

# Wordnet Series 3

Advanced digital recording of Telephony, Radio and VoIP communications for mission critical applications.



## PRODUCT DATASHEET

### OVERVIEW

The world's first recording solution offering combined recording of conventional analog, digital, and VoIP for telecommunications and radio systems. All in the same recorder. Delivering unprecedented levels of recording capability, capacity and flexibility, to provide the right solution for your organization.

### HIGHLIGHTS

- All-source recording – the industry's first recorder to come with digital, analog and VoIP communication (radio and telephony) recording as standard, in one box.
- Future proof – Feature ready software enables new features, functionality and interfaces to be upgraded simply by software upload, offering new features such as VoIP and Radio interfaces when you need them, putting you in control of your systems and eliminating engineer visits.
- Corporate grade capacity – Thousands of simultaneous recording sessions per system with unlimited scalability and flexibility of deployment within geographic or technological infrastructure.
- Massive, flexible storage – up to 150 Gb (25,400 channel hours) with internal hard disk. Up to 2Tb (297,000 channel hours) in a single RAID 5 array, more with the addition of multiple arrays.
- Browser front end – gives install anywhere, operate anywhere flexibility for maximum resilience, flexibility and speed of deployment.

### FEATURES

- Flexible and extendable storage options via larger internal hard disk, RAID arrays, network attached storage (NAS) or storage area networks (SAN).
- Backed by a whole family of proven replay, analysis, quality, productivity and management tools including an easy-to-use Web-based replay application.
- Fully secure remote operation, control and management over LAN, WAN, Intranet, Extranet and Internet using in-built Web interface also offering full remote support and upgrades for future functionality.
- Built in security and administration allows access privileges to be set for supervisors, managers and users.
- Rapid retrieval of wanted calls by multiple criteria including date/time, channel, called number, calling number, transaction code, user ID together with multiple user-defined factors.
- Integrates seamlessly with customers primary data needs from CAD Systems, dispatcher consoles, dealer boards, to IVR, CTI, ACD, PBX and customer databases.
- Market leading long-term storage, Archiving, to the latest storage technologies (DVD RAM, VXA-1 tape & NAS) providing cost-effective storage and retrieval for long-term retention requirements.

# TECHNICAL PROFILE

## GENERAL

Up to 128 traditional or 1750 IP recording sessions per recorder, with mixed connectivity (traditional Telephony/Radio and VoIP) and unlimited scaling.

† Actual VoIP recording capacity will depend on integration method, data compression, archive and call profile.

## ANALOG INPUTS

Analog (Telephone and radio)

## DIGITAL INPUTS

Proprietary digital extensions (support for all leading switch manufacturers)

- ISDN Basic rate (BRI)
- ISDN Primary rate (E1)
- ISDN Primary rate (PRI)
- ISDN T1 (23 & 24ch)
- T1 (DS1)
- PCM30
- PCM32 (BT Syntegra Dealerboard Interface)

## LAN REPLAY

LAN replay uses the network to transfer calls from the recording platform to the client PC for replay. It employs compressed data transfers and supports advanced replay functions offered by the companion suite of applications.

## REPLAY TO TELEPHONE

Replay of calls via the telephony network, controlled via a PC application / telephone and delivered to any registered telephone number.

## INTERNAL STORAGE

- 74 Gb internal hard disk (12,400 channel hours)
- 150 Gb internal hard disk (25,400 channel hours)

## LOCAL ARCHIVE

- Local archive options (in the recorder) are currently limited to 2 like devices per chassis. Options currently available are:
  - DVD RAM - 9.4 GB (Matsushita / Panasonic)
  - VXA-1 Tape - 12, 20 & 33 GB (Ecrix / Exabyte)
  - VXA AutoLoader - 10 tape carousel offering up to 800GB of unattended archive\*
  - RAID 5 - 320 Gb to 2Tb of fully resilient RAID storage (U-Digital)
- Local archiving can utilize the following modes for convenience, efficiency or security.
  - Autocycle - provides constant re-use of same media by overwriting records (FIFO) optimizing unattended operation
  - Sequential - Writes to archive devices in turn offering extended unattended operation

- Parallel - Writes to both archive devices concurrently, providing an identical copy of recordings on each media
- 'One drive only' or 'No archiving' can also be selected to meet individual user needs

## REMOTE ARCHIVE:

Remote archive options (connected to the recorder via LAN) are available using Network Attached Storage (NAS) or Renaissance archive options:

- Renaissance CMSU
- Any NAS Compliant peripheral

## NETWORK ATTACHED STORAGE - NAS & SAN

A selection of high-quality NAS & SAN products is available to support large storage capability over local or wide area networks. Please contact your local dealer for more information.

## COMMUNICATION INTERFACE

Ethernet 10/100 Mbit/s

## DIMENSIONS

- Width: 470mm (18.5 inches)
- Depth: 450mm (17.75 inches)
- Height: 267mm (10.5 inches)
- Weight: 32Kg (70.4 lbs.) fully populated

## POWER SUPPLY

- High quality Single AC 115/230v PSU - standard.
- Dual Hot-swap power supply providing resilient operation in the event of primary power supply failure (dual power input 115/230v PSU with alarms).
- DC/AC PSU for operation from a primary DC power source (DC Input 11v to 30v, AC Input 85v to 264v)

## UPS

APC UPSs provide support for 15 to 80 minutes power outage with controlled shutdown for the recording equipment in the event of a sustained power failure.

## APPROVALS

- EMC
- CE
- BABT
- UL - Pending\*

\* Items under development at time of going to press, please contact your local dealer for availability.

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