



Aastra MX-ONE™ Compact

Communications without limits

The MX-ONE™ Compact is an “all-in-one” UC solution addressing small and medium-sized enterprises.

It is based on the well established MX-ONE™ portfolio and consists of a number of bundled base blocks and a set of optional products.

MX-ONE™ Compact combined with its applications gives the right mix of components to provide the right solution to fit your organization’s needs.

Aastra MX-ONE™ Compact

MX-ONE Compact is an IP PBX solution based on the well established MX-ONE™ portfolio and consists of a number of bundled base blocks and a set of optional products. Aastra MX-ONE™ Compact is addressing small and medium- sized enterprises in the 50 to 300 user range. MX-ONE™ Compact combined with its applications gives the right mix of components to provide a complete solution.

Base offer includes:

- Aastra MX-ONE™ Telephony Server
- Aastra MX-ONE™ Manager Provisioning
- Aastra MX-ONE™ Compact SM or MX-ONE Media Gateway
- Aastra MX-ONE™ Messaging Voice
- Aastra NOW Business Operator package
- 3 years Software Assurance

Optional:

Additional extension licenses, IP or Mobile, up to a maximum of 300 users and:

- Aastra Mobile Client
- Aastra Solidus eCare™
- Aastra Soft Client
- Aastra CMG Calendar Connection
- Aastra CMG Visit Management
- Corresponding 3 years Software Assurance

MX-ONE™ Compact Limitations

Restrictions to MX-ONE™ Compact:

- Single site, 1 server, scaling to a maximum of 300 users.
- Only MX-ONE™ Compact and MGW IP-ME hardware.
- The server for CMG, Solidus eCare™ or MX-ONE™ Messaging are delivered as software solutions. However, as an option MX-ONE™ Messaging can be ordered pre-configured on a HP server. Hardware must be ordered as an optional add-on or separately.
- Solidus eCare™, up to 20 agent licenses.
- MX-ONE™ Messaging is delivered with all standard voice mail services (basic user licenses). Unified Messaging features (advanced user licenses) and Fax are optional and must be ordered separately.

MX-ONE™ Compact related datasheets

Please refer to the documents listed below for more detailed information about each product's functionality and capacity.



MX-ONE™ Compact related datasheets

Aastra MX-ONE™ Telephony System	MX-ONE™ Telephony System	EN/LZT 102 3899
Aastra MX-ONE™ Manager Provisioning	MX-ONE™ Manager Provisioning	EN/LZT 102 4046
Aastra MX-ONE™ Messaging	MX-ONE™ Messaging Voice, Mail 4.2 and Fax Mail 4.2	EN/LZT 102 3773
Aastra NOW Business Operator	CMG Server, Office Web/ Office Quick NOW 2007 attendant console	EN/LZT 102 4025
Aastra Mobile Client	AMC version 1.5	EN/LZT 102 4043
Aastra Solidus eCare™	Solidus eCare™ 6 Agent Applications	EN/LZT 102 3893
Aastra Solidus eCare™	Solidus eCare™ 6 Management & Administration Applications	EN/LZT 102 3894
Aastra Solidus eCare™	Solidus eCare™ 6 Self-Service Applications	EN/LZT 102 3895
Aastra CMG Calendar Connection	CMG Calendar Connection 2007	EN/LZT 102 4042
Aastra CMG Visit Management	CMG Visit Management	EN/LZT 102 4069
Aastra MX-ONE™ Mobile Extension	MX-ONE™ Mobile Extension	EN/LZT 102 3765

MX-ONE™ Telephony System 3.2 Building Blocks

In the MX-ONE™ architecture, a server and a media gateway can be combined to form either a complete stand-alone system or used as components in a larger multi-server system. MX-ONE™ Compact is packaged as a stand-alone system with one call control server and the necessary media gateway resources.



Server Options

This option is supplied as turnkey solution based on HP ProLiant. Main technical characteristics:

- Intel® Xeon® Processor X5420 2.50 GHz
- 2GB RAM, 72GB HDD, redundant fans
- Redundancy options:
 - RAID hot-plug disk drives
 - Redundant power supply
- Both the LINUX™ operating system and Telephony Server application software are installed and pre-configured.

Software only is available for use with general standard servers. Main server requirements:

- SUSE LINUX™ Enterprise Server 10
- CPU, 3 GHz
- RAM, 2GB
- Hard drive, 40 GB

Embedded Server Unit (ESU) and MX-ONE™ Server

The Embedded Server Unit is a solution available in a 19-inch-based 1U Chassis called MX-ONE™ Server Unit. The MX-ONE™ Server Unit can host a variety of applications, such as messaging applications or any other application you may want to install. The MX-ONE™ Server Unit requires little space and only 20 watts of power.

Main characteristics

- Intel® Pentium-M CPU, 1.4 GHz
- RAM, 2GB
- Hard drive, 40 GB
- Same software as Telephony Server

Media Gateway

The function of a media gateway is to form a bridge between the IP and classic telecommunications worlds. The Media Gateway is a 19-inch, rack-mounted unit enclosed in a 1U box, with the following features:

- Telephony interfaces to IP networks (LAN), as well as to public (PSTN/PLMN) and private circuit-switched networks
- 8 T1/E1 network interfaces
- 4 POTS analog terminal interfaces to connect G3 fax machines or emergency phones
- 96 digital signal processors (DSP) to convert non-IP voice signals to IP and vice versa (Codecs)

MX-ONE™ Compact SM

The Compact is a 2U box consisting of a 19-inch ESU and a Media Gateway. It is a complete IP PBX for IP or mobile extensions. MX-ONE™ Compact SM is a cost-efficient solution requiring little space and power—just 45 watts. This 2U solution combined with a MX-ONE™ server 1U unit, provides a complete solution including all applications. Power consumption is just 65 watts, providing considerable cost savings. Server and media gateways can be combined in many ways to provide cost-efficient solutions for a multitude of scenarios.

MX-ONE™ Telephony System for MX-ONE™ Compact (Maximum per system)	
Number of total users	300
Number of IP extensions	300
Mobile extensions in Media Gateway	300
Number of trunk/tie-line channels (T1/E1)	240
Capacity of IP DECT	100 Base stations and 300 handsets

MX-ONE™ Manager Provisioning

MX-ONE™ Manager Provisioning is accessed from a standard web browser such as Microsoft Internet Explorer or Mozilla Firefox via HTTP. MX-ONE™ Manager Provisioning can also be configured to require secure HTTPS access.

Installation and Configuration

MX-ONE™ Manager Provisioning can be installed on the same hardware as the MX-ONE™ Telephony Server software or on a separate server using the Suse Linux operating system. Regardless of where installed, MX-ONE™ Manager Provisioning will always use the Manager Telephony System software to communicate with the Telephony Servers.

One single MX-ONE™ Manager Provisioning installation can be used to manage several MX-ONE™ Telephony Servers and with the "Automatic login to Manager Telephony System" feature it is easy to access all configured MX-ONE™ Telephony Servers for system data modifications. Besides administrators also end-users (subscribers) of the Telephone System will benefit from MX-ONE™ Manager Provisioning.

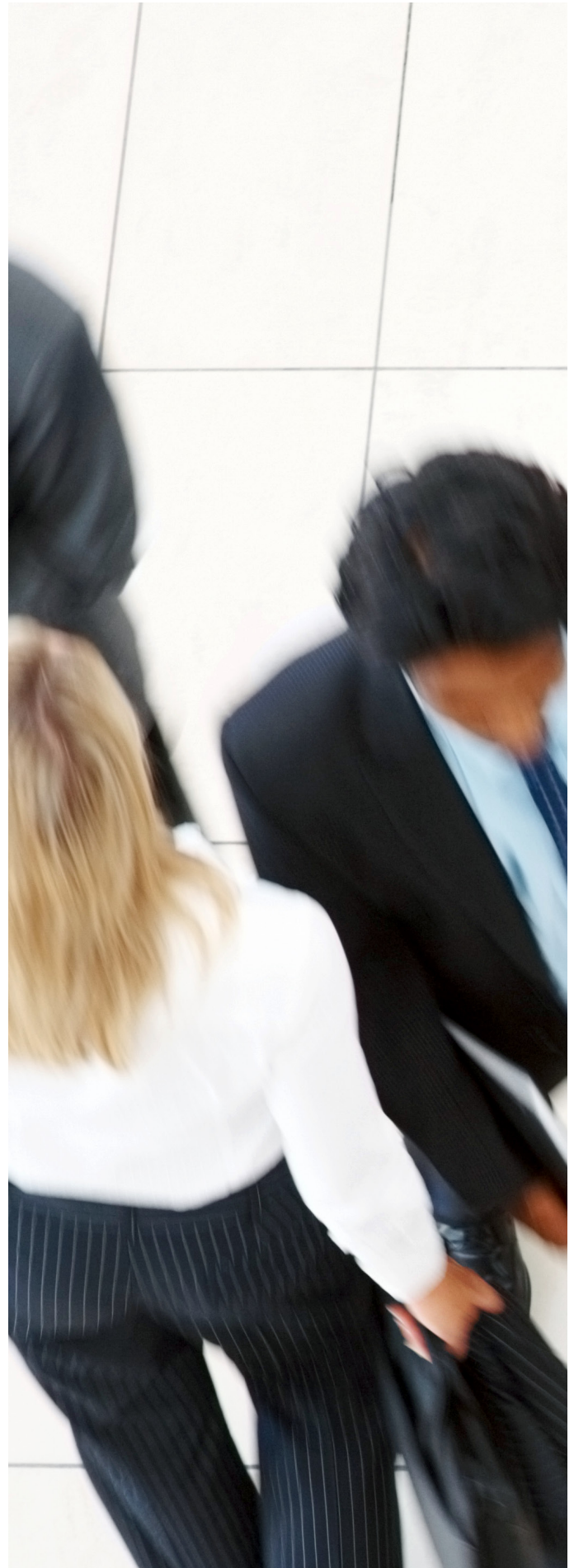
MX-ONE™ Manager Provisioning can be configured to allow any user to log on to modify and activate their individual Personal Number ring lists and edit function keys on their individual phone sets.

With the automatic "forgot your password" feature the system can handle forgotten password situations by emailing a new password to the end-user without any manual administration. MX-ONE™ Manager Provisioning provides a SOAP interface for third party applications to integrate with MX-ONE™ management functions and MX-ONE™ user and system data. This interface is described in the interworking document (59/155 19-ANF 901 15 Uen B1) found in the MX-ONE™ customer product information.

Technical requirements

The MX-ONE™ Manager Provisioning Server requires: SUSE Linux Enterprise Server 10 Service Pack 1 Optional: SMTP compliant mail server The MX-ONE™ Manager Provisioning interface is tested with Microsoft Internet Explorer 6.0 & 7.0 and Mozilla Firefox 2.0 & 3.0.

MX-ONE™ Manager Provisioning is compatible with MX-ONE™ Telephony Server 3.2 (all Service Packs) and with MX-ONE™ Messaging 4.2.



MX-ONE™ Messaging

Designed as a scalable solution for use in small offices or at large multisite corporations, MX-ONE™ Messaging Voice Mail can handle the most demanding voice messaging needs of any company. MX-ONE™ Messaging Voice Mail, included with the base MX-ONE™ Compact offer, is a feature-rich voice messaging system supporting all the traditional voice mail features and can be expanded into a complete Unified Messaging and Fax system. MX-ONE™ Messaging Voice Mail also provides auto-attendant capabilities that can be used to route incoming calls based on the called party's preferences and activity settings without an operator. The Voice Intercept Messaging (VIM) option, enables users to set their preferences and absence activities, with contextual greetings based on the user status. Inbound callers are then informed as to a users availability and offered options so the the calls can be routed accordingly. Users can access their Voice mailbox using a web browser or via their mobile or office phone to listen to their messages and manage their preferences. MX-ONE™ Messaging Voice Mail is the perfect solution for an organisation's voice messaging needs.

By adding optional features, such as E-mail integration, MX-ONE™ Messaging Fax and Text-to-Speech, MX-ONE™ Messaging is a full featured Unified Messaging application that lets users access their messages anytime, anywhere through any device. All messages—whether voice, fax or e-mail—are available through your phone of choice via text-to-speech or your computer desktop via Microsoft Outlook, Lotus Notes, Novell GroupWise or any IMAP4-compliant e-mail system.

This instant accessibility leads to greater productivity and efficiency, giving your company a vital competitive edge. MX-ONE™ Messaging combines the best of two worlds, namely data and voice in an integrated, easy-to-manage convergence-based communication server. By providing your workforce with advanced voice mail, inbound and outbound faxing, you are giving your users that competitive edge, both individually and as part of the team.

For more detailed information about MX-ONE™ Messaging Voice, Mail 4.2, Fax Mail 4.2 and Unified Messaging please refer to datasheet EN/LZT 102 3773.

Feature	Voice Mail	Fax Mail	UM
Advanced Voice Mail	Standard	Optional	Standard
Automated Attendant	Standard	Optional	Standard
*Voice Intercept Messaging (VIM)	Optional	Optional	Optional
Networking	Optional	Optional	Optional
Message Notification	Standard	Standard	Standard
IP Integration	Optional	Optional	Optional
Multiple Language Support (2 standard)	Standard	Optional	Standard
Advanced Inbound/Outbound Fax	Optional	Standard	Optional
Fax on Demand (Fax Text)	Optional	Standard	Optional
Advanced Fax Application Suite	Optional	Optional	Optional
*Text to Speech	Optional	Optional	Optional
Global User Administration	Optional	Optional	Optional
E-mail integration	Optional	Standard	Optional

Standard
 Optional

NOW Business Operator

NOW Business Operator is a product package for small to medium sized enterprises based on Aastra Contact Management Suite (CMG).

NOW Business Operator package includes three major CMG components:

1. CMG Directory Server,
2. Office Web/ Office Quick
3. NOW 2007 attendant console

CMG Server is the heart of the program suite Aastra CMG. It includes an SQL database with the company phone list and an activity database with information used for call management.

Office Web / Office Quick gives end users control over their incoming calls, for example when they are in a meeting or on a business trip. The user may also access an online phone list with presence information for colleagues in a contact list or group.

NOW 2007 attendant console is designed for telephone operators to handle large amounts of both internal and external calls on a highly efficient manner. In an automatic pop-up window displays output and contact profile of the connected call.

Since the system is integrated with Aastra CMG phone list, and the continuously updated CMG activity database the operator can directly provide accurate information about thousands of workers: accessibility, ongoing activities, when the person can be reached, place in organizational structure, if a colleague can take the call, etc.

System Requirements

Client

- Intel based PC, min 300MHz, 128 MB RAM
- Monitor min 17", recommended resolution 1024x768
- Windows 2000 Pro, XP Pro, Vista
- Internet Explorer 5.5, 6.0 or 7.0
- Network interface

CMG system

- CMG Directory Server 2007 is delivered with the NOW Business Operator package. Note that it is limited to 300 date base entries.

For more detailed information about NOW Business Operator package please refer to datasheet EN/LZT 102 4025.

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