

The Windows-based STINGA product family covers a wide range of stand-alone protocol analyser and simulator products. Both notebook and desktop-based solutions are available. Protocol stacks like SS7oTDM (E1/T1/J1), SS7oIP, SIP, SIP-T, SIGTRAN, BICC, V5.1/V5.2, ISDN PRA, ISDN BRA, DPNSS/DASS2, Megaco/H.248, MGCP and PNNI are supported.

The STINGA SS7 Monitor product is a protocol analyser for real-time SS7 and GSM/EDGE/CDMA A-interface monitoring, decoding and statistics over TDM (E1/T1/J1).

This product is suitable for SS7 protocol analysis, Call Detail Record generation, Quality of Service (QoS) and Network Performance analysis, error tracking, network surveillance, network maintenance and more.



## FEATURES

- SS7 monitoring over TDM (E1/T1/J1)
- GSM/EDGE and CDMA A-interface monitoring over E1/T1/J1
- Real-time monitoring, decoding and statistics
- Multiple E1/T1/J1 line interfaces supported
- Simultaneous monitoring of multiple timeslots
- Call Detail Record (CDR) generation and reporting
- Call Trace view based on CDRs
- CDR search and filtering engine
- Top-down QoS and Network Performance analysis
- Advanced filter and search functionality
- Voice monitoring (PC speakers)
- DTMF detector
- Hex decoder
- Scheduler
- ITU, ANSI, Japan TTC, Chinese ITU and national protocol standards supported
- E1/T1/J1 PCMCIA and PCI boards available
- Supporting Windows 2000, XP and Vista
- Multi-user interface to UQoS INSIGHT Monitoring Probes
- Real-time monitoring, decoding and statistics from multiple UQoS INSIGHT Monitoring Probes simultaneously
- E1/T1/J1 PCMCIA and PCI cards available
- Running on Windows Vista/XP/2003 Server/2000

## SPECIFICATIONS

- E1/T1/J1 interfaces
- E1/T1/J1 alarm signals and link status
- MTP (ITU, ANSI, Japan TTC, Chinese ITU)
- ISUP (ITU, ANSI, Japan TTC, UK, Norwegian, Swedish)
- BICC
- TUP (ITU, Chinese ITU, SSUTR2, IUP)
- SCCP (ITU, ANSI, Japan TTC, Chinese ITU)
- TCAP (ITU, ANSI)
- INAP (INAP CS1, INAP CS2, Alcatel Core INAP, Ericsson Core INAP, Siemens INAP: SINAP5 and SINAP7, Alcatel INAP CS1+, Ericsson INAP CS1+, British Telecom INAP CS1+, Ericsson Light Weight INAP)
- CAP
- MAP
- SMS
- IS-41/ANSI-41
- IS-826
- IS-848
- GSM/EDGE and CDMA A-interface
  - BSSAP
  - BSSMAP
  - DTAP
  - MM
  - RR
  - CC
- Supplementary Services

## SOFTWARE & HARDWARE

20551: STINGA SS7 Monitor

20135: PIST-2MP-PRO PCMCIA, 2xE1/T1/J1

20430: PIST-2MI+ PCI, 2xE1/T1/J1

20440: PIST-4MI+ PCI, 4xE1/T1/J1

20125: PIST-8MI+ PCI, 8xE1/T1/J1

20127: PIST-16MI+ PCI, 16xE1/T1/J1

20128: PIST-16MI-Basic-32 PCI, 16xE1/T1/J1

20129: PIST-16MI-Basic-64 PCI, 16xE1/T1/J1

20215: T-Attenuator (monitoring tapping point)

20210/20211: Impedance Converter (75-120ohm)



## CONTACT INFORMATION

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