



## Performance at the center of communication systems

NeXspan

A company's communication system is the mainstay of its business performance.

Being an essential link between the company and its markets and partners, the communication network must be efficient, scalable and compatible with existing infrastructures. Thanks to the openness of its system, the company can remain reactive, efficient, innovative and productive. Since a lot of information is transmitted on the networks, it is also important to secure these exchanges and preserve their confidentiality.

Telephony over IP allows you to create unified networks on which voice and data are transmitted using a single protocol. It simplifies network administration and facilitates the development of applications. It makes it possible to meet better the ever-increasing customer demands in terms of answering service, quality of service, and added value.

The NeXspan range meets the high requirements of companies while enabling them to remain flexible.

# Meeting needs, Innovating and Unifying



## The NeXspan range

- ❖ *Adapts to any existing architectures*
- ❖ *Sustains the investment*
- ❖ *Increases overall company efficiency*

Aastra offers a global solution that meets all the needs of companies, from small and medium sized businesses to large networks, by providing IPBX services and media gateway enhancements for telephony over IP solutions.

The NeXspan range is compliant with telephony over IP market standards, including SIP, Wi-Fi, H323 and interfaces for CTI application and unified administration.

Thanks to its compliance with these standards, the NeXspan range adapts to any already existing IT installation and networks.

It manages all terminal types: analogue, digital, DECT, IP terminals.

The applications can be quickly and simply enhanced with customised telephone services, thanks to Web Services technologies.

## Innovative technological solution

Characterised by voice/data convergence, the NeXspan solutions contribute to the development of e-business and the Internet, and make it possible to offer unified applications based on scalable and open-ended infrastructures.

This aspect of convergence applies to infrastructures, applications and terminals, and offers users increasingly enhanced features.



# Reliability and Security

# NeXspan



## The NeXspan range

- ❖ *Meets the most sophisticated needs*
- ❖ *Offers maximum security*



## Ergonomic

- ❖ Immediate implementation, thanks to a full range of pre-configured, integrated telephone services (with over 500 functions)
- ❖ Open-ended architecture allowing easy integration of applications that offer advanced services
- ❖ Advanced services such as multimedia flow to call centres, voice mail, unified messaging, interactive voice server, unified directory, attendant consoles in Windows
- ❖ Can be used together with any other CTI interface-based (CSTA, TAPI, VTIXML) or Web Services-based application
- ❖ Compatible with SIP, H323, Diffserv, 802.1Q/p, and SNMP, which guarantees easy integration into any QoS Ready multi constructor IT network
- ❖ Upgradeable, thus ensuring optimum answering service quality

## Secure

- ❖ Guaranteed confidentiality, thanks to the security solutions integrated at all operation and administration levels, including the encryption of voice over IP communications
- ❖ Guaranteed availability and service continuity at all hardware, software and network levels
- ❖ 99.999% availability rate assured by the operating system and platform devoted to telephony
- ❖ Address translation control, call admission and authorisation services between terminals and gateways in IP mode

Finally, virtual IPBX features offer the possibility to reroute calls from one device to the other in case of unavailability.



# The NeXspan offer

## NeXspan C, S, L and D

### The NeXspan range

- ❖ *Continuously scalable*
- ❖ *Natively includes all answering services*
- ❖ *Allows functional transparency*

**The strength of the UNIQUE software** offers many size and functional enhancement possibilities.

The basic capacity of 10 to 15,000 subscribers per site can be increased to 100,000, by creating a virtual private network seamlessly and according to the needs of the company.

This network allows full transparency of services between the different sites, such as call by name, filtering and mobility services. On this network, the sharing of resources, such as messaging or contact-centre services, allows efficient management of the company's answering service.



**NeXspan C, S, L and D platforms** manage the traditional and IP telephony services of companies with 8 to 1,000 employees. In rackable 19" format, they natively integrate all the services that enable a company to offer an efficient answering service to its customers:

- ❖ Management of inbound calls with announcements, greeting messages and music-on-hold
- ❖ Upgradeable voice mail system, with answering machine option (up to 600 voice mailboxes per device)
- ❖ A powerful and user-friendly interactive voice server
- ❖ Duplication of power supply and CPU card

These services are implemented and configured locally or remotely, using a dedicated management tool.



# The NeXspan offer

## NeXspan 500 and NeXspan Communication Server

# NeXspan

### NeXspan 500, the high-capacity, top-of-the-range platform

NeXspan 500, the latest product of the NeXspan range, brings in a solution that supports up to 15,000 TDM subscribers and 8,000 IP subscribers. This IPBX can serve as communication platform or transit node (up to 250 MIC or T2).

NeXspan 500 is highly reliable due to the duplication of the system's basic components (power supply units, CPU card, and communication loop). If one component fails, the system switches over to the duplicated component. Administration is integrated into NeXspan 500, as well as many interfaces which are open to the information system.

#### Rack

19 inches

#### Modularity in form of shelves

500 TDM subscribers  
250 IP subscribers

#### Subscriber cards

16, 32 or 48 analogue  
or digital subscribers



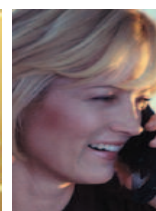
### NeXspan Communication Server (NCS)

By deploying an enhanced call processing application on a Windows 2003 Server platform, Aastra provides companies with a telephony over IP server that offers LANs and WANs the expected unified services and openness to SIP and H323 standards.

Powerful (up to 4,000 IP subscribers) and scalable (the IP capacity can be improved simply through the addition of licenses), NeXspan Communication Server offers a reliable and secure telephony over IP solution, regardless of the type of computer network.

NeXspan Communication Server is completed by NeXspan S, L, and D as well as NeXspan 500, which are used as gateways to the TDM world, like the PSTN/ISDN networks, analogue or digital sets.

Thanks to the compatibility of NeXspan Communication Server with all the IPBXs and all Aastra applications, investment sustainability is guaranteed.



# Managing NeXspan devices

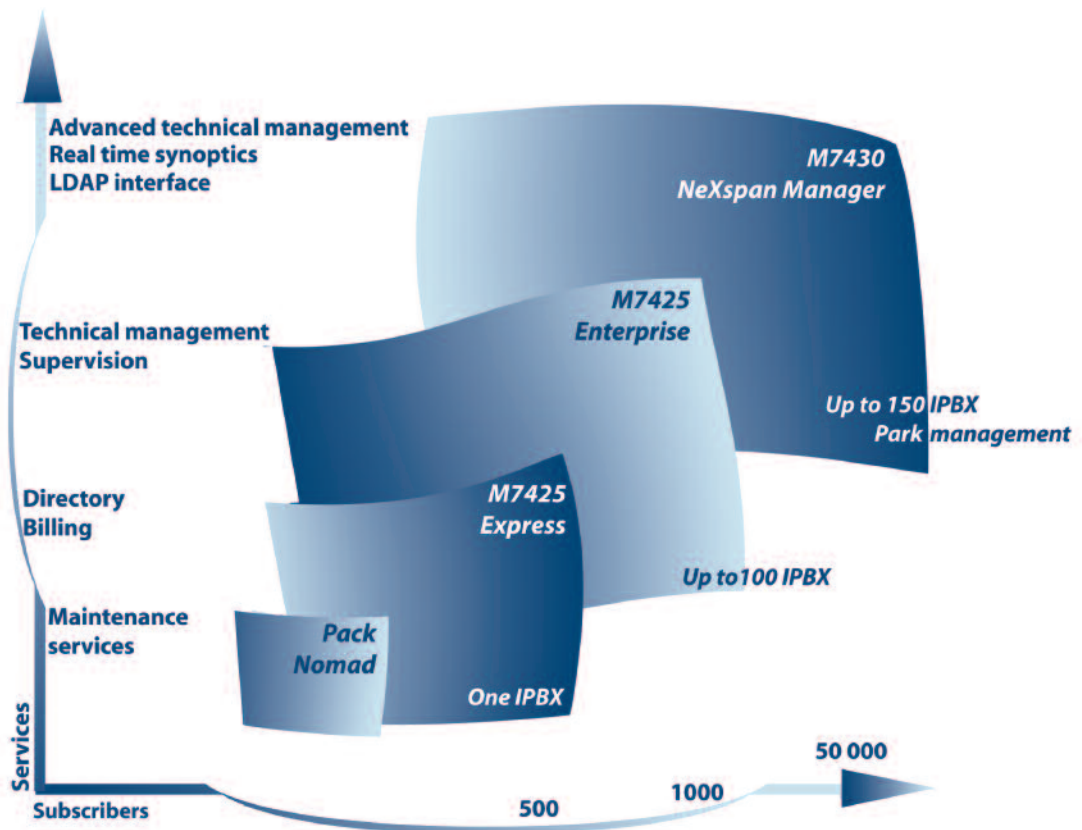
The NeXspan administration offer is perfectly adapted to the size of your company, thanks to its intuitive, ergonomic and powerful application software suite:

- ❖ **Pack Nomad** for on-site maintenance operations
- ❖ **Web MMC** for web-based remote maintenance of NeXspan IPBX by technicians
- ❖ **M7425 Express** for highly simplified management of a NeXspan IPBX

- ❖ **M7425 Enterprise** for intuitive management of a NeXspan network
- ❖ **M7430 NeXspan Manager** for advanced management of NeXspan C, S, L, D, NeXspan Communication Server and NeXspan 500 networks

Aastra offers simplified management, with the same network administration solutions for its entire range, and performance monitoring thanks to the additional traffic and charging analysis services, with customised reports.

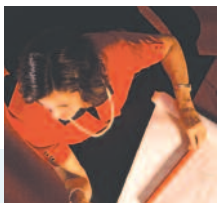
## Classifying modularity according to context of use



# Simplified management

# NeXspan

*The NeXspan administration suite guarantees high telephone-service availability*



## Directory services

Our administration software suite fully automates the updating of directory information for all applications.

This provides the user's the right services in each situation, to search for a contact, thereby guaranteeing more efficiency. To optimise the reception of their customers, they can immediately identify a caller before picking up the call, or be notified about a call.

## Centralised functions:

- ❖ Subscriber management
- ❖ Directory
- ❖ Supervision services
- ❖ Cost and traffic analysis
- ❖ Operator rights management
- ❖ Maintenance services

## Other services

- ❖ Deployment wizard
- ❖ Music management

## Advanced technical configuration

Our products M7425 Enterprise and M7430 NeXspan Manager offer centralised network-subscriber management, which assists you, among others, in centrally creating or defining telephone subscriber rights.

Of course, it is possible to automate the most repetitive management tasks. Assisted in the day-to-day management tasks, the operator can devote his or her time to activities with higher added values, for more efficiency.



