

Voice Probe extends HP OpenView Internet Services with cellular voice call testing and monitoring capabilities. Voice Probe simulates cellular voice service end-users initiating and answering voice calls over the air and delivers detailed performance data to the OVIS server. Voice Probe integrates seamlessly with HP OVIS and other OpenView products.

Voice Probe has been designed to serve mobile network operators and service providers with a highly functional and reliable tool to monitor and analyze the quality and performance of cellular voice services from an end-user's point-of-view.

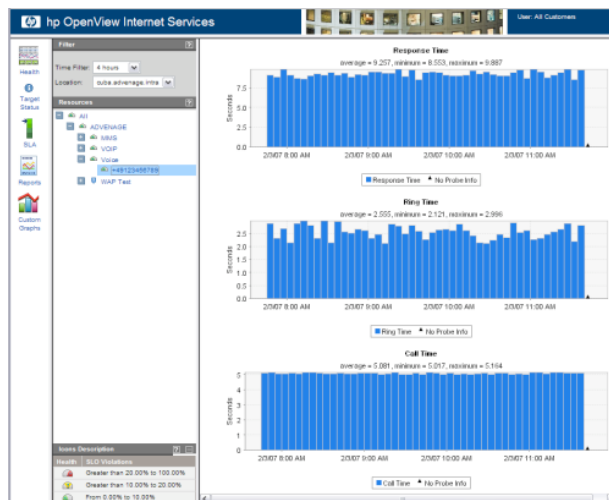
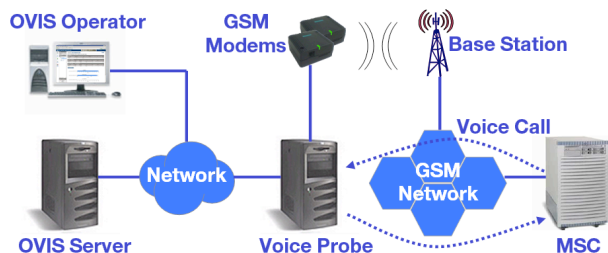
Compared to traditional solutions it follows a new implementation approach allowing for best-in-class reliability and performance. As a probe application for HP OpenView Internet Services, Voice Probe enables mobile network operators, service providers and MVNOs to run cellular voice service monitoring using an industry standard performance management system. This avoids expenditures by running separate OSS systems or integrating non-standard systems into their performance management environments.

Voice Probe comes as a full service package including consulting, installation, support and software maintenance.

Features

- Basic voice call mobile-to-mobile
- Voice call to voice mailbox or IVR
- Roaming voice calls
- Calling line identifier check
- Twin SIM card CLI check
- Configurable call duration

Voice Probe gathers availability and performance data by periodically initiating and answering cellular voice calls between two mobile stations (cellular modems connected to the probe station), answering the call, keeping it open for some seconds and hanging up.



Measurement results collected by Voice Probe include availability, setup time, response time, ring time, call duration, hang-up time, CLI check result and radio signal strength.

The measurement data can be instantly displayed on the HP OVIS dashboard and may be analyzed later with HP OVIS or with HP OVPI.

Critical system states – e.g. MSC or interconnection failures – as well as SLA violations are detected in time and can be reported to the Network-Management-Center using standard HP OVIS reporting and alarming functions. This allows reacting quickly on performance bottlenecks and system failures and helps reducing revenue loss due to system unavailability.

System requirements

- Windows 2000 Pro, 2000 Server, XP Pro, 2003 Server
- HP OVIS 5.x, 6.x
- GSM modem (Siemens MC35i serial port, Audiotel Modem USB, Multitech Multimodem EDGE USB)
- UMTS modem support is planned

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