



Spirent GEM Ethernet Network Impairment Emulators

RAPID TRIPLE PLAY DEVELOPMENT AND DEPLOYMENT

Use ITU-T G.1050/TIA-921 IP Network Models on Spirent GEM Ethernet Network Impairment Emulators to verify performance of multimedia solutions under real-world network conditions prior to deployment.

APPLICATIONS

- Video Quality - IPTV
- Voice over IP (VoIP)
- Video on Demand
- Multicast or Unicast Multimedia Applications
- Video Conferencing
- Distributed Software Applications
- Any service running over IP
- Define Minimum Service Level Agreements (SLAs)

The convergence of voice, video and multimedia services onto IP Networks is now a reality that opens up new possibilities for providers to drive revenue. With many alternatives available to implement Triple Play, design and testing has never been more important than at this critical stage in building the next infrastructure.

BENEFITS

Evaluate the equipment and applications that comprise your Triple Play solution under real-world conditions using standard-based network modes developed by the TIA as TIA-921 and adopted by the ITU-T as G.1050.

Test with any or all of the 1064 statistically based, time-varying scenarios for well-managed, partially managed and unmanaged networks or create your own custom scenario.

- Reduce time to market with higher quality and greater customer satisfaction
- Reduce risk by verifying performance of multimedia solutions under real-world network conditions prior to deployment
- Prevent under- and over-engineering by precisely characterizing minimum required SLAs
- Define new revenue generating services with a competitive advantage
- Discover potentially catastrophic design flaws prior to deployment
- Characterize problems painlessly with dynamic impairments through manual or automated control
- Reproduce production environment issues easily in a support lab



