

Agilent N2X



Best in Class Testing of Enterprise Networks

Ultimate performance verification of Next Generation IP Services with Agilent N2X

Agilent N2X is the industry's most comprehensive test solution for testing the development and deployment of network services for converging network infrastructures. Service providers, network equipment manufacturers (NEMs), and component manufacturers can verify service attributes of entire networks end-to-end, while also isolating problems down to individual networking devices and subsystems.

Enterprise networks are evolving with higher density and complexity to deliver next generation IP services like IP telephony, video and data over converging network infrastructures. A new generation of enterprise devices characterized by the ability to manage an increasing number of different protocols and traffic types with new levels of reliability and scalability power these networks.

The Agilent N2X solution is the industry's first to combine leading-edge data services testing with network infrastructure testing and emulation. The N2X solution set incorporates the strength of the RouterTester 900 to comprehensively verify the ultimate performance, scalability and resiliency of next generation IP services under realistic network operating conditions. Including the ability to stress both the network data and control planes, the Agilent N2X offers unparalleled test realism and scalability to verify the ultimate performance of next generation IP Services and infrastructure.

The N2X offers unparalleled test realism and scalability to verify the ultimate performance of next generation IP services:

- Industry's leading multi-protocol emulation and traffic generation environment
- Broadest range of protocol emulations (IPv4/6, MPLS, Multicast, Spanning Tree, VLAN Security, VPLS)
- Extensive interface range (including 10/100/1000 Ethernet and 10G XENPAK)
- Powerful real-time measurements
- Powered through a versatile GUI
- Fully featured API



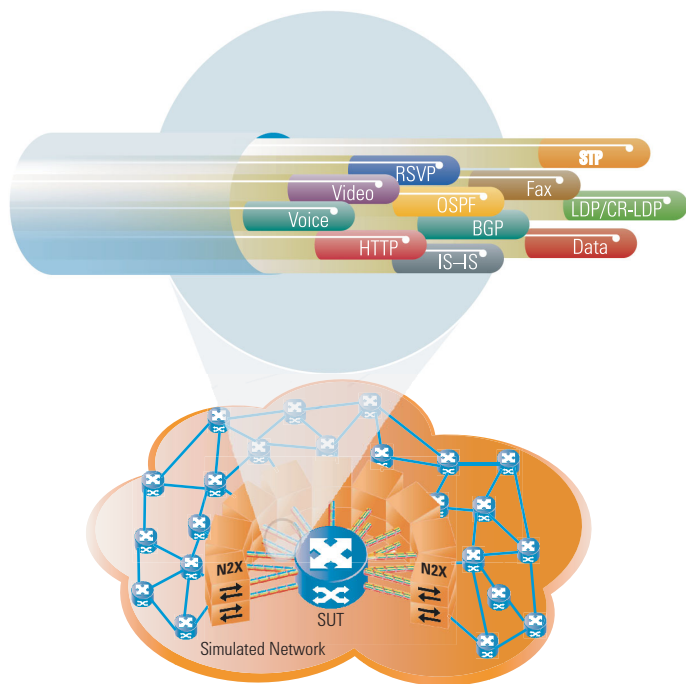
Agilent Technologies

Best in Class Testing of Enterprise Networks

Scalability: Test extreme network conditions

The scalable performance of underlying enterprise devices is critical in the network's ability to efficiently deliver the new generation of IP services reliably and consistently. Only Agilent N2X, with the industry's highest layer 2/3 traffic and protocol scalability can test the ultimate performance of the device's ability to deliver IP based services.

- Industry highest stream scalability through the generation and measurement of over 32,000 unique streams representing customer service levels (QoS) per port simultaneously.
- Industry's highest protocol scalability to emulate thousands of protocol sessions and network elements
- Industry's highest port density to cost-effectively stress the devices and networks
- Powerful protocol emulation to simulate complex real-world multi-protocol environments including MPLS, VPNs, IP Multicast, IPv4 and IPv6.
- Simultaneously test the control and data planes



Innovation: Industry leading solutions

N2X builds upon Agilent's long established reputation of innovation through continuous industry leadership in carrier routing test methodologies and test capability. Agilent N2X has spearheaded definition of test methodologies and procedures to evaluate cutting edge services such as Layer 2/3 MPLS VPNs and multicast.

Versatility: Test without boundaries

Agilent N2X simplifies scalable performance testing through unique ease of use features, which simplifies and accelerates complex test scenario configurations. This not only reduces the time required to learn how to use the tool, but also provides users with the versatility to test without boundaries and get the most of their testing time.

- Versatile and interactive user interface
- Flexible PDU Builder to build any type of encapsulation easily (even proprietary formats)
- Topology builder to quickly create complex multi-protocol network topologies
- Comprehensive API and QuickTest library for complete automation and repeatability

Companion N2X Products

The Agilent NetworkTester is a highly scalable and flexible solution for performance testing L4-7 security and content networking devices. As a companion to N2X, the combined solution provides best in class testing across Layer 2-7.

Agilent N2X



For more information, please visit:

www.agilent.com/comms/N2X

To speak with an Agilent representative, call your local office:

United States:
1-800-452-4844

Latin America:
(305) 269-7500

Canada:
1-877-894-4414

Japan:
(81) 426-56-7832

Europe:
United Kingdom
07004 666666
Amsterdam
(31 20) 547-2323

Asia Pacific:
(852) 3197-7777

Australia:
1-800-629-485

