devices. The software is deployed in a standard Linux-based server environment offering powerful and mainstream network access techniques such as SSH, TELNET, FTP, HTTP, SNMP, SYSLOG etc.

The VBC Server provides unprecedented insight into network health and the flow of media streams. This is achieved through aggregation of all alarms and events detected by the Video-BRIDGE IP-Probes coupled with an XML based data gathering scheme.

Complete drill down from top level to the individual IP-Probe is an invaluable fault-finding tool. For the non-technical staff and for managment, easy monitoring of Policy based SLA parameters is supported together with a intuitive thumnail service window. Up to 400 channels can be monitored with the VBC controller. Complete parsing of logfiles and XML based export is also built into the VBC Server.

Multiple browser-based clients can connect to the server through HTTP. Full access control with individual user preferences and setup are included within the VBC Server. Only users with Administrator rights are allowed to define new equipment sites consisting of one or more VideoBRIDGE devices. The individual users are allowed to control already registered devices and to view gathered statistical data on a per site basis, giving fine granular control of data access.

- Element control through HTTP/web
- Real-time channel status
- Secure remote access via VPN or Internet for maintenance tasks
- XML parsing and export of alarms and events
- Hierarchical equipment view
- Multi-level alarm reporting and history
- File-based configuration storage and restoration
- Thumbnail service view
- Configuration profiles and templates

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TECHNICAL SPECIFICATIONS:

Operating system:	Linux (Fedora)
Server hardware specifications:	Pentium4/DualCore
Client web browsers:	Mozilla 1.4 or greater, Explorer 6.0 or greater Opera 7.0 or greater