



Capacities



Scalability - Build on your investment

Worried that you may outgrow XN120 - NEC have ensured that as you grow nothing is wasted. XN120 solutions are scalable.

Start small and expand your phone system when you want to. Unlike most competitive systems XN120 does not force you to throw away your existing main cabinets when you grow to 20-30 extensions. Just add another XN120 Cabinet and keep growing.

Start as small as three exchange lines and eight extensions. With additional interface cards and cabinets you can grow to 27 exchange lines and 72 extensions. If you wish to add IP extensions then XN120 can support up to 96 extensions.

	One Cabinet	Two Cabinets	Three Cabinets
Analogue Exchange Lines	9	18	27
ISDN BRI Channels	16	32	48
Analogue/Digital Extensions	24	48	72
IP Extensions (V.2.0)	24	24	24

SYSTEM QUANTITIES

Internal Paging Zones	Standard	8	Digital Voice Mail Boxes	Optional	300
Conference Circuits	Standard	16	Digital Voice Mail Ports	Optional	8
	Optional	32	VRS Channels	Optional	16
Abbreviated Dialling - Personal	Standard	20	Door Phones	Optional	2
Operating Modes (Day, Night, etc)	Standard	8	Control Relays / Door Locks	Optional	2
			RS - 232C Port	Optional	1
Power Fail Transfer Ports	Standard	1	LAN Port	Optional	1
DDI Table Entries (ISDN)	Optional	2000	Battery Backup - System	Optional	1



NEC Infrontia UK Limited
75 Swingbridge Road, Loughborough,
Leics LE11 5JB, United Kingdom.
Tel: 01509 643100 Fax: 01509 610206
Web: www.necinfrontia.co.uk

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NEC
Empowered by Innovation

Sophisticated communication made simple



Hybrid IP Communication System





Keeping pace is one thing,
taking the lead is another

Connections



Smoothly connecting your staff, customers and partners

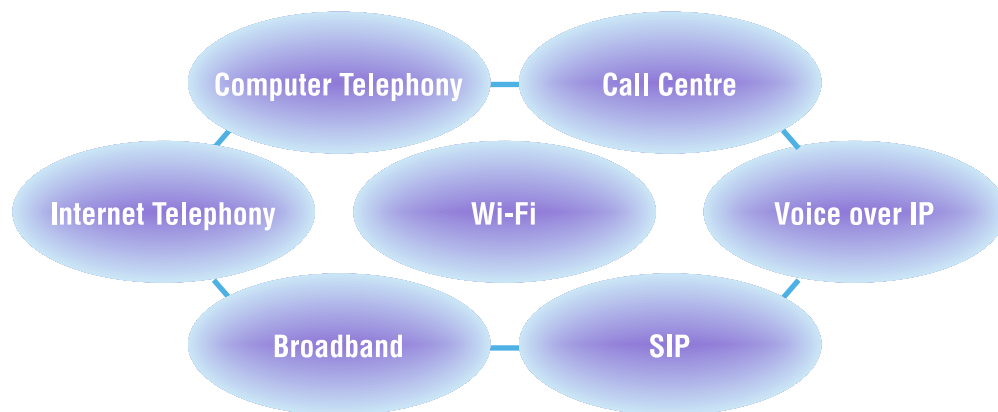
With the speed and intensity of business constantly on the rise, just keeping up with your competitors is hard enough. To grow and become more profitable, you need to find ways to get more done in less time. The key to meeting this challenge is more effective communication between your staff, customers and partners.

Introducing the XN120 Telephone System from NEC

For too long, the most powerful and innovative telephone systems have only been within the reach of large corporations. With the new XN120 this is no longer the case. Designed to satisfy the growing needs of small and medium businesses, this is a professional, flexible and easy to use voice communication system at a price that makes perfect sense.

Brought to you by a global communications leader

NEC Infrontia is part of the global communications leader NEC. For three decades, we have been supplying leading edge communications solutions to small to medium businesses throughout Europe. XN120 continues that long tradition giving you access to the features that you require. XN120 also brings investment protection by being the only SME telephone system capable of connecting to the new BT broadband SIP network.



Fast and professional customer service

No matter how good your products and services, your success is ultimately determined by how well you look after your customers overall.

Smoothly connecting to your customers and partners is what gives your business the competitive edge. It makes good business logic to ensure your new phone system can keep pace with today's rapidly changing communication technologies.

Investment protection

Are you buying a new phone system that is about to become obsolete? Take a closer look at XN120.

There may be features that you do not need today that will be vital for your business in the future. XN120 has the power to keep pace with those requirements:

- **CTI** – Linking your phone system to your computer
- **VoIP** – Using ADSL/DSL broadband or your computer/internet network to carry your long distance voice calls
- **IP Telephony** – Converged voice and data networks are here today. Connect your phones directly to your computer network.
- **WLAN** – Wi-Fi will present a more flexible alternative to simple DECT phones. Use your PDA or computer as your mobile phone linking both to your emails and your phone system

We grow with your Business

XN120 meets the requirements of the SME customer.

XN120 is the only phone system that can start as small as three exchange lines and eight extensions with competitive pricing and grow to 72 extensions without you having to replace a single item.

All growing businesses must make every penny count. With XN120 you buy what you need today, safe in the knowledge that your investment will not be wasted. Which other phone system supplier can match that?

XN120 gives you all the features you need to present an efficient, friendly and polished communications service that will delight your customers and help grow your profits.





Peace of mind

Benefits



Communication Systems for Today and Tomorrow

Communications technology is changing so fast that users may be forgiven for thinking that today's purchase will be tomorrow's mistake. Instead of the satisfaction of evaluating a major purchase, confusion and doubt is a concern for many buyers of new phone systems.

We at NEC recognise these major concerns. It is difficult to avoid using the many acronyms that surround today's technology. Unfortunately these shorthand technical terms go a long way to making our technology unintelligible for the layman.

Dispensing with the acronyms what does XN120 give you?

XN120 is the latest version of NEC communications systems that have evolved since the 1970s. It incorporates the most important features that SME users over the years have taken for granted.

XN120 will connect to the public phone network whether it be traditional such as analogue or ISDN lines or leading edge such as IP. XN120's 'future proofed' design ensures that it will also connect to any planned services such as the new BT IP network.

The flexibility of XN120 also means that you can connect any type of phone devices. Existing equipment such as modems, wireless DECT phones and answering machines can easily be plugged into this hybrid telephone system, making the most of your current investment and ensuring a seamless transition for customers and staff.

We cannot make it simpler than that. Let NEC give you peace of mind. You can then get back to running your business, not worrying about your phone system.

Sophisticated communication made simple

Efficient, flexible and manageable

XN120 has the features that give you real business benefits. For instance, if you're on one call and need to answer another, just press one button to put the original call On Hold and take the new one.

Dialling out is made easy too with features like Abbreviated Dialling and Last 10-number Redial saving you time on the most important calls. Or using CTI (Computer Telephony) use your mouse for point and click dialling from your PC.

Our Call Centre features give you 'large corporate' benefits at an SME price. XN120 can distribute calls evenly to assigned staff or in a priority order. If one group member is busy, the call forwards to the next group member. If staff are busy you can queue callers and play holding messages.

To make sure customers and suppliers receive the attention they deserve, XN120 also uses Calling

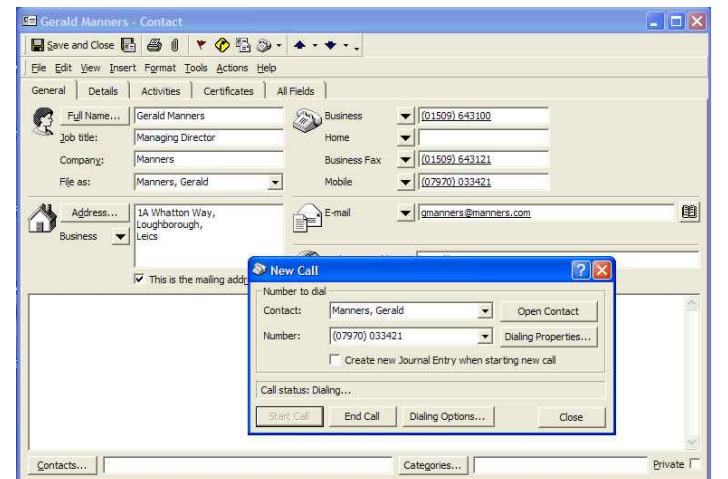
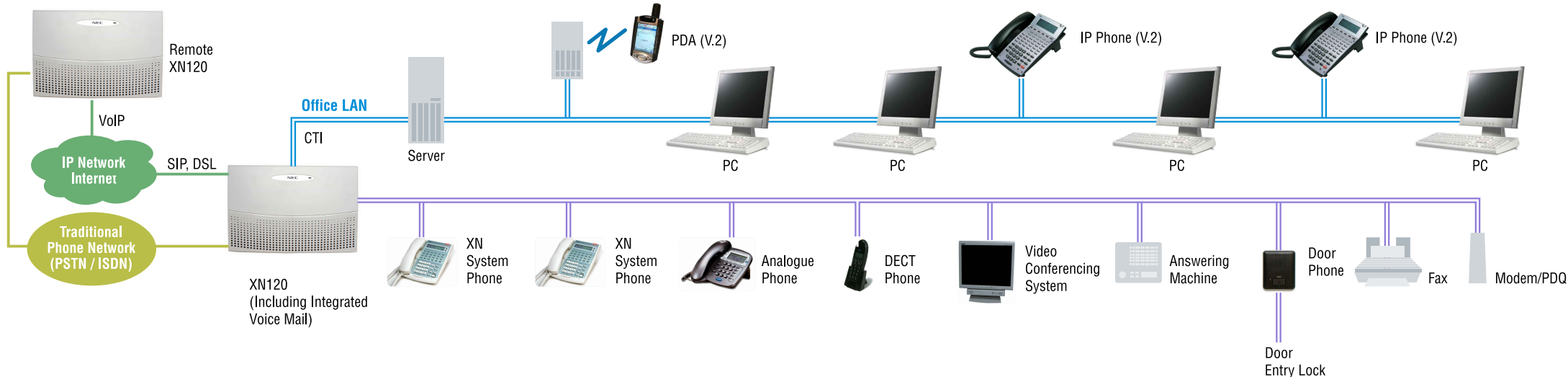
Number Display, which can identify a caller's name and telephone number. So you can answer with a personal greeting.

XN120's eight port Integrated Digital Voicemail has up to 15 hours of message time, and a host of flexible options such as pressing one button to use Conversation Record to store conversations in your mailbox.

Message Centre buttons allow two people sharing the same phone to have their own message waiting indicator. Each person can see if he/she has any new messages.

XN120 integrates with your other most important productivity aid. Your PC. Using Microsoft TAPI you can easily connect your phone to your MS Outlook Contact Manager application allowing point and click dialling and be able to pop up your callers contact details before you answer the call.

The diagram below illustrates how flexible XN120 is:





XN120 telephone

Our range of system phones make you more productive



XN TALK



XN VISION



DSS



DLS

XN Talk 22-button standard

- 12 buttons for BLF, phone lines and features
- 360° call indicator
- Dual-colour LED line button indicating call status at a glance
- 10 Personal Speed Dial Buttons
- Height adjustment and built in wall mounting
- Handsfree Loudspeech

XN Vision 22-button display

- 12 buttons for BLF, phone lines and features
- 360° call indicator
- Dual-colour LED line buttons indicating call status at a glance
- 10 Speed Dial Buttons
- Height adjustment and built in wall mounting
- Full hands free operation

DSS Console

- Operator/Receptionist add on module
- 64 function/number/busy lamp (BLF) buttons
- External/internal paging zones buttons
- Alternate Answer Call button
- 2 door phone buttons
- Day/night mode button

Add On Module

- Add on Module for Power Users
- 24 function/number/busy lamp (BLF) buttons
- Dual Colour LED buttons indicating call status

XN120 has all the features you would expect from a big budget corporate phone system. These include:

Account/Client/Project Codes – 2000
Account Codes – Forced / Verified (1000)
Automatic Operator
Automatic Route Selection (ARS)
Automatic Day/Night Service (8 Levels)
Battery Backup
Camp On/Callback
Call cost logging

Call Centre Features
Call Forwarding – Busy/ Answer
Call Forwarding – To external number
Call Forwarding with Follow Me
Call Forwarding from Doorphone
Call Park – 64 Locations
Call Queueing – Extension / Operator
Conference (16 ccts standard)

Conversation Record
Computer Integration (CTI)
DDI Step On
DDI Call Routing
DISA (16 channel voice response unit)
Doorbell/Doorphone/Door Lock
Dual Colour LED on Phones
Email Fault Reporting

Ethernet/LAN Port
Hunt Groups
Hybrid Extension Ports
Intercom Call – Voice Activated answer
IP Trunks & Extensions
Manager Intrude (Barge In)
Missed Call Indication
Music on Hold (Int/Ext)

Online Programming
Paging – Internal/external
Park and Page
Personal Messaging
Phone Lock (Access Code)
Queue Messaging
Redial
Room Monitor

S Bus/SO (ISDN)
Secretary Features
Silent Monitor
Telephone Directory – 2000 names
Trunk to Trunk Transfer
Virtual/Phantom Extensions – 50
Voice Mail – Integrated or third party



Message/Ringer Lamp
360° Vision

Display
Two Line 16 Character Display

Display Prompts
Called/Calling Name and Number
DDI Name and Number
Directory Names
Missed Calls Name/Number (10)
Second Call Indication
Text Messages

12 Line/Busy Lamp Soft Buttons
User Configurable
Dual Colour Indication
One Touch Feature Access
Show Status of Colleagues

10 Speed Dial Keys
One Touch Dialling of Frequently Called Numbers

Directory Dialling
2000 Number/Name Phone Book

Ring Tones
Differentiate External/Internal Calls

Handsfree Loudspeech

Volume Controls
Alter Speaker/Microphone/Music Volume

In-Built Wall Mount