

Aastra MX-ONE™

The open path to UC and Mobility



Breaking down the barriers

MX-ONE has an unparalleled history of offering investment protection to an impressive installed base of 55 000 customers in more than 100 countries.

MX-ONE is a server-based IP-PBX with unrivaled capabilities for mobile users. In fact, there are so many fantastic features in the new version of MX-ONE that rather than just listing them, we thought it would be better to explain why we put them there and what they can do for you and your business.

And that's so much easier. Because communication is at the heart of every business and MX-ONE brings a new dimension to your business by breaking down

all communication barriers. To begin with, it has a fully distributed architecture that can be deployed in a flexible manner – either centralized or distributed. Secondly, MX-ONE is based on open software and hardware components and uses standard servers. And best of all, MX-ONE integrates voice and data, fixed and mobile communication, as well as public and private services. This in turn means happier customers, better service, more loyal employees and satisfied investors.

That was the quick version. Read on to find out more about how your enterprise can become more competitive with communication without limits.

“Communication is the real work of leadership.”

Nitin Nohria





Flexibility at its best

Freedom of choice

Aastra MX-ONE is the ultimate IP communications system. It gives you the flexibility to respond to specific communications needs, and to offer users the right services, wherever they are, using the device of their choice. Since voice, data, video and applications all converge over one network – public or private, fixed or mobile – you can access all your office functions, (such as presence management applications and phone services), as well as manage your calendar and contacts.

Open standards

MX-ONE is based on an open software and hardware environment and uses standard servers with a Linux SUSE operating system. It takes your communication from a TDM-circuit-switched based solution to the communication of the future: a converged-voice-and-data-IP based communication system.

Distributed architecture

The latest MX-ONE's distributed architecture offers customers unparalleled flexibility, which allows the MX-ONE Telephony Server to scale from 50 users up to 500 000 users in one single system – which is 10 times more than previous versions. Now that's scalability!

Invest at your own pace

You don't need to worry about making expensive investments all at once. MX-ONE can be implemented immediately or adapted to market shifts or to changes in your organization. You can place new modules wherever you need to, either centrally or spread out over a wide network.

"Good communication does not mean that you have to speak in perfectly formed sentences and paragraphs. It isn't about slickness. Simple and clear go a long way."

John Kotter

"I'm a great believer that any tool that enhances communication has profound effects in terms of how people can learn from each other, and how they can achieve the kind of freedoms that they're interested in."

Bill Gates

Full integration of features

MX-ONE actually offers more than 500 features. And no matter how your enterprise transforms or expands, you'll be able to create a fully integrated system with 100 % feature transparency. This means that all your employees will have access to the same wealth of services, no matter where they are located.

That's what you get when you choose flexibility.

An inside look at MX-ONE

The secret of MX-ONE in four parts

1. Aastra MX-ONE Telephony System

The telephony engine of the communication system consists of Linux based call control software and media gateway hardware that can easily be integrated into your existing IT environment. The unique architecture allows you to cluster up to 124 servers into a single system that's distributed over several sites and scalable for up to 500 000 users.

2. Aastra MX-ONE Management Suite

The single-point-of-entry management approach integrates perfectly with today's IT management platforms and offers full control over your MX-ONE communication networks. The web-based user interface offers different authorization levels for system administrators, HR managers and even end-users. This means system administration, provisioning and performance monitoring are handled from the same place for the MX-ONE, UC applications and end-points, whether located centrally or remotely, which makes management a snap.

3. Aastra MX-ONE UC Applications

The user-friendly Contact Management Suite (CMG) offers you a wealth of tools, such as instant messaging, corporate directories, call logs and presence profile management. CMG is integrated with Microsoft Office/Outlook, Lotus Domino/Notes and Novell/GroupWise. CMG's PC-based attendant is designed to help people with impaired vision.

A sophisticated and modular multimedia contact center solution, Aastra Solidus eCare, integrates with existing infrastructures as well as with customer business processes and applications. Based on MX-ONE, it provides unrivaled customer service across all media, unique skills-based routing and agent desktop applications. And cost-effectiveness beyond compare.

The introduction of CSTA V3/XML, in combination with SIP, offers existing customers better integration for Unified Communications applications. It enables them to introduce new presence engines that use interfaces based on open standards.

4. Aastra MX-ONE Messaging

For total control of all your messages, MX-ONE Messaging offers everything from basic voicemail to a comprehensive unified messaging and fax system. It is fully compatible with Microsoft Outlook, Lotus Notes and Novell GroupWise.



Aastra 7433ip



Aastra 7434ip

The components behind the solution

New Media Gateway Unit

In the latest MX-ONE release, the new Media Gateway Unit is designed for greater redundancy and cost rationalization, partly due to a consolidation of hardware. The MGU replaces several boards and offers new functionalities, as well as increased capacity.

New small MX-ONE Lite footprint

MGU is the key component – together with ISDN and VoIP resources – in the new 3U chassis, called MX-ONE Lite, an “all-in-one box” solution for branch offices.



New SIP-based communication system

MX-ONE supports a comprehensive IP/SIP terminal portfolio, as well as IP DECT and Wi-Fi cordless phones. Even traditional terminals such as analogue, digital and DECT terminals are supported by the latest version of MX-ONE.

For the people behind operations

New Manager Applications

The new graphical interface for Manager Provisioning and Manager Telephony System is sophisticated and easy to use. Manager Provisioning is a single point of entry for the user data that populates MX-ONE, MX-ONE Messaging, AMC and CMG. The new release also allows for import of user data files in multiple formats.

Operations & Maintenance

In spite of the wide choice of applications from an operation and maintenance perspective, MX-ONE acts as one system. It's centrally managed by the MX-ONE Manager, which consists of a suite of management tools, based on modern principles familiar to an IT operations center.

There's no mobility like Aastra mobility

Work wherever you want – what used to be the vision of a few has become a reality for many. Often even a requirement. And there's no doubt about it – the mobile office is here to stay. The opportunity to use your email, reach your colleagues and check your calendar even when you're on the move brings new dimensions to work efficiency.

"Think like a wise man but communicate in the language of the people."

William Butler Yeats

New services like Presence Management, soft phones and value-added services for mobile workers are becoming standard requirements as they enhance productivity. The mobile phone simply needs to be integrated with the office IP PBX environment. And that's where MX-ONE comes into the picture.

MX-ONE is focused on supporting the mobile office and built to fit neatly into your existing 19-inch IT environment. It is designed for all types of telephones, ranging from analog to digital, IP, mobile, DECT, soft phone and SIP. It provides support for virtual users, free-seating (with centrally stored user data), parallel ringing, One number display and central phone book (for fixed

phones) – not to mention Mobile Extension. Mobile Extension, together with the new Aastra Mobile Client (AMC), offers mobile workers access to more or less the same functions as their desk phone.

This places higher demands on effective cost controls for mobile roaming charges.

But the AMC Dynamic Mobile LCR feature helps route calls based on destination to control call flow and costs. It minimizes mobile roaming expenses by routing the call setup through the least costly path.

All of which makes your business truly mobile and your communications truly cost-effective.



A wise investment in the long run



Unique investment protection

MX-ONE has an unparalleled history of offering investment protection to an impressive installed base of 55 000 customers in more than 100 countries. MX-ONE even supports migration of its TDM predecessor, the very successful MD110. Only a limited number of hardware boards need replacing, so a large proportion of existing hardware can be kept. Does it sound too good to be true? Its MX-ONE, considered by most to provide the best migration story in the business.

Low total cost of ownership

Migration can take place at a cost-efficient pace, capitalizing on existing investments. Immediate savings on operational costs are achieved by deploying Unified Communications features across the enterprise. Mobile workers have access to the same services available at the office, resulting in greater efficiency. And with AMC Dynamic Least Cost Routing, you can control roaming costs and minimize your mobile roaming expenses.

Reduced energy consumption

With power optimized hardware, MX-ONE customers can migrate to a greener solution. Not only are all the building blocks – including IP terminals – recyclable and in conformance with the RoHS EU directive, but with the latest version power consumption per user has drastically diminished. Customers investing in a new system will immediately notice the reduced total cost of ownership that comes with reduced power consumption and the small hardware footprint of MX-ONE. Existing customers thinking of migrating to MX-ONE have the option of keeping their existing system hardware and making limited initial investments. Then when the time is right, they can invest in new hardware and reap the financial benefits from significant reductions in power consumption and physical space.

“Communication – the human connection – is the key to personal and career success.”

Paul J. Meyer

The communication of the future

Unified Communications

MX-ONE offers multiple end users Unified Communications options that can be tailored to suit individual telephony needs. How? Well, we've already mentioned Aastra Mobile Client (AMC), Aastra Mobile Extension, the MX-ONE Messaging application suite and the Contact Management Suite (CMG) – clients and applications that illustrate how Unified Communications is becoming a more and more focused area. In addition there's also InTouch, the new SIP soft phone that gives end-users phone access to the company network. It provides you with call log, presence management, instant messaging and conference functions. When and where you need it.

Why Unified Communications?

Unified Communications empowers the user and enables enterprises to increase

Effective communication is more about culture than technology. UC provides the tools to help you get there.

their productivity, improve customer satisfaction and maintain security and reliability. Basically, the new clients, terminals and applications contribute to making communications more effective. And when the MX-ONE Telephony System is combined with the Aastra Solidus eCare multimedia contact center solution, a new dimension is given to customer care. In our world, Unified Communications equals effective communications.

Why Aastra?

At Aastra, we aim to make enterprises more competitive by making their communications and business processes more effective. Our portfolio provides a comprehensive range of Unified Communications solutions based on open standards – which makes flexibility and smooth migration a practical reality. Simply by improving communications and leveraging on existing business processes, Aastra can make your business more effective. With Aastra, you can pick and choose only what you need since our solutions are interoperable with other office applications, even ones from other vendors. Some call it open and flexible, allowing for step-wise migration. Others talk about our customer-centric solution approach. We call it future-proof.

Aastra MX-ONE Product Portfolio



Aastra MX-ONE is a full-featured communications system with a complete suite of applications that addresses the medium and large enterprise segment. Aastra's portfolio provides a comprehensive range of UC solutions, ranging from communication systems and terminals to mobility solutions and advanced applications such as: MX-ONE Messaging, AMC, MX-ONE Manager applications, Solidus eCare and Contact Management (CMG) suite.



About Aastra

Aastra Technologies Limited is a global company at the forefront of the Enterprise Communication market. Headquartered in Concord, Ontario, Canada, Aastra develops and delivers innovative and integrated solutions that address the communication needs of businesses, small and large, around the world. Aastra enables enterprises to commu-

nicate and collaborate more efficiently and effectively by offering customers a full range of open standard IPbased and traditional communications networking products, including terminals, systems, and applications. "Aastra" is a registered trademark of Aastra Technologies Limited.

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