

InterWatch



Highlights

- Multitasking Solaris operating system
- Simultaneous multi-user, multiprotocol and multi-application
- Remote control using standard Windows applications such as VNC and Exceed
- Hardware-based real-time protocol (RTP) generation and analysis
- Single software license per option for entire chassis
- Several test beds can leverage the same licensed option
- Shared-platform capacity and performance across several test beds
- Re-use hardware modules for different test applications
- Complete lifecycle testing: feature, load, interoperability and regression testing
- Linear scaling—no performance degradation when expanding platform
- Unique and purposed-built test solution for VoIP and IMS testing
- Hardware-based time stamping for signaling packets and RTP
- Large-scale, high-capacity and high-performance instrument

Two models:

- R14 rack-mountable platform
- M7 modular, portable platform

Overview

InterWatch is the industry's most powerful test platform designed for today's VoIP and IMS networks. This rugged carrier-class platform provides unmatched scalability and performance at a fraction of the price of alternative off-the-shelf servers.

The InterWatch scales by adding modules to support simultaneous users and applications. Some of the key applications include test solutions for VoIP and IMS devices including session border controllers (SBCs), security gateways, border gateway functions (BGFs), IMS I/P/C-CSCFs, HSS, PacketCable CMS, proxy/registrar testing and application servers such as Presence and IP Centrex.

Moreover, it can simulate large-scale subscribers as well as emulate network elements and network clouds consisting of two or more network elements. The platform supports the generation and analysis of signaling such as SIP, H.248, PacketCable NCS, DIAMETER, ISUP, GMPLS and media such as voice, video and DTMF.

The InterWatch is offered in two high-performance platforms—the R14 and the M7—that provide the capacity to initiate and terminate hundreds of calls and thousands of registrations per second. By investing in an InterWatch platform, you are investing in the industry's most powerful, yet flexible and very cost-effective test solution.

Specifications

- Size (H x W x D): 39.375 cm x 47.5 cm x 36.25 cm (15.75 in x 19 in x 14.5 in)
- Weight: 15 kg (33 lb)
- Power supply: 100-240 VAC, 50/60Hz, 10A

ORDERING INFORMATION

N-01-106250A^a = InterWatch R14

Secondary Protocol Engine (must be ordered separately)

N-01-106010A = Secondary Protocol Engine Version 4.0 (SPEv4)

Interface Modules^b (must be ordered separately)

N-01-106246A = Two Port T1/E1 TDM

N-01-106330A = Two Port 10/100/1000 Ethernet

Notes

a. Requires at least one secondary protocol engine and an interface module to be operable.

b. Require at least one secondary protocol engine to be operable; software options are sold separately.

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