



MAX Server™



- ✓ Record 120 Simultaneous VoIP/ISDN Channels
- ✓ Easy to Use, Turnkey Solution
- ✓ Configure and Manage Straight From your PC
- ✓ 60,000 Hours Onboard Storage
- ✓ DVD, Network or Optional Blu-Ray Archiving
- ✓ PC Remote Management Software Included
- ✓ Designed For Superior Reliability

High Capacity Voice Logging for VoIP and ISDN Systems

When call recording and monitoring is critical to your operations, you need to be sure that your Voice Logger can expand and change to meet your needs. Total Recall MAX Server is the solution for your recording needs now and into the future, offering high-capacity combined VoIP and ISDN voice logging.

Easy PC Based Control

All unit functions and configuration are managed via your network and Remote Manager - PC software included with unlimited licences as part of your solution. Our Java based client software is easily installed via a wizard based application, and offers intuitive setup and navigation for one or multiple units.

Maximum Reliability

Your calls are stored on RAID mirrored, swappable SATA hard drives, to guard against losing your critical call records due to drive failure. Hot-swap power supplies are standard, as is support for SNMP alarms. Multiple hardware alarms warn users about potential problems, so preventative action can be taken.

Total Recall is CentOS Linux based, providing you with the security, speed and reliability advantages of an enterprise-grade UNIX operating system.

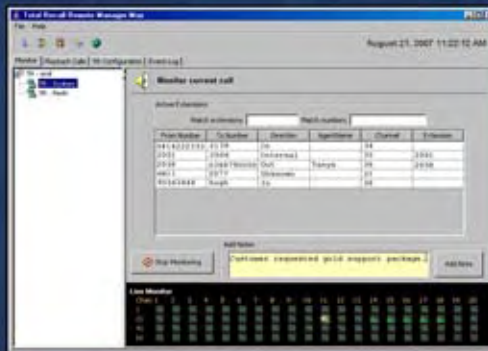
Long-Term Storage and Archive

Store up to 60,000 hours or 350,000 individual calls to onboard mirrored hard drives. You also have the option to automatically archive calls at pre-set intervals to inexpensive CD or DVD media, via your network to a NAS or other networked hard drive, or optionally to high-capacity Blu-Ray media.

Convenient and Powerful Windows PC Client Software Included

All unit configuration, live monitoring, search and replay functions may be performed from the convenience of your Windows PC, via a TCP/IP network or a 56k dialup connection. Copy calls from your Total Recall system or archive discs to your computer, or email calls in MP3, WAV, or secure TRC formats.

Remote Manager may also be used to add notes to calls in real time, which can later be used as a search parameter in conjunction with time, date, channel, extension, call direction, number calling or calling number (where transmitted).



Remote Manager PC Client Interface

Multiple Security Options

Multiple password protected access profiles and comprehensive menu access, configurable on a per-user basis, ensures that data security is maintained while extending the benefits of recording to more people within your operation.

Centralised System Management

Use and manage multiple Total Recall MAX Server units in a 'server bank' with one PC using Remote Manager, to achieve virtually unlimited channel capacity for the whole system.

User Definable Call Recording System

Start and stop recording (depending on your telephony interface) by VoIP session (SIP or H.323), ISDN D-Channel, and/or Record-on-Demand (PC software control). Access to live monitoring is configurable per user-defined extension.

Record-on-Demand gives users the option to record or discard current calls, or even to partially record calls if required. Record 100% of calls, or between user-defined times - the choice is yours.

Multiple Playback Options

Continuously live monitor by extension, call replay via the inbuilt media player in Remote Manager on your PC. All monitoring and playback is performed via two simple GUI menus. You can easily find the calls you require with the options to search by time, date, channel, extension, calling number or number called, call duration and/or call direction.

High Channel Density

Mix and match up to 120 combined VoIP and ISDN channels. Connect up to six ISDN spans to Total Recall Max Server.

Additional VoIP and ISDN channels may be activated with a simple license key, up to the maximum 120 channels.

Do You Have Total Recall?

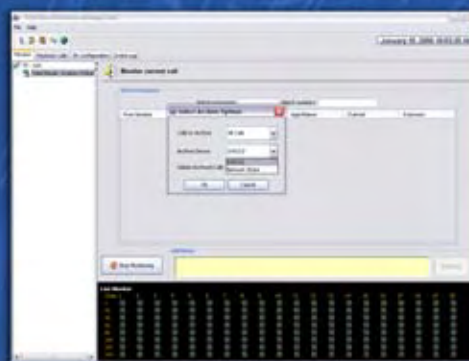
Proven in thousands of installations worldwide, Total Recall is the professional and cost effective choice in voice logging systems and services.

For more information, or to find your nearest authorised Total Recall dealer, visit www.totalrecallvr.com



CE FC
FCC ID: 6MY AUS-34627-RC-N
US: EE2 RC 15B DSP USB
Industry Canada
Industrie Canada
3545 10457A
IEC60950
IDA Singapore: DA 102 655
UK Rail Type Approval:
EN-50121-4:2000

Specifications



Channel Capacity

VoIP: 120 Simultaneous channels in 10 channel modules.

ISDN: 120 Simultaneous channels in 10 channel modules (PRI E1) or 12 channel modules (PRI T1). Up to six ISDN spans may be connected.

Hybrid Mode: 120 simultaneous channels of combined VoIP/ISDN.

Recording Inputs

SIP (RFC 3261, RFC2976, RFC2833), H.323 (ITU-T H.323, ITU-T H.225, ITU-T H.245), SDP (RFC3264), RTP (RFC3550), ISDN PRI (ITU-T Q.931, National ISDN 1 & 2, Nortel DMS100, AT&T 4ESS, Lucent 5ESS, Euro ISDN).

Recording Triggers

VoIP session (SIP, H.323, RTP), ISDN D-Channel, Record-on-Demand (software controlled).

Voice Processing

PCM (ITU-T G.711a and G.711 mu law), SPEEX (3:1 compression), .wav (16 bit, 8 KHz) and .mp3 export.

Onboard Storage

RAID mirrored swappable SATA hard drives provide storage for up to 350,000 calls.

Offline Storage

CD/DVD+RW device and Network archiving capability as standard, or optional Blu-Ray archive device. Store approximately 180 hours per CD-R, 1,000 hours per DVD+RW, or 6,000 hours per BD-RE. Network archive up to 250,000 calls per session, up to capacity of target system.

Operating System

Linux (CentOS 5.2).

Security

Multiple user levels, password controlled. Configurable channel access by user. SNMP alarm support. VoIP/ISDN message tracing support. Hot-swap 350+350W PSU and dual mirrored SATA hard drive storage.

Onboard Database

SQL, up to 60,000 hours or 350,000 calls. Configurable retention options.

Remote Access & Management

Remote Manager PC software, compatible with Windows 2000/ME/XP/Vista/7. Included with unlimited licences at no additional cost with your Total Recall system.

Secure Java program provides PC based access to all system configuration and functionality, via your TCP/IP network or 56k dialup connection. Wizard-based installation & highly configurable per-user access security. Export, save and email calls in MP3, WAV or secure TRC formats via Remote Manager.

Call Playback Options

Continuous live monitor by extension, call replay via network & remote PC with Remote Manager software. Play, fast forward, rewind and pause controls.

Playback Search Parameters

Extension name, channel number, time, date, dialled number or incoming number (DTMF/CLI, where available), call duration, call direction, Record-on-Demand user, user-added note.

Network

10/100/1000 Mbps Ethernet, TCP/IP. Network time synchronisation via NTP. Optional TCP/IP SMDR Interface.

Dimensions and Weight

89 (H) x 437 (W) x 648 (D) mm. Weight 25 Kg.

For more information, contact your local dealer:



TOTAL RECALL MAX

Server



When your business depends on
CALL RECORDING
 YOU NEED TOTAL RECALL MAX



Benefits

- ☑ **Affordable** – best cost per channel ratio without compromise on features.
- ☑ **Reliable** – stable operating platform with built-in redundancy.
- ☑ **Secure** – tamper proof recording format and multi-level access control.
- ☑ **Hybrid** – records VoIP and/or ISDN calls.
- ☑ **Accessible** – remote access and control software included.
- ☑ **Powerful** – comprehensive recording, search, monitoring and playback capability.
- ☑ **Flexible** – single license key for different channel types, in any combination.

Key Features

- ☑ VoIP and ISDN call recording.
- ☑ Wide range of recording options.
- ☑ Onboard storage for 60,000 hours / 350,000 calls.
- ☑ Secure and tamper proof recording format.
- ☑ Advanced audio compression.
- ☑ One-click real-time call monitoring.
- ☑ Feature rich player.
- ☑ Comprehensive search capability.
- ☑ Network, DVD/CD & optional Blu-Ray archiving.
- ☑ Stable UNIX platform.
- ☑ Remote access and management software.

Telephony

- SIP (RFC3261, RFC2976, RFC2833), H.323 (ITU-T H.323, ITU-T H.225, ITU-T H.245), SDP (RFC3264), RTP (RFC 3550)
- ISDN PRI (ITU-T Q.931, National ISDN 1 & 2, Nortel DMS 100, AT&T 4ESS, Lucent 5ESS, Euro ISDN)

Voice Processing

- PCM (ITU-T G.711a and G.711mu law)
- SPEEX (3:1) compression
- WAV (16 bit, 8KHz) & MP3 export

Channel Capacity

- 120 simultaneous VoIP sessions
- 120 simultaneous ISDN calls
- Up to 6 ISDN spans connected
- Up to 120 VoIP sessions and/or ISDN calls in any combination

Storage Capacity

- RAID mirrored, swappable SATA hard drive storage for up to 60,000 hours / 350,000 individual call records

Recording Trigger

- ISDN D channel
- VoIP session

Monitoring

- Real-time monitoring via Remote Manager software

Replay

- Replay via Remote Manager software
- Start, stop, fast-forward, rewind and pause control

Archive Media

- CD-R (aprox 180 hours per CD), DVD+RW (aprox 1000 hours per DVD)
- Network Attached Storage: NFS v2/3, CIFS/SMB (250,000 records per archive, up to maximum hard disk capacity)
- Optional Blu-ray archive device (aprox 6000 hours per BD-RE)

Client Software

- Total Recall Max Remote Manager for Windows 2000/XP/Vista32/Vista64/7

Networking

- Two 100/1000Mb Ethernet ports
- Single RS232 port (for modem connection)
- Network time synchronization via NTP
- Alarms via SNMP
- Optional TCP/IP SMDR interface (multiple vendors supported)

System

- Dimensions: 89(H) x 437(W) x 648(D) mm (2 RU)
- Weight: 25Kg
- Hot-swap auto-sensing 350+350W PSU
- 10°C - 35°C operating temperature

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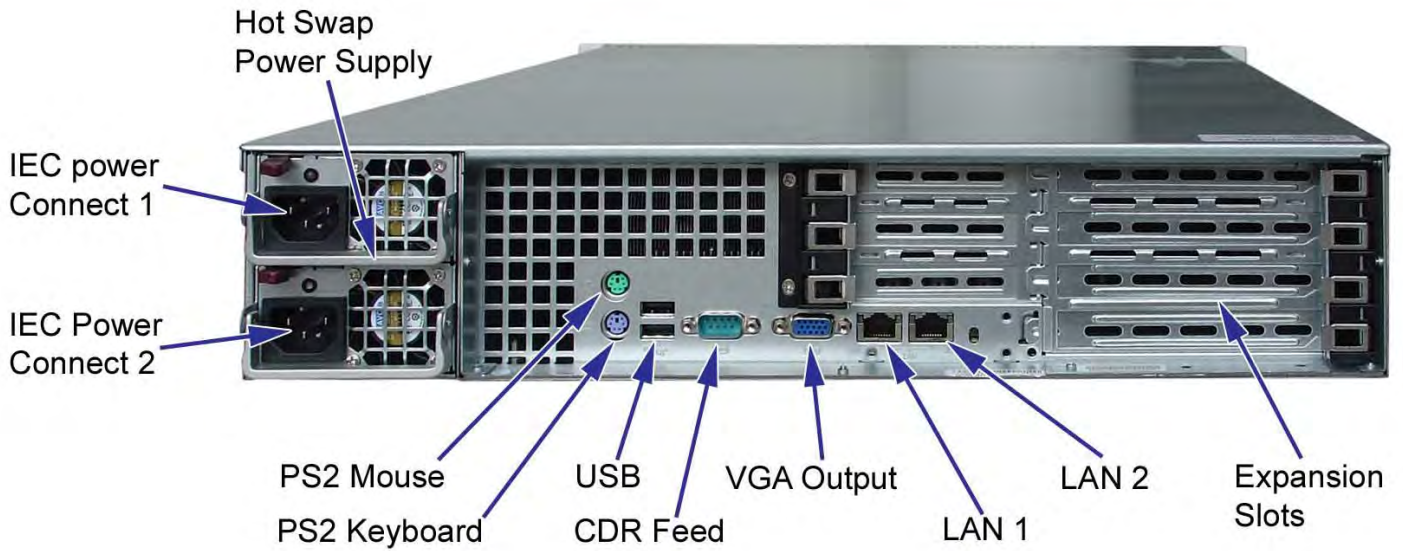
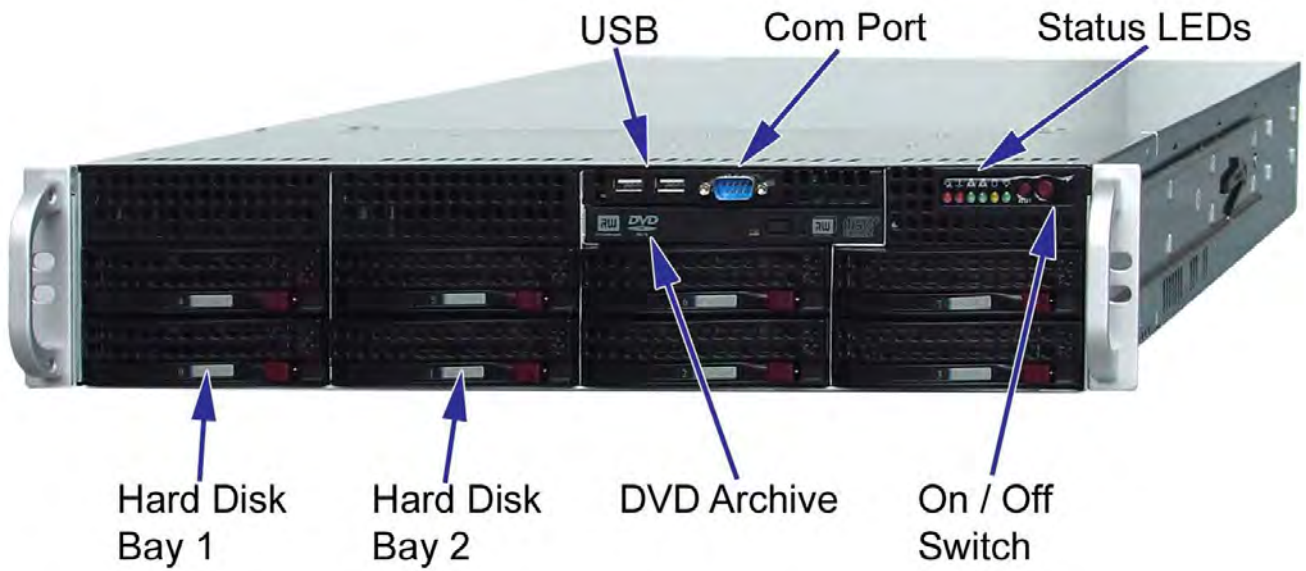


TOTAL RECALL MAX SERVER

When your business depends on
CALL RECORDING
YOU NEED TOTAL RECALL



120 simultaneous VoIP and/or PRI ISDN channels per system. Hybrid recording mode supported. Mirrored, hot-swap hard drive storage and power supplies.



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