Testbook CommView

Wireless LAN & VoWLAN Monitoring

802.11 ac
Support

Introduction

CommView for WiFi is a powerful wireless network monitor and analyser for 802.11 a/b/g/n and ac networks. Delivering performance and flexibility, CommView for WiFi provides an easy to use solution for those looking for a cost-effective WiFi monitoring solution.

CommView Scans and Displays all Access Points and Clients

Able to capture every packet on the air CommView can display information such as access points and stations, per-node and per-channel

statistics, signal strength, network connections, network packets, and protocol distribution charts. By viewing every packet going over the WiFi infrastructure, CommView allows you to pinpoint network problems, and troubleshoot both software and hardware issues.

Packets can be decrypted utilising user-defined WEP or WPA-PSK keys and then decoded using the powerful decode capability.

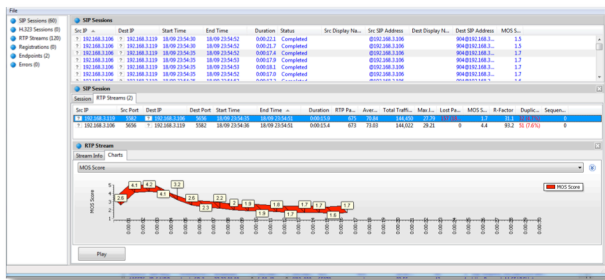*Detailed Packet Decode after Decryption of Wireless Data Packets*

With over 70 supported protocols, CommView provides the ability to view every captured packet showing both protocol layers and packet headers. It is also possible through the use of an open interface, to plug-in custom decoding modules.

VoWLAN Capability

CommView for WiFi includes a VoIP analysis module for real-time capturing and analysing of Voice over Wireless LAN (VoWLAN) events, such as registrations, call signalling and media streams (RTP).
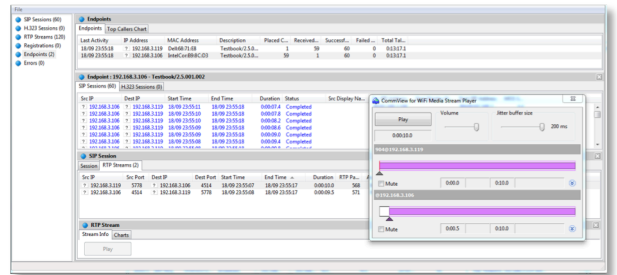

Detailed VoIP Call and Media Statistics and Graphs

Using the VoWLAN analysis capability users are able to visualise VoIP traffic helping them to debug and troubleshoot wireless voice problems that otherwise remain invisible.

CommView supports SIP and H.323 VoIP signalling, provides call quality measurements using MOS & R-Factor scores, and is able to replay captured RTP streams using a number of different voice codecs. As important as voice quality metrics are (MOS & R-Factor), a subjective test listening to captured voice conversations can provide a better indication of the voice quality users are experiencing.

With the 802.11 protocol analysis users are able to troubleshoot underlying voice quality issues by understanding how 802.11 events such as re-transmits are effecting voice quality. CommView also provides an adjustable Jitter buffer capability during playback allowing users to experience the effect that jitter buffers size may have on voice quality.

Playback RTP Streams using User Selected Codec

CommView runs on Windows XP / Vista/ 7 / 8 or Windows Server 2003 / 2008 / 2012 (32/64-bit versions) and requires a compatible wireless network adapter. It is also possible to run CommView on Apple Mac using a windows virtualised OS.

Contact Testbook to get a list of supported wireless adapters and to get a trial version of the Testbook CommView application for WiFi.

Related Products

USB-Testbook for VoWLAN

USB-Testbook for VoWLAN is cost effective active VoIP tester for testing voice over 802.11a/b/g/n networks. Capable of generating multiple simultaneous calls and providing call quality metrics, USB-Testbook is the ideal tool for installation, commissioning and maintenance of VoWLAN networks and infrastructure.

ABOUT TESTBOOK

Testbook is the leading supplier of advanced turn-up and maintenance tools for VoIP and Unified Communications allowing technicians to rapidly turn-up and maintain SIP/H.323 trunks and hosted services, VoIP servers, IPBX's, terminal equipment, in Carrier, Enterprise, Wireless and cloud environments.

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