Total Recall VR LinX Neos provides a compact, professional, robust and highly configurable desktop voice logging solution for smaller capacity or space limited analogue telephone, VoIP, DMR, RTP and/or radio recording applications.

LinX Neos is well suited to enterprises, governments, public utilities (including Airports and Rail) and military, with thousands of existing Total Recall VR installations working in these industries across the globe.

Specifically designed for mission-critical applications, LinX Neos offers incredible reliability and interface flexibility in a compact & professional enclosure. When you need the best and most secure call recording system on the market, you need Total Recall VR LinX Neos!

- 24 Simultaneous Analogue Channels;
- 30 Simultaneous VoIP/RTP/DMR Channels;
- 24 Simultaneous Analogue Channels PLUS an additional 30 VoIP/RTP/DMR Channels (in Hybrid Recording Mode).
- Compact Desktop Enclosure Design.
- Up to 600,000 Hours On-board AV-GP 1TB SATA HDD Storage.
- Multiple hard drive options (AV-GP, Higher-Capacity and/or SSD HDD) for special installations or vehicle-mounted applications.
- 265 (H) x 365 (W) x 365 (D) mm.
- Archive to CD/DVD/Blu-ray, USB devices, and Network Storage (NAS).
- Built-in Colour LCD Control Panel with keypad.
- Remote Management and Record on Demand (PCI DSS compliant) PC applications included.
- Seamless integration with major telephony, radio and console systems, including Tait, Hytera and Omnitronics.
- Used in some of the most demanding environments worldwide: Military, Vehicle-Mounted, Air Traffic Control recording (ATC), major Emergency Services (E-911) and more...

LinX Neos can record up to 24 simultaneous analogue channels from any line-level audio source - telephones, 2-way radio, intercoms etc. Inputs are standard modular audio jacks that are compatible with a wide range of easily available accessories. Additionally, record up to 30 VoIP channels, RTP streams, DMR channels etc. in any combination.

Continuously live monitor by extension, or search and replay completed calls with ease. All functions are available via the built-in control panel, or from the comfort of your PC. Configurable Record-on-Demand functionality (PCI DSS compliant) gives users the option to record or discard current calls, or even to partially record calls if required. Record all calls, or between user-defined times.

Proven in thousands of installations worldwide, Total Recall VR is the professional and cost effective choice in voice logging systems and services, for all enterprise, government and military requirements.
LinX Neos Specifications:

**Analogue**
Hi-Z FXS/FXO 2-wire interface. Caller ID detection: FSK, DTMF. Digit detection: DTMF.

**VoIP**
RJ45 (8P8C) connector.
SIP over UDP (RFC3261, RFC2976, RFC2833).
SDP (RFC3264).
RTP (RFC 3550).
Tait VRP
Hytera DMR
Omnitronics IP

Encoding method: G.711 (A or μ-law), 8000Hz, 64Kbps, mono.

**Voice Encoding**
HQVQ, 8000Hz, 7.9Kbps, mono
SPEEX Q8, 8000Hz, 15Kbps, mono.
MPEG Audio Layer-3 (MP3), 8000Hz, 24Kbps, mono.
G.711 A-law, 8000Hz, 64Kbps, mono.
G.711 U-law, 8000Hz, 64Kbps, mono.

**Audio File Formats**
Total Recall VR (.trc).
Microsoft Wave (.wav).
MPEG Audio Layer-3 (.mp3).

**Maximum Channel Capacity**
*Single-Interface Mode*: 24 analogue channels, or 30 VoIP/RTP Channels.

*Hybrid mode*: 24 analogue channels PLUS 30 simultaneous VoIP/RTP recording channels, in any combination.

**Analogue Recording Trigger**
Off-hook – 6 voltage levels: 30V, 25V, 20V, 15V, 10V and 5V.

**VoIP Recording Trigger**
SIP session.
H.245 call.
Unicast RTP Stream.
Multicast RTP Stream.

**Recording PIP Tone**
1.4KHz. Analogue channels only. Channel & level selectable.

**Operating System**
Linux CentOS 6.4.

**On-board Storage**
AV-GP SATA Hard Drive: 1 Million Hours MTBF, up to 600,000 hours of call storage.

**On-board Archive Device**
CD/DVD/Blu-ray Drive (Supports CD-R, DVD+RW and BD-RE media).

**External Archive Device**
TCP/IP Network Drive: 250,000 records per archive session, up to storage limit.
USB Storage Device (USB key, USB HDD).

**Network Interface**
2 x 100Mbps Ethernet.
Time Synchronisation via NTP.
Alarm Interface via SNMP.
SMRD Interface via TCP/IP.

**Audio Interface**
Built in speaker.
Line-out jack – 3.5mm.
Headphone jack – 3.5mm.

**Construction**
Zinc passivated steel with powder coated face.

**Display**
7” wide screen colour LCD display.

**Dimensions & Weight**
265H x 365W x 365D mm /11Kg.

**Power Supply**
90 – 260 VAC, 50 – 75Hz.

*All Specifications Subject To Change Without Notice*