

MAKING  
COMMUNICATIONS  
BETTER

# 925VST

POWERFUL NEXT GENERATION HANDHELD SERVICE TESTER



## 925VST FEATURES A POWERFUL NEXT GENERATION VOICE SUITE

### CAPABILITIES

#### Qualify Voice Services

- Test the networks ability to transmit distortion free voice in both directions
- Provides Clarity Merit Score (MOS)
- Measures audio level
- Measures background noise

#### Bad MOS Scores?

- Detect and measure packet loss
- Detect and measure voice clips
- Detect and measure noise hits

#### Isolate echo problems

- Detect and measure echo
- Verify echo cancellation

#### Qualify Fax Service

- Test the networks ability to transmit facsimile (T.38)
- Sends real fax!

#### Verify End-to-End Network Performance and Provisioning

- Measure network delay
- Measure jitter buffer performance
- Verify codec type
- Verify phone number translation (automatic callback)
- Verify dial tone delay
- Measure call completion time (post dial delay)

#### Verify IAD Performance

- Test the IAD's ability to emulate POTS
- Measure loop current
- Measure ring voltage and frequency
- Verifies dial tone

THE 925VST is a powerful handheld voice over packet (VoP) service qualification tool for field deployment and troubleshooting personnel who need a rapid and reliable installation tool.

No return customer visits or truck rolls!

With the 925VST, installers place test calls to a Sage responder and perform automated packet voice tests to quickly profile end-to-end, network performance. The 925VST can place and receive test calls from a 2-Wire analog interface (POTS), or test from an IP Phone/Digital Phone 4-Wire analog handset interface.

Ensure QoS across the network, qualify ECHO, DELAY, MOS (clarity) and voice packet loss and much more!

The 925VST provides immediate pass or fail conditions and stores multiple results for later review or export.

*continued*

Sage Instruments  
240 Airport Boulevard  
Fremont CA 95019-2614

PHONE 831.761.1000  
FAX 831.761.1008  
WEB [www.sageinst.com](http://www.sageinst.com)



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THE 925VST PROVIDES IMMEDIATE PASS OR FAIL TEST LIMITS



## CAPABILITIES *continued*

### Ensure Customers Can Access

#### Voice Mail

- Verify DTMF transmission capabilities

## PHYSICAL CHARACTERISTICS

- Backlit LCD Display
- Built-in Butt Set
- 2-Wire Analog Interface
- 4-Wire Analog Interface
- RS-232 Interface
- Ruggedized Case
- Water Resistance Keypad
- Size 4" x 1.5" x 9" weight 20 oz.

## OTHER FEATURES

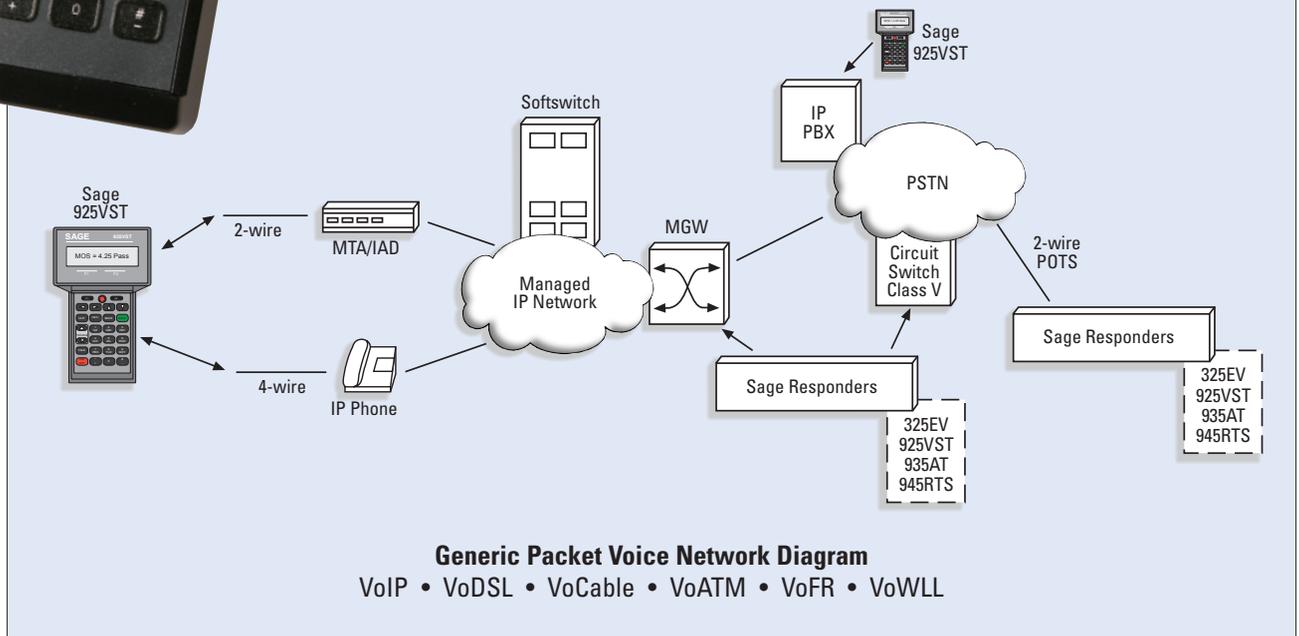
- Pass/Fail Criteria Template Generator
- Simple menu and Navigation
- Universal Quick Charger (100-240V)
- 2 and 4-Wire Interface Cables
- Durable Soft Carrying Case

## 925VST OPTIONS

- Base Unit 7925-0000-01
- 2-Wire mode 7925-0020-01
- 4-Wire mode 7925-0040-01
- Responder Mode 7925-0100-01
- Fax Test 7925-0002-01

## THE SAGE INSTRUMENTS 925VST CAN BE USED FOR A WIDE ARRAY OF TESTING APPLICATIONS

- Turnkey craft tool for VoP Service turn-up
- Isolate echo, incorrect gateway settings and softswitch translation problems



### Generic Packet Voice Network Diagram

VoIP • VoDSL • VoCable • VoATM • VoFR • VoWLL