

VoIP Probe enables Network Operators and Internet Service Providers to measure Voice over IP Service Quality from the end-customer perspective. VoIP Probe gathers availability, performance, and speech quality data for voice calls between VoIP subscribers and PSTN subscribers in any combination.

Voice over IP telephony is an emerging market - in all segments. Consumers are using VoIP to save costs. Companies benefit from the flexibility of VoIP.

For network operators offering VoIP services it is mandatory to determine achieved service quality in terms of accessibility, retainability and integrity.

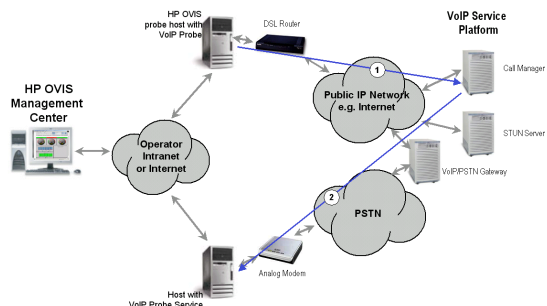
VoIP Probe from ADVENAGE is a Probe Plugin for HP SiteScope and HP OpenView Internet Services. It measures important quality parameters for VoIP and PSTN calls and enables network operators to collect exact voice service performance parameters in real time.

Service Quality data is collected by setting up voice calls periodically. Due to seamless integration with HP products, Probe configuration and scheduling is steered by SiteScope or OVIS. SLO violations are determined online and can trigger alarms. Collected performance data can be reported to tools like OpenView Performance Insight for aggregated SLA conformance reporting.

ADVENAGE, our Sales Partners and our Integration- & Service-Partners will help you to plan, build, and operate integrated application management solutions for VoIP and other services.

VoIP Probe was developed in close partnership with one of the largest European network operators with affiliates all over the world. The product was tested successfully for Interoperability with OpenView by HP.

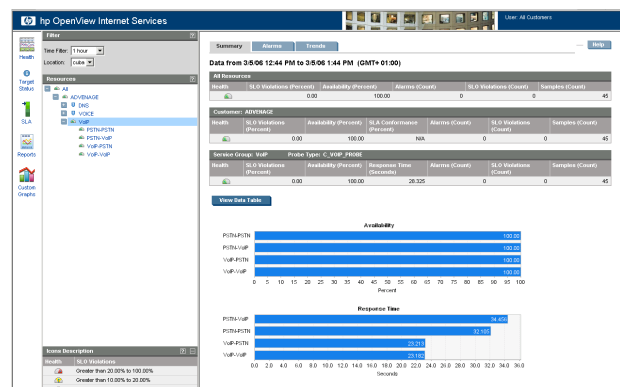
To obtain more detailed information on VoIP Probe please contact ADVENAGE or one of our Sales Partners.



Features

- Voice calls from and to VoIP and PSTN devices in any combination
- Voice calls to third-party:
A voice call can also be initiated to a third-party, e.g. a voice mail box or IVR service that will answer automatically. This allows to measure the accessibility, retainability and integrity of the service.
- CLI verification:
The answering party can check the presented CLI against a configurable pattern. If the CLI matches, availability is rated as 1 (100%). In this use-case, answering the call is optional.
- Speech quality estimation (optional):
The speech quality of the call can be estimated according to ITU-T standards by applying a PESQ (Perceptual estimation of speech quality) algorithm to the input and output audio files. The result is the MOS (Mean Opinion Score) factor.

Measurement results collected by VoIP Probe include availability, setup time, response time, ring time, call duration, hang-up time, CLI check result, jitter and packet loss. For VoIP to VoIP connections packet delay is provided as well.



System requirements

- Windows 2000 Pro, 2000 Server, XP Pro, 2003 Server, Linux and other UNIX variants
- HP SiteScope 9.x or HP OVIS 5.x, 6.x
- Dialogic DIVA Cards for PSTN based call origination/termination

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