

# Access-IP 150

Supplementary information  
Telephony & cordless



**The Access-IP range of communication systems is an ideal solution for businesses that need a cost-effective but modern telephone system that can easily expand with your business needs.**

Access-IP meets all communication requirements for simple analogue telephony, digital feature phones, DECT, ISDN or SIP lines. Every system, from the smallest to the largest, uses the same range of desk and DECT handsets. The handsets are easy to use, with menu driven interactive displays. Access-IP 150 is a small to medium business system designed for flexibility and easy expansion, and may be used as a stand-alone business system in a network or as a DECT server.

## Applications

Every Access-IP 150 has a suite of applications that includes voicemail, auto attendant, call logging, PC (CTI) telephone management, and multi-company software. Each is a licensed application that can easily be enabled. No additional hardware or software is required; simply add a license key.

- Voicemail - this application can support up to 200 user mailboxes, with secure remote access to voicemail, allowing users to access information whilst on the move. There are also five personal welcoming text options, and each mailbox is fully configurable
- OpenCTI - allows access to all the features of your phone from a web based or software browser client
- OpenCompany - this allows up to five separate organisations or groups to share a central PABX, whilst keeping call routing, users and groups completely separate
- Auto attendant - is fully integrated without the need for external equipment. It can support up to five independent menu/switchboard systems, all fully configurable
- Soft phone - this is a PC driven VoIP soft phone offering all the standard features of any other system phone with the benefit of not requiring any additional hardware. A great feature for out-of-office calls and home users

## E.164 numbering

Access-IP supports E.164 numbering in all new systems with release 9.0 software. It is used for applications such as Microsoft Outlook and FMC for dialling into the global network and the translation of numbers using E.123 format imported from another directory, i.e. the '+' character will be replaced by the default route followed by the international prefix e.g. '00'.

## Key features

- Common range of handsets and DECT base stations for all systems
- Built-in applications to enhance customer service (requires OEM call logging solution and a V24 interface card)
- Desk or PC based 'soft' VoIP telephones - carry your telephone on your laptop
- Integrated IP and IT management for DHCP, email, management accounts and services with a firewall means this system is friendly for IT users
- Analogue, ISDN lines for PSTN or internal networking
- DECT telephony or DECT over IP wireless base stations
- Indoor and outdoor wireless base stations for DECT users
- Range of easy-to-use, robust DECT handsets suitable for indoor or outdoor use
- 610d, 620d and 142d DECT handsets are equipped with SOS 'help me now' feature
- 630d is equipped with man-down alarm and SOS buttons to call for assistance
- Fixed Mobile Convergence (FMC)

## Fixed Mobile Convergence (FMC)

Access-IP provides FMC and brings cell phone integration to your PABX. The cell phone is handled as an internal phone on the PABX, with fully integrated features so there is no need for an external FMC box. The cell phone is 'connected' to the PABX using a special trunk connection. For each cell phone (FMC-user) an internal number is used to represent the phone and can be called by other extensions. Note: Mobile Client currently supported on Nokia E series cell phones with Symbian S60 OS systems.

## Technical specification

Interface card	Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Special features and maximum capacity
4 x SO	✓	✓	✓			12 SO-ISDN (24 lines)
4 x UPN	✓	✓	✓			12 ports for DECT base stations or system phones
8 x UPN	✓	✓	✓			24 ports for DECT base stations or system phones
2 x SO and 6 x UPN	✓	✓	✓			6 SO-ISDN (12 lines) and 18 DECT base stations or system phones
2 x SO and 6 x a/b		✓	✓			4 SO-ISDN (8 lines) and 12 analogue extensions
4 x a/b		✓	✓	✓	✓	16 analogue extensions
8 x a/b		*✓	✓	✓	✓	32 analogue extensions * 24 extensions if door station equipment is used
M100-AT4			✓	✓	✓	12 analogue trunks
M100-ADSL			✓	✓		DSL modem
MGW			✓	✓		VoIP card 16 channels and 48 desktop or 'soft' extensions
'Soft' MGW						Software media gateway for desktop or 'soft' extensions (the soft media gateway is disabled when the MGW card is installed. An expansion card is required for DECT)

- Providing a second Access-IP 150 requires a cascade license and system expansion for all ports except DECT
- Maximum DECT handsets: 256 system DECT phones
- 610d, 620d, 630d and 142d approved DECT-GAP phones

### Interface cards maximum capacity

- SO internal or external: 3x4 = 12 ports
- UPN for system phones or DECT: 3x4 = 12 ports, 3x8 = 24 ports
- ab for analogue devices: 3x4 = 12 ports, 4x8 = 32 ports
- AT4 for analogue trunks: 3x4 = 12 trunks
- Media gateway for VoIP: 2x8 channels = 16 ports, maximum 64 phones
- 'Soft' MGW interface (no card): 4 channels, maximum 16 phones

### Mixed cards

- 2 SO + 6 UPN
- 2 SO + 6 a/b

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Literature No: NPL104 Issue: 02



FM 20122