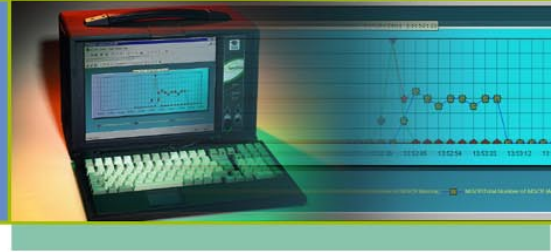


# Trunk Testing with MEGACO

From Inet Technologies, Inc.



## Spectra2 Media Gateway Application Suite

Spectra2 Media Gateway Application Suite (MG) brings the power of signaling and media testing together for the VoIP environment. The Spectra2 MG provides a robust protocol library, support for TDM and IP based media, and QoS measurements coupled with network performance statistics

## Media & Signaling Control Protocols

With support for packet control protocols such as SIP, H.323, MGCP, IPDC, MEGACO and more this product is ready for verifying implementation and conformance. Support for PCM Voice trunks at the T1/E1 and DS3 levels allow developers to test the interoperability with existing PSTN infrastructure. Spectra2 MG's 10/100 Mb Ethernet interface supports RTP for validation of circuit to packet voice. PSQM (P.861) and MOS tools allow for a quality measurement of the system under test.

## MEGACO and Trunk Testing

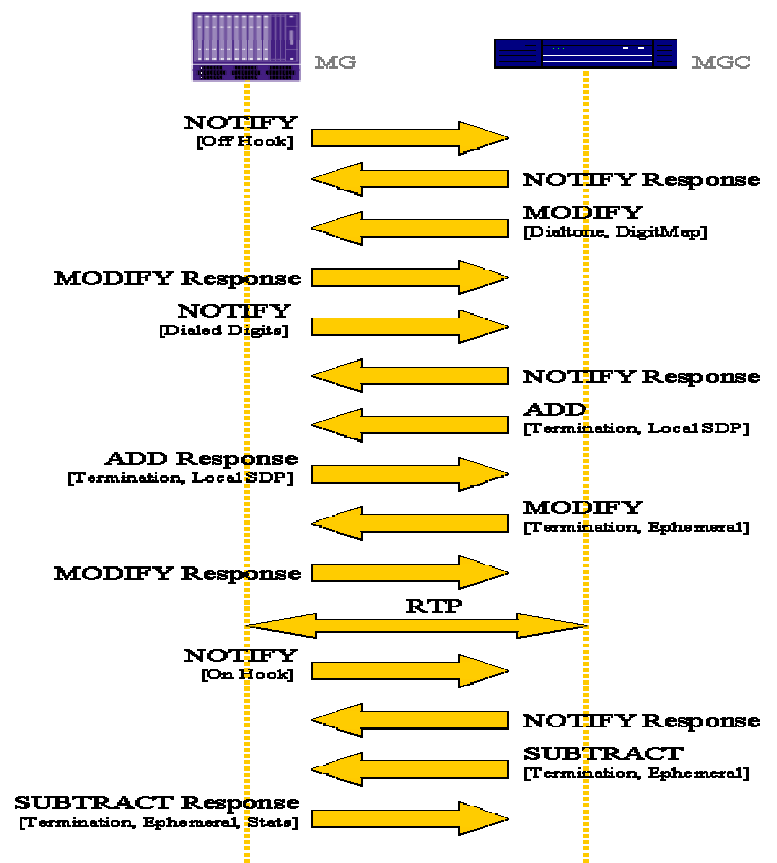
The quality of the PSTN is expected in the budding VoIP network of tomorrow. The key to this quality lies in the reliability and quality of the Media Gateway. Since the Media Gateway is responsible for the conversion of media, it is critical to ascertain the QoS this element provides.

Spectra2 MG provides a simple and flexible way of testing Media Gateways with the use of our Media Tester application and MEGACO test environment. Within the Spectra2 MG's iSL environment users can build test scripts that initiate MEGACO transactions utilizing voice resources from a user-defined database. In the same MEGACO test script the Spectra2 MG can also perform injection/detection of media (DTMF, SF and Voice) and PSQM tests.

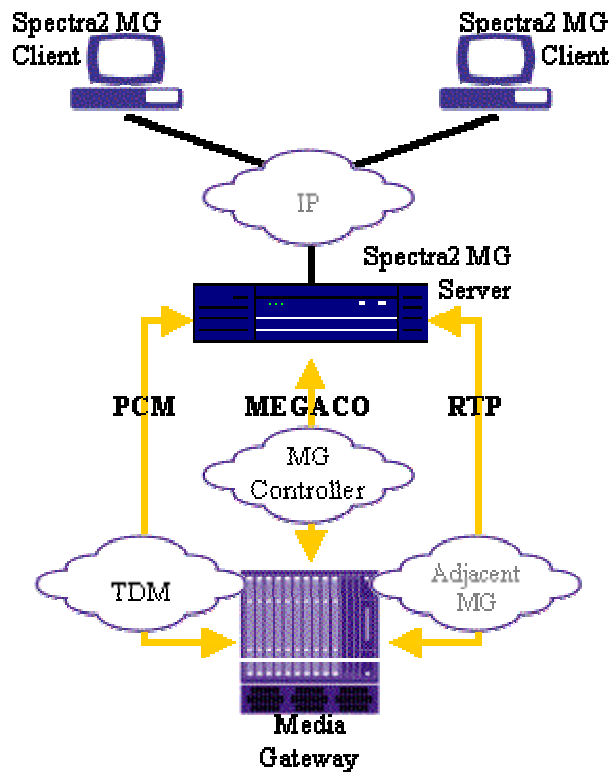
## Independent Testing

It is vital to validate a product's conformance and performance in real world conditions. Furthermore, completing this testing in an objective environment is critical. The Spectra2 MG allows users to test all functions of the Media Gateway without an internally developed Media Gateway Controller or test tool., thus reducing the possibility of test contamination.

## Testing Environment - Call Flow



## Testing Environment - Architecture



An ISO 9001  
Registered Company

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