



Nimbra Vision

Synchronization Network Management for Nimbra TimeNodes

The Nimbra Vision NMS offers easy and cost-efficient synchronization network operations for assuring reliability, availability and security in 5G and critical networks.

Nimbra Vision is a comprehensive network management tool providing a superior overview of the operation of Nimbra TimeNodes. With Nimbra Vision, the operator has control over the time and phase synchronization activity in the network. A centralized network view is key for keeping operating costs to a minimum. Nimbra Vision continuously monitors the synchronization network for faults and performance degradation and presents the network status in a graphical userfriendly interface.

Easy, powerful synchronization management

The Nimbra TimeNode synchronization solution is unique in its ability to work as an overlay to the existing network, bridging PTP gaps as well as handling PTP shortcomings like asymmetries and jitter. Nimbra Vision supports the control and management of the complete Nimbra TimeNode synchronization solution.



Synchronization network monitoring

Network monitoring is performed in real time and continuously for all Nimbra TimeNodes. This offers an instant overview of the synchronization network. The synchronization is disaggregated from the underlying network and enables the operators to take complete ownership of their synchronization even over leased capacity to generate reports for SLA follow up. The performance information can generate alarms for immediate and preventive actions in degraded performance.



Key features

Intuitive Web Management

Nimbra Vision includes a powerful yet intuitive web interface that lets you control the full range of Nimbra Vision functionality.

Auto-discovery of devices

Nimbra Vision automatically discovers most information related to installed nodes such as topologies, interfaces and ports, services and configuration.

Topological device maps

Nodes and links are presented in a dynamic topological map of physical and logical topologies.

Performance Monitoring

Collects PM on synchronization links and from TimeNodes. It is also possible to generate alarms on thresholds.

Technical Specifications

Web client

Browser: Edge (Chromium), Chrome, Firefox, Safari

Nimbra Vision server

Operating system: Windows Server 2012R2, 2016, 2019, Windows 10

Ordering information

NPK0003-S002 Nimbra Vision SDN Controller

NPM0003-DS01 Nimbra Vision SDN Controller Frontend License

NPM0004-0001 Nimbra Vision Installation and Documentation CD

NPM0003-SU01 Nimbra Vision Upgrade License

NPM0003-C301 Nimbra Vision Node License, Nimbra 300 TimeNode

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