

VoIP Readiness Assessment



Is Your Network Ready for VoIP?

Ensuring the readiness of your network is a key component in building a successful IP Telephony strategy.

The convergence of voice, video and data onto IP networks is fundamentally changing the way IT managers approach the transition to unified networks. Make sure your network is capable of the increased capacity required for VoIP deployment.

Top-Down VoIP Readiness Assessment

Let Network Dynamics, Inc. (NDI) perform a top-down assessment of your network to determine if its performance characteristics are suitable to support your planned VoIP deployment.

NDI's professional services team utilizes state-of-the-art technologies to simulate voice traffic and perform comprehensive measurements to identify the effect of adding time-sensitive VoIP traffic to the existing traffic traversing your network.

NDI will conduct a current-state, on-site analysis to detect potential problem areas, and include specific action steps necessary to mitigate or eliminate problems.

NDI's Process

NDI's analysis begins with an in-depth review of the network to be evaluated for VoIP readiness.

One or more NDI Professional Services team members travel to the core site(s) to study the network and perform the readiness assessment.

The Analysis includes a detailed written report of all findings, a conference call to review the findings, and a report detailing specific action steps required to remedy any problem areas prior to VoIP deployment. The assessment scope may include Local Area Network (LAN), Wide Area Network (WAN) or both.

- **Top-down Network Assessment to identify performance characteristics for VoIP**
- **LAN/WAN Assessment Capabilities**
- **Comprehensive, Documented Deliverables include:**
 - **Network Topology Map**
 - **Identification of Single Point(s) of Failure**
 - **Network Traffic Analysis**

The NDI Advantage

To stay competitive and achieve the highest possible return on your investment, you must maintain maximum network availability and performance. By leveraging NDI's significant investment in intellectual capital, management processes and state-of-the-art tools, you can reap significant business benefits, including:

Remote Assessment Potential

In some circumstances, customers may be eligible for remote assessment thereby reducing costs and increasing flexibility. NDI will help you determine if remote assessment is a possibility for your VoIP network assessment.

Network Analysis

A review of the network routers and/or switch configurations and associated network connectivity for each device ensures that each device that is in the critical path of the voice network is cared for. NDI will identify and document single point(s) of failure possibilities within the voice critical path in the LAN and/or WAN in the links connecting the sites identified by the customer for VoIP deployment.

Documented Results

NDI performs evaluation of any potential network bottlenecks and traffic patterns, performs RTP traffic load testing across the network utilizing call patters provided by the customer. NDI documents recommended configuration changes to be implemented as a result of the findings of this readiness assessment. NDI will detail the results of the analysis for the customer.

Comprehensive Deliverables

NDI's deliverables include updated network topology map of the key LAN and/or WAN network components that are along the critical voice pathway. Connections to remote sites are shown on the drawings; details at the core sites are limited to the information collected or provided during the onsite assessment. Identification of any single points of failure along the voice path of the existing network is provided. Network Traffic Analysis reports for all analyzed LAN and/or WAN segments are included.

Get more information today!

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For More Information

For complete information on NDI's Network Assessment Solutions, contact your NDI account manager or visit www.ndiwebsite.com.

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