

Aastra BusinessPhone

Communication system for small
and medium-sized businesses



Aastra connects you with the world

Aastra is a global supplier of telecommunication systems for small and medium-sized businesses as well as conglomerates. The basis for our success are innovations, a comprehensive product portfolio and years of experience.

Our focus is on non-restrictive, open-architecture solutions. This is because we are convinced that open standards enhance the compatibility of different items and functions, thus, improve flexibility and lead to more comprehensive solutions.

Our aim is to offer communication solutions that support our customers in their day-to-day communication and enable them to organise their processes more effectively. Very important note: Aastra solutions are synonymous with investment sustainability and adapt to your company's growing daily needs.

With the BusinessPhone product line, Aastra offers small and medium-sized businesses a communication tool which is outstanding, particularly due to its adaptability and versatility.



Aastra BusinessPhone – a versatile system

Aastra BusinessPhone is the preferred choice for many small and medium-sized businesses. With the possibility of adapting to individually existing environments; the communication system is valued. Many clever functions and options are already included as standard.

Numerous application fields

Whether in hotels, homes / care facilities, industries and trading sector or administrations, the Aastra BusinessPhone is a versatile system which can quickly and easily adapt to your individual needs. The basic packages, especially attractive for new users, give access to many practical functions, including voicemail and voice control.

For 10 to 200 users

Scalable from 10 to 200 ports, i.e. with a maximum of 200 subscribers (up to 300 in special hotel applications), the communication system is ideally suited for use in small and medium-sized businesses. The communication system can be adapted to new events and extended without any problems, to meet the user's needs: Flexibility is a catchword at Aastra!

Great potential

A key asset of BusinessPhone is the possibility to network several systems on various sites. Thanks to interconnection with the Aastra large enterprise system MX-ONE, the com-

munication system also keeps pace with rapidly growing companies. What is important in the process is that individual systems continue to be adapted independently of each other.

Features on BusinessPhone

- ✦ State-of-the-art technologies like SIP, DECT and SIP-DECT open up a wide range of possibilities.
- ✦ Innovative, state-of-the-art terminals, with touchscreen and colour display.
- ✦ Mobile Extension ensures the mobile phone is fully integrated into the communication system.
- ✦ In-depth and seamless integration of third-party applications, thanks to the integrated application server.
- ✦ Computer Telephony Integration (CTI) allows the integration of the most diversified phonebooks.
- ✦ Call Manager, which adapts to individual events and can be expanded at any time.

Aastra BusinessPhone enhances business communication, offering added value and reinforcing productivity.



Aastra key expertise

Aastra develops and markets innovative and integrated communications solutions specially designed to meet the users' needs. In so doing, Aastra focuses beyond its product range on open standards, modern IP-based but also traditional communication. Unified Communications and mobility solutions round off the portfolio perfectly and enable you to freely adapt the communication system to your business needs.

VoIP

The key strong points of convergence solutions and the use of VoIP systems are that they reduce costs, increase productivity and flexibility, and offer many possibilities to improve customer service. All calls made via the company's own network incur no additional costs; with care & maintenance costs of the communications infrastructure also being reduced. The combination of IT and communication systems inside a company enhances daily business activities and enables everyone to benefit from the advantages of IP technology.



Unified & Collaborative Communications

Aastra's Unified Communications solutions integrate various IP-based communication solutions and applications; such as e-mail, voicemail, etc., as a solution package. The unified work environment can be used with mobile and PC-based terminals, or with a contact centre application.



In addition, practical functions like presence management can be integrated. This ensures, that employees are reachable and that calls are automatically forwarded through various communication channels.

Aastra BusinessPhone offers numerous functions thanks to the unification of various communication solutions. Catchwords like Voicemail to Outlook or Fax mail are synonymous with media unification. Moreover, intelligent soft clients, such as Backstage Platinum, offer easy integration and management of applications.

Mobility solutions

Aastra solutions reinforce mobility and improve team work. SIP-DECT, WLAN solutions, networked applications and, above all, the integration of GSM mobile phones ensure that people are reachable at any time and via the medium of their choice – both inside and outside the company.



With Aastra BusinessPhone mobility means properly integrating a travelling employee or an employee on outside work into the company's communication network. It also offers freedom of movement within the company premises, for instance with the practical DECT phones. Furthermore, the system solution offers special packages for home office employees, which allows them to be seamlessly integrated into the company network.

FMC (Fixed Mobile Convergence) solutions, especially Aastra Mobile Client (AMC), offer employees the possibility to integrate their mobile phone into the network and to act like an internal subscriber. All calls can be routed to and from mobile and fixed telephones, without the mobile phone number being displayed during switchover to the mobile phone. In addition, with Mobile Extension, the special BusinessPhone FMC solution in conjunction with Aastra Mobile Client; Aastra offers a simple, intuitively deployable application for GSM integration.

Mobility solutions are an important component of Aastra's Unified & Collaborative Communications portfolio.

Open standards

Aastra has consistently focused the development of its products on open standards. Open standards allow better interoperability and thus more flexible solutions. With the use of open standards and open interfaces like SIP, XML, LDAP and Aastra Web services, communication can be easily integrated into existing business processes, and flexible, intuitive solutions created. An example is the Aastra Toolkit, which improves entire company business processes with real-time communication.



Terminals with proven performance in day-to-day application

Provide you with flexibility, sustainability, guaranteed future proofing. These are the features that characterise and make Aastra communications systems outstanding. The systems are perfectly completed with appropriate terminals. The latter are highly appreciated in everyday use, not least because of their excellent quality.

Whichever systems you choose: All Aastra phones are user-friendly and reliable, with intuitive menu-driven operation.

SIP-based telephony revolutionises business communication

The convergence of voice and data with the use of an infrastructure and a common network have changed the communications market permanently. Voice is transmitted via data networks and uses internet protocol (IP).

Session Initiation Protocol (SIP) is a standard used to set up and cut links on IP networks. Many systems (telecommunication systems, Soft PBX, ...) are already using SIP for internal and external communication. Moreover, SIP-DECT offers the possibility to use mobile voice communication on these systems as well.



As one of the leading manufacturers of innovative communications systems, Aastra has years of experience in the field of VoIP for small and medium-sized businesses. With Aastra you have a reliable, strong partner that can offer you a customised solution. Your communications system should be as special as your business. That is the only way it can support and facilitate the day-to-day activities of the entire staff.

The Aastra 6700i SIP terminal range

As a leading manufacturer, Aastra has taken up the challenges of the market in terms of open standards. The experiences gained from decades of language and data-oriented development have been useful in the development of our mainly SIP-based products. Aastra 6700i-range SIP phones are proof that Aastra has succeeded in this respect. They offer all the features needed to communicate today, with an appealing design.

All the Aastra 6700i terminals are wall-mountable; this guarantees that the phone always remains in its place. In addition, these phones are ideal to place in public areas for use, with the ability of restricting premium/international, call numbers, etc.

Even more possibilities with XML

All Aastra 6700i-range SIP phones are XML-browser-compatible and offer the possibility to considerably extend the features defined in SIP. Furthermore, the services and applications required for business processes can be deployed: There are virtually unlimited possibilities to customise the phones and integrate client-specific applications and services in the display.

User definable keys can be easily adapted to suit your own specific needs. The phones can serve both as client and server and allow an XML-based communication in both directions at any time.

Aastra 6730i



Aastra 6730i is a powerful SIP phone for use in an environment with local power supply. As part of the Aastra 6700i SIP range, it has a broad performance spectrum that meets the requirements of modern business communication. Ideal for simple telephone applications in small businesses and home offices.

Aastra 6731i



In addition to the Aastra 6730i, the Aastra 6731i has an integrated switch. It can be powered either via Power-over-Ethernet (IEEE 802.3af) or a separate plug-in power supply unit. The handset is hearing aid compatible, meaning those with impaired hearing can benefit from this feature. Nine abbreviated dialling destinations can also be stored under the digit keys of the numeric keypad.

Aastra 6753i



Aastra 6753i broadens the range of functions of the Aastra 6731i to include a headset socket and a backlit display.

Aastra 6755i

Graphic items are conveniently supported among the XML functions; this guarantees, with the Aastra 6755i, a corresponding, large backlit and graphics-compatible display.



Six of the configurable keys can be filled with context-sensitive contents. If no XML function is executed, some of the functions can be stored in three levels on five of these keys. In this case, a key handles the switchover between the levels. Like with the Aastra 6753i, six other keys can be identified via a paper label.

The number of function keys can be increased via the Aastra M670i key expansion module. Up to three Aastra M670i expansion modules can be connected to the Aastra 6755i.

Aastra 6757i

Aastra 6757i has a large display which can be used to label all individually configurable function keys. The user recognises central key modifications on the phone immediately, via the labels on the display.



Aastra 6757i can support a heavy phone user in their daily work, with up to 30 function keys. The number of function keys can be increased via the Aastra M670i and M675i key expansion modules. Up to three Aastra M670i or Aastra M675i modules can be connected to Aastra 6757i.



M670i expansion keypad module



The expansion keypad modules make 36 function keys available, including line, direct dial and busy indicator. Each key has an LED, for indicating the status.

Up to three Aastra M670i modules can be connected to Aastra 6755i and 6757i without the need for an extra power supply.

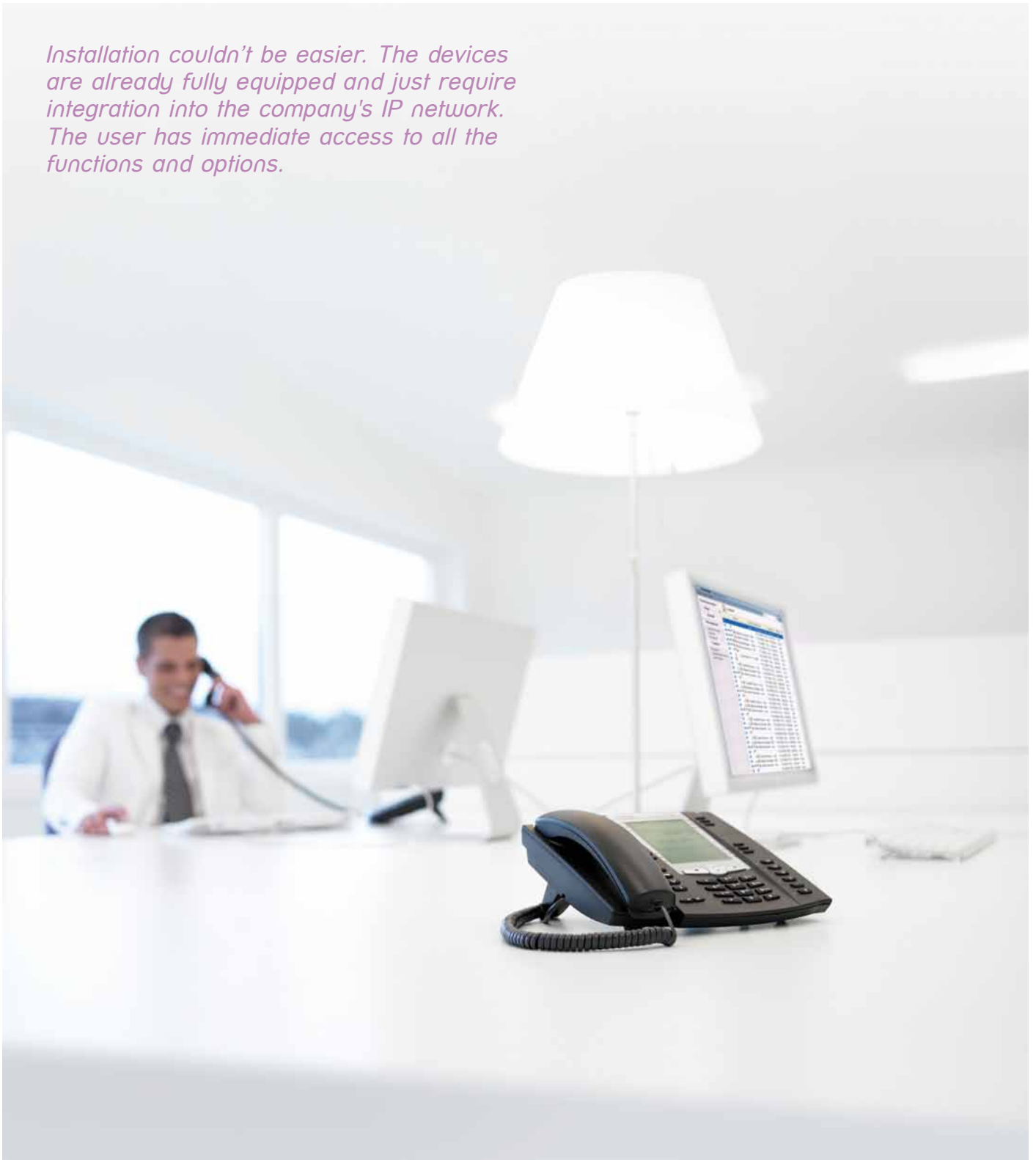
M675i expansion keypad module



The Aastra M675i expansion keypad module creates 20 additional keys for the Aastra 6757i. Each key can be assigned a number of functions in three levels, e.g. line, direct dial and busy indicator. With the M675i you can also see the status of the key function via an LED, and keys are labelled via the backlit display.

Up to three Aastra M675i modules can be used to increase the functions of Aastra 6757i, without the need for extra power supply.

Installation couldn't be easier. The devices are already fully equipped and just require integration into the company's IP network. The user has immediate access to all the functions and options.



Analogue/Digital – Dialog range of terminals

The Dialog range of terminals combine award-winning design with excellent sound quality and high-performance functions. In keeping with Aastra's philosophy, the dialog phones are also outstanding through their user-friendliness and intuitive operation. This saves precious time spent reading the user's guide: just connect the phone and enjoy the integrated functions!

Dialog 4106 Basic



This classic, analogue phone has all the important basic functions and is ideal for use in visitor or service fields. Four configurable functions keys, as well as the key-controlled LED display, give an overview of and direct access to the most important basic functions.

Dialog 4187 Plus



With its wide range of functions, analogue terminal Dialog 4187 Plus guarantees the best performance in office communication. This includes hands-free function, alphanumeric LCD display and the possibility to adjust its preferred angle to improve the legibility. The display can show the call number, time, date and call duration as well as the last numbers dialled.

The range of sophisticated functions also includes an integrated phone book with name dialling, an integrated headset socket for connecting the headset directly to the phone (changing from earpiece to headset by one key press), a mute key for deactivating the microphone, and redial storage.

The hotel variant: Dialog 4147 Medium/Hotel



Whether in the office, in a hotel or at home: This versatile, analogue phone can be adapted to various user needs without any problems. It has sixteen configurable function keys, that can be reserved for abbreviated dialling or service questions, and be locked to avoid unwanted modifications by other users. Furthermore, this phone has an additional line interface/data connection, which can be used to conveniently connect to a PC or fax

machine, as well as a key-controlled LED display for waiting messages. These functions make the Dialog 4147 Medium/Hotel ideal for use in hotels.

Dialog 4220 Lite

This compact, economical, digital terminal has all the basic functions required for office communication.



Dialog 4220 Lite is designed for users seeking to deploy traditional telephone functions with excellent voice quality. A robust user-friendly phone which can be very easily integrated into visitor or service application environments.

Dialog 4222 Office

Dialog 4222 Office is a digital work-station phone which has all the functions required for office communication.



Extremely user-friendly, with its two-line graphic display, these terminals have a hands-free function, a headset socket as well as its own headset key.

Dialog 4223 Professional

This digital multi-function model offers extensive, additional system functions for high demands.



Dialog 4223 Professional is the ideal terminal for secretariats and traditional call centre groups with ACD function. Users can easily access the display menu and the functions contained in it, such as phone book, call list, call forwarding and absence information, via the softkeys.

IP-based terminals

IP-technology-based convergence of telecommunication and information technology is very far advanced. The possibility to convey voice and data together via an existing data network has opened up new and, above all, economical ways to fundamentally improve business communication. Aastra drives these developments forward and applies its years of experience to the BusinessPhone systems.

Dialog 4422 IP Office



Dialog 4422 IP Office has all the basic functions used regularly by employees in their office. Many telephone services can be used directly via any of the 10 function keys, including voicemail. For instance, the call list can be assigned to a specific key. All information regarding incoming and outgoing calls are stored in the call list. The user can then simply browse through the entries and dial directly.

A headset socket and a separate headset key are also available on the Dialog 4422IP.

Dialog 4425 IP Vision



Dialog 4425 IP Vision is a multi-function IP phone which supports extended system functions. Ideal for the demanding and sophisticated office application. The phone has a stand and a six-line graphic display with adjustable view angle and contrast. It can be used in various environments and under various lighting conditions. The phone is very easy to operate, just like the use of the system functions, via the

Whether via the keys or touchscreen display, the Aastra 7446ip is convincing in day-to-day use with its global menu structure and operational functionality.



Aastra's IP-based communication systems combine state-of-the-art technology with top-quality, economical solutions for corporate communication.

softkeys and intuitive menu-driven operation. The menu gives access to a phone book with name-based dialling. This can be stored locally on the phone or centrally on a server, giving access via each IP phone.

Aastra 7433ip

Aastra 7433ip is the entry-level variant within the Aastra 7400ip range. The terminals are appealing with their ergonomic design, offering a user-friendly interface and, global access to all menu points and functions.



Aastra 7434ip

Aastra 7434ip is a very flexible office phone. In addition to the freely programmable keys, it can be expanded with keypad expansion modules. Cordless headsets can be used, with calls taken and ended via the DHSG headset interface (DHSG = cordless headsets).



Aastra 7446ip

Aastra 7446ip (Dialog 5446 IP Premium) is the premium terminal amongst the IP phones. Its large, colour touchscreen provides enough space for an easy-to-use interface.

Operated via symbols in the menus, making text-based entries unnecessary and allowing easy and intuitive browsing possible – significant progress in terms of user comfort.





With Backstage Platinum, Aastra BusinessPhone communication systems offer specially designed solutions used to fully integrate teleworking or home office employees into the company network.

munication. The big advantage of Aastra mobility solutions is that they are all fully integrated; you do not need to forgo your usual comforts.

Computer Telephony Integration, or CTI, offers the possibility to jointly use the functions of voice and data terminals. In so doing, the user can also use and control their phone via their workstation PC. Telephone directories can be

processed, call numbers dialled and call forwarding and transfer as well as voice-mail box controlled.



BusinessPhone mobility solutions

Colleagues must be contactable and accessible while away from the office on a business trip or with the customer. Aastra mobility solutions enable mobile workers to work when, where and with the devices they want.

Whether in or outside of the company, with FMC, SIP-DECT, WLAN or other additional Aastra solutions, you are always connected to all business applications, both via wired and wireless networks.

With Aastra GSM integration solutions you can integrate mobile phones into your communication system. This way, the user has access to all the features of Aastra BusinessPhone, even outside the business premises, including conference, hold, and call transfer.

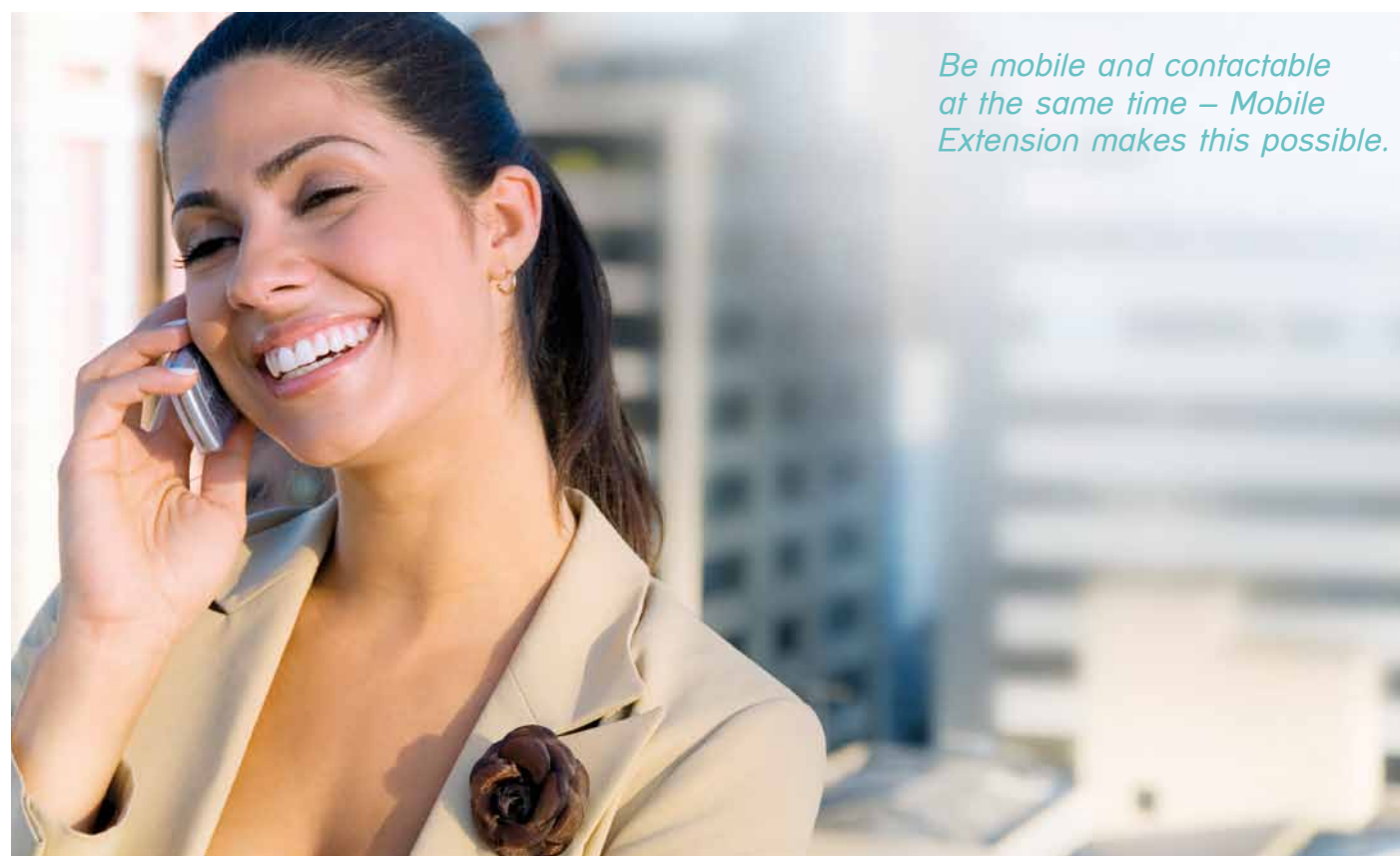
Mobile Extension (FMC – Fixed Mobile Convergence)

The office and mobile phone converge thanks to the FMC solution, Mobile Extension. Integrating GSM or WLAN mobile phones into the internal communication network and innovative features like the one-number concept, underline the importance of Mobile Extension. Calls are, for instance, forwarded to the mobile phone automatically or according to predefined rules, while the caller remains unaware of this. If the employee is busy on his mobile phone or unavailable, automatic call transfers can be set so the caller is automatically connected with reception. You can also forward calls to and from your fixed phone or identify absence messages. You can of course conveniently control the functions of the desk phone via the mobile phone.



With Aastra BusinessPhone solutions, mobile workers are always connected to their team while away from the company premises.

In order to notify your colleagues accordingly, you can change your presence status with the BusinessPhone FMC solution: this can prevent unnecessary and fruitless call forwarding. Furthermore, applications can be used to record charges (separating private and business calls if required), or Call Centre functions can be used. When used together with Backstage Platinum, it gives you the possibility to define forwarding rules. In the profile for conferences, you can specify that all calls, except a specific number, should go to the assistant.



Be mobile and contactable at the same time – Mobile Extension makes this possible.

Aastra Mobile Client

Aastra Mobile Client (AMC) ensures much easier and in-depth integration of GSM mobile phones.

The software specially designed for GSM mobile phones* offers a user-friendly interface. This guarantees quick access to numerous options and functions on the BusinessPhone system.

Call recording, enquiry and conferences can be controlled with the Aastra Mobile Client. When a call is made via AMC on the mobile, the presence indicator is changed automatically.

The functions are directly activated on the mobile and fully integrated using a software application.

* Go to www.aastra.com to see compatible GSM handsets.

The One Number concept

Aastra's One Number concept enables you to use one single call number for several terminals (for example, fixed phone, DECT, GSM) connected to the BusinessPhone communication system.

Colleagues and customers can always reach you on the same call number, regardless of location. Modifications made in the phone book or call list are also replicated onto other terminals.

You only need to give your business partners one number; you can then decide which device you wish to use.

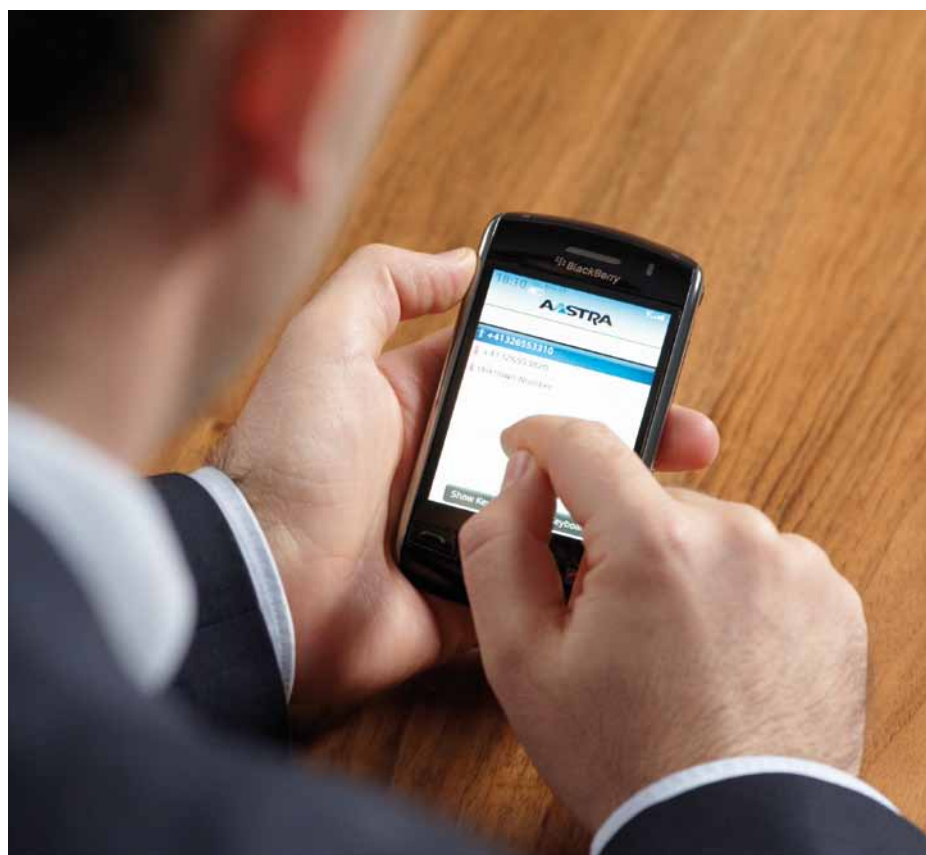
While away you can use the system functions of your BusinessPhone, thanks to Aastra Mobile Client.

Unified Messaging 2.0

The Unified Messaging solution for BusinessPhone facilitates day-to-day message management in an intelligent, flexible and intuitive manner. Efficiency and productivity increases with a central access point for voicemails, fax messages and e-mails.

This enables you to also listen to your voicemails via your email client – regardless of whether you are away or at home. E-mails are also easy to access, and have the ability to play back or forward. With seamless integration into Microsoft Outlook or Lotus Notes® via Plug-in, the use of voicemails is still more convenient, e.g. through the "click to call back" function. SMS notifications ensure that important messages are not missed.

Therefore, Unified Messaging is ideal for businesses with mobile employees who need to be in contact with their company or customers from any location.



Freedom of movement within the company premises

Aastra has for many years been one of the leading DECT system manufacturers and developers. This experience has been fully applied in the development of our DECT solutions for Aastra BusinessPhone.

DECT

The DECT (Digital Enhanced Cordless Telecommunications) technology always offers you a safe, reliable connection to the base station, even during call traffic congestion in the smallest space.

DECT connections are switched via broadband and can offer a significantly better voice quality than GSM phones. With the installation of multi-cellular radio networks with wide area coverage, you can be contacted anywhere on the company premises.

At the same time, DECT also offers the highest security, since the mobile must log on with a secret code each time a call is set up.

Aastra DT390



DT390 has a backlit black/white and grey level display. The logically structured menus contain various predefined functions. Including the central phone book, used to easily access the frequently-used functions (such as the company directory).

Furthermore, DT390 has a vibration/alarm function, standard headset socket and loudspeaker function.

Aastra DT690



Aastra DT690 has a colour display on which the intuitively deployable menu structure is presented. The phone book can be accessed directly by the touch of a button. Furthermore, user-defined functions can be conveniently called up using the multi-function key. Text messages can also be sent and received via DT690.

In addition, DT690 BT has a Bluetooth headset interface, with users having the choice of many commercially available Bluetooth headsets.

DT690 is ideally suited for use, in hospitals, since the phone can be easily cleaned with a moist cloth.

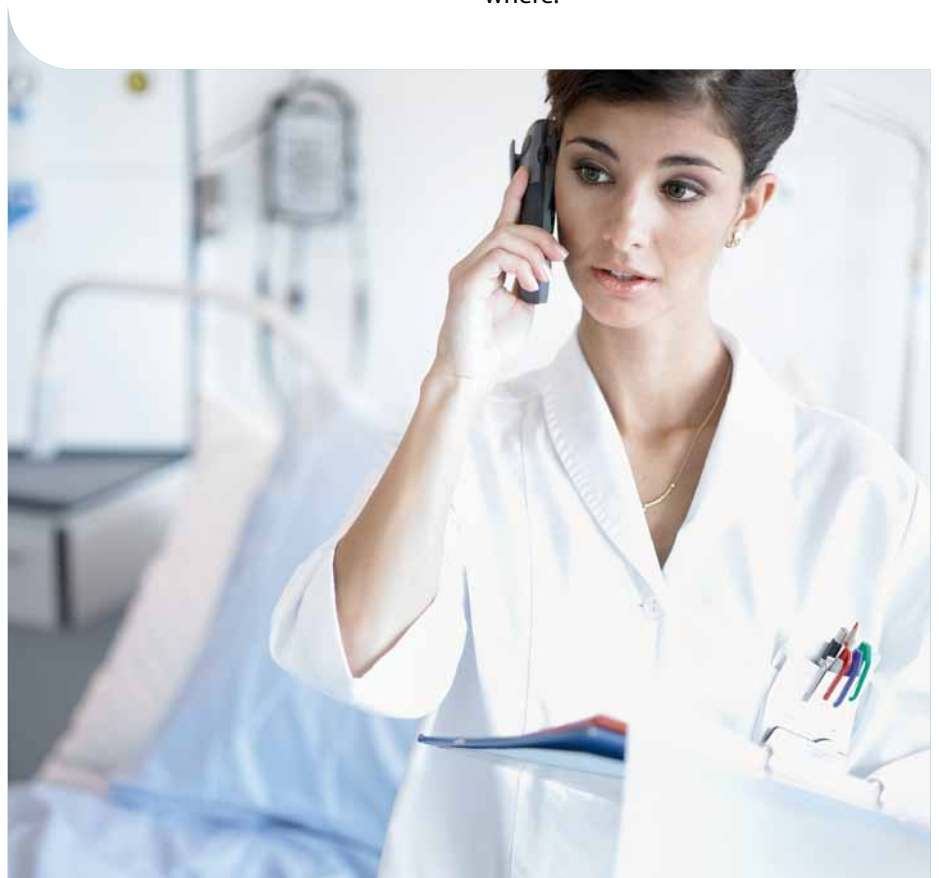
Aastra DT400



DT412 DT422 DT432 ATEX

The robust IP64 models, DT412, DT422 and DT432 ATEX, are intended for tough environments, offering all the functions you would expect from a cordless phone.

The phone is slim, robust and can be used in any type of work environment. Aastra DT400 DECT terminals prove their worth at every workstation: They are not sensitive to dirt, water, falls, and a hard working day – always and everywhere.



A further ace in terms of DECT technology: As DECT works in a reserved frequency band, disturbances from other radio networks are avoided. Therefore, the phones can also be

used in places where GSM phones are not recommended due to potential radio wave disturbances, including hospitals and doctors' surgeries.

As standard, they offer a large display with a backlit background, loudspeaker for hands-free operation, headset socket as well as integrated vibration function for discreet information.

These cordless phones are the first choice for employees in production facilities, hotels, hospitals, as well as other work environments where people are always on the move.

Cordless Portable Device Manager (CPDM)

Aastra offers much more for DECT on BusinessPhone: the Cordless Portable Device Manager (CPDM). CPDM allows you to send standard alarms and text messages via DECT phones. Furthermore, it allows all the mobile parts available on the network via PDM Charger (Portable Device Manager) to be managed centrally. With CPDM, you also have all important information handy; away from the desk.

SIP-DECT

The SIP-DECT technology brings the comfort of mobility into VoIP networks. Based on two technologies:

- ✦ Voice over IP (VoIP): voice is transmitted via the IP data networks up to the IP base station.
- ✦ DECT (Digital Enhanced Cordless Telecommunications): proven technology used to transmit voice from the IP base station to the mobile part, over the air.

It is also possible to install multi-cellular DECT radio networks with wide area coverage, where data lines exist. This may also be in remote business sites, linked together through Virtual Private Network (VPN).

Even bad weather, such as rain and snow, cannot hamper the use of DECT station RFP L34 IP. The outdoor alternative is specifically designed for outdoor operations.



Highlights of SIP-DECT

- ✦ Excellent voice quality and data transmission
- ✦ The same concept of mobile voice and data communication on one network.
- ✦ Possibility to easily create a network between sites at a moderate cost, and to expand existing networks.
- ✦ Roaming between sites connected via WLAN.
- ✦ Easy expansion of an existing network, if required

Enjoy the advantages of DECT and VoIP



RFP L32 IP / RFP L34 IP

To enable you to enjoy the advantages of the IP network and DECT technology together, Aastra has developed a combined DECT/WLAN base station (RFP = Radio Fixed Part) in addition to pure IP-DECT base stations. This way, an infrastructure, including administration for voice (DECT) and data communication (WLAN) can be used.

The IP-DECT base stations (RFP L32 IP and RFP L34 IP) and the combined DECT/WLAN base station (RFP L42 WLAN) are connected as IP terminals to the network. Voice is then conveyed up to the base station via VoIP and from the base station as DECT, over the air.

The use of SIP-DECT is ideal for all businesses that are already using the VoIP technology and who wish to integrate an extensive business premises into the communication system. Here we offer, above all, the further possibilities offered by Aastra BusinessPhone – added value: person location, amongst others, can be integrated. Furthermore, SIP-DECT is convincing with it being fail-safe and giving safe access to administration.

Aastra 142d



Aastra 142d is the SIP-DECT comfort phone for Aastra BusinessPhone. Aastra offers, with the multi-function mobile part, a high-performance phone for mobile communication within the company premises. Aastra 142d has numerous convenient functions like hands-free, backlit graphic display as well as call lists display. These

functions are completed by call filter, alarm function as well as time and date display. The storage card, which can be used on other devices, can store up to 100 phone book entries in addition to device-specific features and device reports. The hands-free function and headset socket give extra freedom of movement.

Aastra 600d DECT phones

The 600d-range offers you more than just an attractive design: Many keys are freely configurable, so that important functions can be accessed simply by a touch of a button. Furthermore, the menu on the left of the keypad gives you direct access at any time to the most important functions, such as voicemail.

All phones come with a headset socket, enabling you to make or take a call with your hands free. With Aastra 620d and Aastra 630d this is possible without any cables, thanks to the Bluetooth interface.

The 600d-range mobile terminals are well-suited for collaboration with BusinessPhone. When combined with Aastra SIP-DECT solutions, it also offers you the possibilities and advantages of VoIP technology.

A simple and intuitive menu-driven operation is also a given on 600d phones.



Numerous possibilities

The Aastra 600d range combined with SIP-DECT:

- ✦ A phone book with up to 200 contacts and seven sub-entries respectively give access to all important contact information.
- ✦ The ambient noise filter adapts the ring tone and voice volume to the existing background noise. Optimum communication is always guaranteed, especially in loud environments, and also during a voice call.
- ✦ Five different user profiles enable the phone to adapt to each work situation, i.e. through the headset or in conference mode.
- ✦ The backlit dial keys, as well as the large, colour display of Aastra 620d and 630d give the best overview at any time and facilitate usage – even in situations of poor visibility.
- ✦ A 3-colour LED on the phone gives visibility to indicate, important events, signalling an incoming call (green), flashing red when exceeding its range and orange to indicate a low battery.
- ✦ Intelligent battery management always gives an overview of the battery capacity.
- ✦ Convenient, wireless function and firmware updates via the radio network (Download over Air).



Aastra 610d



Aastra 610d

Like all models of the Aastra 600d range, Aastra 610d can be adapted to individual deployment habits and communication requirements. This includes 10 freely configurable keys, 44 polyphonic and 8 non-polyphonic ring tones, and a headset socket.

The backlit monochrome 2" display guarantees optimum overview and easy use of the menus. It can manage up to 200 contacts in its local phone book, each with 7 entries.

Aastra 610d can withstand a fall onto a concrete floor from up to 1.50 metres (DIN EN 60068-2-32).

Aastra 620d



Aastra 620d

The comfort-oriented Aastra 620d is the mobile high-end phone for professional use. The wide TFT (Thin-Film-Transistor) colour display gives excellent graphic representations and guarantees best legibility even under difficult light situations. The size of the display is ideal for ergonomic and intuitive menu-driven operation. Many freely configurable keys facilitate navigation.

Aastra 620d offers maximum freedom of movement, thanks to a Bluetooth interface for a wireless headset. The high-quality lithium battery can be charged via the USB interface independently of the charging point. The headset jack remains accessible and even allows calls to be made during the loading process. If required an optional power battery offers up to 200 operating hours in standby mode.

Aastra 630d



Aastra 630d

The tough Aastra 630d is designed for use in rough work environments.

The device is compliant with industrial standard IP65 and can also be used in open-air spaces or in production facilities. It is also ideal for the health service, since it is easy to clean and meets hygiene requirements. The 630d can fall on concrete from a height of up to 2 metres without being damaged (DIN EN 60068-2-32). It offers all the comfort features of the Aastra 620d such as a large TFT display, Bluetooth and USB interface.

The integrated sensor alarm makes it the ideal phone for use in site security services or in prisons. The additional emergency call key makes the 630d not only ideal company for security-related professions, but also for care facilities and hospitals.

Simply practical: Intelligent applications with added value

Small and medium-sized companies, in particular, often find it difficult to decide in favour of additional applications. Yet, these applications can offer various possibilities to organise processes in a more effective and transparent manner.

BusinessPhone applications allow optimum setup for a convincing price-performance ratio. BusinessPhone applications were specially designed to meet the needs of small and medium-sized businesses. For instance, to minimise the administrative burden, the applications can be implemented on the optional server (IAS) and are, fully integrated into the infrastructure.

The biggest advantage of BusinessPhone applications is that they can be managed centrally. Individuals and user groups are supported on all sites in day-to-day communication. This includes other means of communication like data exchange, information transmission and presence management.

Backstage Platinum

Backstage Platinum facilitates the integration of applications into the communication system, including Microsoft Outlook, Excel, Word and Access. This can guarantee effective communication processes, like data integration.



At the same time, Backstage Platinum offers many functions which improve communication and coordination processes between colleagues, customer and partners. E.g. contact information can be installed in communication profiles with a simple mouse click. Presence information is equally easy to check.

Advantages of Backstage Platinum at a glance:

- ✦ **Easy call management:** Call transfer, call forwarding on no reply, callback on busy, conference and call pick-up facilitate call management. Thanks to synchronisation with information from the personal

calendar, i.e., Microsoft Outlook, special rules can be defined. For instance, calls go directly to a specific colleague if the called party is at a meeting.

- ✦ **Text-to-speech dial function:** Calls can be made, simply by saying the subscriber's name.
- ✦ **Outgoing calls:** Calls can conveniently be made from an application or phone directory, with just a mouse click. Calls can be made directly from each application by marking the numbers.
- ✦ **Busy lamp field:** The practical display gives information about the status of up to 80 selected telephone extensions (free, busy, absent, diverted). In addition, absence information can be displayed, and call forwarding activated/deactivated.
- ✦ **Caller information:** The entire customer data is automatically displayed during incoming calls.
- ✦ **Call routing:** Stored caller profiles and routing functions allow automatic deflection of incoming calls to qualified colleagues, if the relevant person is not available.
- ✦ **Flexible deployment:** Backstage Platinum and all its functions can also be used at any time away from the workstation, especially via a mobile phone.

Integrated Application Server (IAS)

The IAS is an optional module for BusinessPhone 50, 128i and 250, for integrating applications into the system. The integrated application server works as an interface to the customer network, in order to monitor third-party applications and the system's interaction with the control software. New applications can be added or updated quickly with the IAS.



Intelligent BusinessPhone applications facilitate collaborative work – across work groups and independent of location.

Call Centre solutions for your BusinessPhone

The first impression counts! This is why today telephony plays a central role, since the first direct contact between businesses and potential customers is via a phone. All the more important is a professional occurrence supported by an equally professional solution. Here too, Aastra BusinessPhone has the answer, with the specially designed Call Centre solutions.

Dialog 4224 Operator



Aastra Dialog 4224 Operator is specially designed for small businesses in which call recording and transmission is handled by an employee with various tasks. Dialog 4224 Operator is tailored to the needs of attendant consoles working with BusinessPhone systems. It offers global access to the telephone system and functions. Aastra Dialog 4224 Operator supports modern system functions required by attendant consoles. The spacious, flexible, graphic 5-line display gives an overview of the structured layout. The dynamic softkeys were designed for a quick, efficient operation and easy information access.

NOW Business Operator 2007

The NOW attendant application is a PC-based solution, fully integrated into the BusinessPhone system for professional call management. The switching system offers many internal and external services, which enhance performance and provide an overview. With just a mouse click, incoming calls can be taken and forwarded, and various phone books accessed with the NOW Business Operator. The global user interface with integrated search function automatically displays all available data regarding an incoming call. The caller can, then, be greeted with his name and immediately connected to the relevant colleague. Management functions are conveniently controlled and absence information managed, as NOW interacts directly with the communication system via CTI.

Automatic Call Distribution (ACD)

The ACD solution, already an integral part of BusinessPhone, supports up to 40 agents, subdivided into 8 ACD groups. Each agent can belong to several groups.

Dynamic queue lengths and configurable call distribution make the BusinessPhone ACD function an out-of-the-box Call Centre solution.

Call Centre Supervisor

The BusinessPhone Call Centre solution is based on the Automatic Call Distribution System (ACD) and is at the heart of BusinessPhone. A basic module of the Call Centre application is Call Centre Supervisor (CCS). E.g. CCS is used to evaluate and analyse the communication processes of individual Call Centre Agents (CCA) in real time. Additional functional packages, available for BusinessPhone, can offer added value; e.g. a Windows application, which provides the user-friendly link between Windows functions and telephony. This particular function is mainly appreciated by agents.

Call Centre Supervisor Statistics (CCSS) is ideal for quick and global evaluations. With its integrated statistics and administration applications, the supervisor always has access to real time data and can, forecast for busy periods. If necessary, the BusinessPhone Call Centre application can be expanded any time.





Aastra BusinessPhone Call Manager

Aastra BusinessPhone communication system was specially designed for small and medium-sized businesses with 10 to 300 users. Call Manager offers numerous refinements which not only facilitate but also encourage communication in medium-sized businesses.

Aastra BusinessPhone systems can be used on all exchange connections, and at the same time, Aastra offers flexibility with the BusinessPhone product line.

The wide range of standardised interfaces facilitates the connection of all traditional voice and data terminals: phones, modems, PCs, fax machines, paging systems, intercoms, music sources, etc.

As the same cards and phone types are used for all systems, the system can be expanded any time without additional expenses. The phone system grows with your business.

BusinessPhone Compact

BusinessPhone Compact is the preconfigured entry-level system for small businesses with 10 to 30 users. Compact is a complete BusinessPhone system with terminals, voicemail function and access to all BusinessPhone solutions. BusinessPhone Compact is easy to expand and the ideal entry-level system for small businesses.

BusinessPhone 50

BusinessPhone 50 works in the same compact wall cabinet as BusinessPhone Compact. It has 5 slots, and it is intended for 8 to 64 subscribers.

BusinessPhone 128i

BusinessPhone 128i is outstanding for its versatility. The system adapts to your individual IP infrastructures and can be expanded without any problems. Like with all BusinessPhone systems, both traditional phones and modern IP terminals can be used. This 19-inch system is intended for up to 128 users.

BusinessPhone 250

BusinessPhone 250 consists of up to 3 wall cabinets with 9 slots each, and is the ideal solution for businesses with up to 200 users (up to 300 in the special hotel application).



A range with many possibilities: Aastra BusinessPhone offers solutions for businesses with 10 to 200 users (up to 300 in special hotel applications).

Upgrading

If you are currently using a BusinessPhone communication system, upgrading your solution is easy and at a moderate rate. This can enable you to enjoy the latest technological developments supported by your communication processes.

Best investment protection

Make it possible with Aastra investment protection: Even if you have installed an older BusinessPhone model and are still fully satisfied with it, you can at any time renew individual components or add new system terminals and functions. With the flexibility of all Aastra systems, you can continue to use existing phones and develop them on your already acquired system know-how.

Aastra has a special service for anybody wishing to take their time to get to know Aastra BusinessPhone and the numerous possibilities offered by the system. If you buy a new BusinessPhone communication system, you can have 60 days access, free of charge, to all the system's licensed additional applications. This way, you can very thoroughly examine the additional possibilities offered by BusinessPhone and convince yourself about the versatility of the solution!

Excellent investment protection: Aastra BusinessPhone adapts to the company's growth thanks to the modular concept.



Networking is a catchword for Aastra BusinessPhone! Furthermore, just like several BusinessPhone communication systems can be interconnected, the system can be connected with MX-ONE – of course worldwide!

Be properly networked

Aastra BusinessPhone is also the ideal solution for regional sites on a large network. Several small sites can be interconnected, like a big organisation with various branches.

Just like it is possible to integrate a BusinessPhone into a communication system with Aastra MX-ONE, BusinessPhone plays a central role in an IP network solution: The Aastra BusinessPhone network solution allows the integration of various communication systems and sites into a company's single, digital voice and data network. ISDN dial lines, point-to-point ISDN connections or even IP data networks can be incorporated based on an integrated IP gateway.

Terminal summary table

	Analogue			Digital	
					
	Dialog 4106 Basic	Dialog 4147 Medium	Dialog 4187 Plus	Dialog 4220 Lite	Dialog 4222 Office
Use					
Basis	•				
Standard		•	•	•	
Professional					•
Exchange					
Display					
Lines and/or pixels	–	–	2	–	128*25
Backlighting	–	–	–	–	–
Adjustable	–	–	•	–	–
LEDs	2	3	5	12	13
Keys					
Line keys	–	–	–	2	2
Navigation key(s)	–	–	–	–	–
Volume keys	•	•	•	•	•
Function keys	4	8	10	12	13
Mute key	•	•	•	•	•
Loud speaker key	–	•	•	•	•
Enquiry key	•	•	•	•	•
Waiting-message key	•	•	•	•	•
Features					
Redial	•	•	•	•	•
Call number display (CLIP)	–	–	•	–	•
Call waiting	–	–	–	•	•
Hold	–	–	–	•	•
Conference	–	–	–	•	•
Loudspeaker	–	•	•	•	•
Hands-free	–	–	•	–	•
Phone book	–	–	•	•	•
Call list	–	–	•	•	•
Hearing-aid-compatible	•	•	•	•	•
Connection possibilities					
Headset	–	RJ11	RJ11	–	RJ11
Expansion keypad modules	–	–	–	–	1*KPU
LAN	–	–	–	–	–
10/100 Mbit Ethernet ports	–	–	–	–	–
Additional Information					
Wall mounting	•	•	•	•	•
Power supply	Line	Line	Line	Line	Line
Additional line interface/data jack	–	•	•	–	–
Dimensions L/W/H (mm)	231/159/101	231/159/101	234/240/102	231/159/102	231/159/102
Weight (g)	620	630	820	627	670
Colours	light grey/dark grey	light grey/dark grey	light grey	light grey/dark grey	light grey/dark grey

- Available
- Not available

IP



Exchange



Dialog 4223 Professional	Dialog 4422 IP Office	Dialog 4425 IP Vision	Aastra 7433ip	Aastra 7434ip	Aastra 7446ip (Dialog 5446 IP)	Dialog 4224 Operator
	•	•	•			
•				•	•	•
240*39	128*25	320*80	128*36	3 graphic lines	4.3" colour touchscreen	320*80
–	–	•	–	•	•	•
•	•	•	–	•	–	•
13	13	23	9	18	3	19
2	H.323:1/SIP:3	H.323:1/SIP:3	1	1	1	–
–	–	•	•	•	•	–
•	•	•	•	•	•	•
13	13	23	5	13	4	20
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	–
•			•	•	•	–
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	–
•	•	•	•	•	•	–
•	•	•	•	•	•	•
•	•	•	•	•	•	•
•	•	•	•	•	•	•
RJ11	RJ11	RJ11	–	RJ45/DHSG ready	RJ11	RJ11
4*KPU	1*KPU	4*KPU	–	3*KPU or 2*DPU	–	4*KPU
–	•	•	•	•	•	–
–	2	2	2	2	2	–
•	•	•	•	•	–	•
Line	PoE	PoE	PoE	PoE	PoE	Line
–	–	–	–	–	–	–
231/204/102	230/159/92	234/240/102	230/175/45	230/175/45	320/225/160	234/240/102
837	670	978	800	800	1100	978
light grey/dark grey	light grey/dark grey	light grey/dark grey	dark grey	dark grey	light grey/dark grey	light grey/dark grey

Terminal summary table

	DECT				
					
	DT412	DT422	DT432 ATEX	DT390	DT690
Use					
Comfort device				•	•
Industrial device	•	•	•		
Display					
Lines and/or pixels	128*64	128*64	128*64	112*115	128*160
Backlighting	•	•	•	•	•
Colours	Monochrome	Monochrome	Monochrome	Monochrome	Colour
Keys					
Backlighting	•	•	•	–	–
Navigation key(s)	•	•	•	•	•
Configurable keys	10	10	10	–	–
Features					
No-movement alarm	–	•	•	–	–
Man-down alarm	–	•	•	–	–
Escape alarm	–	–	–	–	–
Preparation for dialling	•	•	•	•	•
Name-based dialling	•	•	•	•	•
Call waiting	•	•	•	•	•
Hold	•	•	•	•	•
Conference	•	•	•	•	•
Call list	•	•	•	•	•
Redial	•	•	•	•	•
Voicemail	•	•	•	•	•
Phone book	•	•	•	•	•
Loudspeaker	•	•	•	•	•
Hands-free	•	•	•	•	•
Headset mode	•	•	•	•	•
Vibration alarm	•	•	•	•	•
Phone lock	•	•	•	•	•
GAP support	•	•	•	•	•
Protection class	IP64	IP64	IP64, ATEX	IP40	IP44
Connection possibilities					
Headset socket	•	•	•	•	•
Bluetooth	–	–	–	–	DT690 BT
Operating data					
Max. standard battery autonomy in standby mode	120 hr	120 hr	120 hr	180 hr	240 hr
Max. power battery autonomy in standby mode	–	–	–	–	–
Call time with standard battery	12 hr	12 hr	12 hr	16 hr	20 hr
Call time with power battery	–	–	–	–	–

¹ Supported in a future release

• Available

– Not available

SIP-DECT

[illegible]

BusinessPhone system in action

Special sectors are particularly demanding in terms of communication systems. Aastra BusinessPhone offers the right system for each sector, with specific solutions and customised packages.

Industry and trade

Close internal and external networking with customers and suppliers, as well as intensive communication in which a phone is the number one medium, have special communication system requirements. This is no least because many different departments have access to the same systems or even generally work together in project groups. Aastra BusinessPhone provides support, with its special solutions. With the use of Backstage Platinum, customer data can be processed directly onto a PC and are directly accessible to all project members. All relevant customer information is displayed as soon as the phone first rings on the PC, so that employees immediately see relevant details.

At the same time, a big proportion of trade and industry employees spend a lot of time away from the company. Consultation with colleagues on site is mostly via the mobile phone. With Mobile Extension and Aastra Mobile Client, integrated into the BusinessPhone communication system, mobile employees have access to all functions and can conveniently control their communication.



Health and social services



Phones also play a central role in hospitals and care facilities. Whether it is to book appointments, to enquire about the situation of a relative or for consultations, in health and social services several hundreds of calls a day is not uncommon.

The basic design of the BusinessPhone Call Centre solution takes a load off the relevant personnel. Calls can be transferred quickly to the relevant department thanks to Computer Telephony Integration, the latest and most important data is already displayed when the call is taken.

The mobility requirements of health-sector employees are equally very high. Doctors and health care personnel are often moving about, and out all day. With mobile DECT-based communication solutions, the care personnel is mobile and contactable at all times within the building. A big advantage of the DECT standard, compared to mobile radio communication, is that it does not disturb sensitive devices and can, be used in intensive care units.

Hotels and guest houses



BusinessPhone Hospitality is the communication solution for hotel businesses. The guest is provided with a private phone, which is appealing not only because of its design but also because of its user-friendliness. The phones can be used, for many situations, as a baby monitor, intercom or alarm.

For reception and administration areas, private phones are available with its predefined functions and freely configurable keys, including LED display. The phone takes on many functions and can store the guests' arrival and departure dates as well their data and display them during a call from the room. When the phone rings for the first time the employee at the reception desk has the most important information about the guest and can then greet them by their name. Furthermore, the controlling of door locks and room status management can be accessed via the phone.



About Aastra

Aastra Technologies Limited (TSX: "AAH"), is a leading company at the forefront of the enterprise communication market. Headquartered in Concord, Ontario, Canada, Aastra develops and delivers innovative communications products and applications for businesses. Aastra's operations are truly global with more than 50 million installed lines around the world and a direct and indirect presence in more than 100 countries. Aastra is entirely dedicated to enterprise communications and offers one of the most complete portfolios of unified communications solutions individually tailored to satisfy its customers' requirements. These range from feature-rich call managers for small and medium businesses and highly scalable ones for large enterprises, integrated mobility, call centers solutions to a wide selection of terminals. With a strong focus on open standards, Aastra enables enterprises to communicate and collaborate more efficiently.

For additional information on Aastra, visit our website at:

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