

NETWORK MONITORING

STINGA Monitoring System

Telecom Network Traffic Capture – IP, Mobile & TDM Networks – 24/7/365 Monitoring

STINGA Product Family

- Network & Business Analytics
- Telecom Network Traffic Capture
- Protocol Analysis & Simulation

STINGA Monitoring System can maintain superior network quality and first-class customer experience by capturing information about the network traffic in IP, Mobile and TDM networks.

STINGA Monitoring System and STINGA Performance Analyzer let you detect and resolve network issues and poor performance before end customers are affected.

FEATURES

Server-side Features

- Telecom Network Traffic Capture
- RTP Capture for Voice Quality Analysis
- Mobile, VoIP, IMS & TDM Networks
- Running 24/7/365
- Highly Scalable Solution
- Real-time Streaming of Protocol Signaling Messages
- XDR Generation & Storage
- XDR Streaming to 3rd-party Applications
- ITU, ANSI, Japanese and Chinese Standards
- Physical or Virtualized Probe Servers

Client-side Features

- Real-time & Off-line Protocol Analysis
- Full Protocol Decoding
- Call Trace & Message Trace
- Message Flow Diagram
- Advanced Message & Call Trace Filtering
- XDR Search & Filtering
- KPI Statistics Reporting in Interactive Dashboards
- Windows & Web-based Client Applications for Windows 10, Windows Server 2012/2016

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SPECIFICATIONS

Interfaces:

- TDM (E1/T1/J1)
- Ethernet – electrical and optical
- SDH (STM-1)

IP, VoIP, IMS Networks:

- IP, TCP/UDP/SCTP
- SIP, SDP, SIP-T/SIP-I, RTP, RTCP
- MSRP
- H.323 (H.225.0, H.245)
- Megaco/H.248, MGCP
- Diameter, Radius
- GTP', GTP-C, GTP-U
- MLPP, eMLPP
- SMPP

Mobile Networks:

- IoT:
NB-IoT, LTE-M
- 5G:
Xn, NG
- 4G – LTE/LTE-A:
Cx, Gx, Gxa, Gxc, Gy, ISC, Ma, Mb, Mg, Mi, Mj, Mk, Mr, Mw, Mx, Rf, Ro, Rx, S1-C/S1-MME, S2b, S3, S4, S5, S6a, S6b, S6d, S8, S11, S12, S13, SGi, Sh, Si, SLh, SLs, STa, Sv, SWm, Sy, X2-C, Zh
- 3G – UMTS:
Iub, IuCS, IuPS, Iur, Mc, Mp, Nb, Nc
- 2.5G – GPRS:
C, D, E, F, Ga, Gb, Gc, Gd, Gf, Gi, Gn, Gp, Gm, Gr, Gs, Lg, Lh, Mb, MM5, Vx
- 2G – GSM/CDMA:
Abis, A

SPECIFICATIONS

SS7 Networks:

- SS7oTDM & SS7oIP/SIGTRAN
- MTP (ITU, ANSI, Japan TTC)
- M2PA, M2UA, M3UA, IUA, SUA, DUA, V5UA
- ISUP (ITU, ANSI, UK, SPIROU, Japan TTC)
- BICC (ITU, UK)
- TUP (ITU, Chinese ITU, SSUTR2, IUP)
- SCCP (ITU, ANSI, Japan TTC, Chinese ITU)
- TCAP (ITU, ANSI)
- MAP, CAP/CAMEL, SMS
- INAP (INAP CS1, INAP CS2, INAP CS1+ variants)
- IS-41/ANSI-41, IS-637, IS-826, IS-848
- AIN

Access Networks:

- ISDN PRI, Q.SIG, DPNSS/DASS2, V5.1/V5.2

CONTACT INFO

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