

Aastra SOLUTIONS

PRODUCT LINE

Mobility solution for Meridian 1 PBX environments

Aastra's CM-16 is a powerful yet cost effective enterprise digital cordless telephone that integrates with Nortel Networks Meridian 1 PBX Systems. The CM-16 is a wireless mobility solution that provides all of the functionality of a Meridian desktop phone in a compact lightweight portable handset. Using frequency hopping digital spread spectrum technology, the CM-16 delivers clear voice quality, ensures privacy and significantly reduces the susceptibility of RF interference.

Value Proposition

Increased efficiency and productivity - Enables users to move freely about the workplace while remaining in constant communications contact.

A low cost wireless solution for M1 PBX systems - Inexpensive alternative to systems that require additional servers, gateways or network gear to be installed.

Simple to install and use - All that is required is an available port on a digital station card in the users existing M1 system. Each CM-16 comes complete with everything else that is necessary to easily set up and begin using.

Customer Profile

An application for a wireless solution can be found in almost any business regardless of size. Where the CM-16 finds its place is in businesses where a mobility solution may only be required for a certain number of key individuals, or for a business that cannot support the cost associated with installing and managing a fully deployed wireless solution.

Industry Applications

Any enterprise environment that currently has an M1 PBX system deployed including;

- » Corporate and Government offices
- » Hospitality Industry
- » Distribution and Warehouse centers
- » Educational Institutions
- » Manufacturing

Applications within the enterprise

- » Management can move around and interact within the organization while remaining in contact at all times
- » Customers can reach Inside Sales staff immediately
- » Quick access to IT staff who are often not at their desks
- » Administration staff can complete tasks away from their desks while remaining completely accessible
- » Warehouse staff who do not have access to a dedicated desktop telephone can be contacted quickly and easily
- » Visitors or temporary staff can be provided with a loaner phone
- » Building Services staff, Maintenance personnel, Facilities management and Security personnel can all remain connected

Key Benefits

Mobility solution that delivers the features and functionality of a desktop phone with the convenience of a wireless solution

- » Make, take and transfer calls quickly and securely as you move around the office
- » Callers reach the right person directly without having to leave a voice mail message
- » Key personnel are contacted quickly when an urgent matter needs to be resolved

Easy to install and simple to operate

- » Integrates with existing M1 PBX phone system – no additional system hardware required
- » Minimal training required as the CM-16 operates in a similar manner to existing desktop phones with the same features and functionalities

Flexible low cost solution that can grow as demands of the business requires

- » Inexpensive way to add a wireless solution when only a small number of units are required
- » No servers, gateways or network gear is needed to have a wireless solution
- » Excellent set by set scalability. Additional CM-16s can be easily added as required



CM-16

Key Benefits
(cont'd)

Add a standalone (unique number or DN) cordless phone, or create a wireless extension for an existing desktop telephone (shared number or DN)

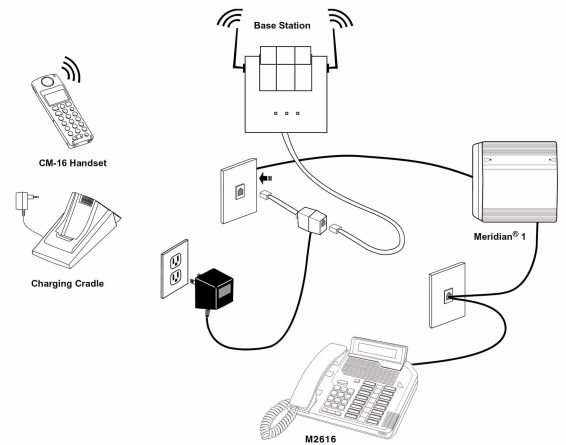
- » Unique numbers (DN) are ideal for those who are continually on the move and do not require a desk phone
- » Shared/twinned number with existing desktop phone allows access to make and receive calls on either telephone with access to the same DN and M1 features

Key Features

- » Up to 300,000 sq. feet coverage*
- » Compact lightweight portable handset with detachable belt clip
- » Program up to 14 line/feature access keys
- » Easy access to enhanced business features that are traditionally available on an Meridian desktop phone e.g.
 - o Call Forwarding, Call transfer and Conferencing
 - o Name and Number Call Display with Visual Call Waiting
 - o Message waiting indication and easy one button access to voice mail
- » Intuitive operation using a dedicated feature access key and two soft keys to easily navigate screen menus and activate common M1 telephony features
- » Large 5 line backlit display supplies content for call information, directory access, feature activation status and more
- » 10 number Redial and 50 Name and Number Directory
- » Vibration/silent alert, headset compatible

Solution Architecture

- » Calls are sent from the Meridian 1 PBX system over twisted pair wiring to the base station and then transmitted wirelessly to the CM-16 cordless handset.
- » The CM-16 can have its own unique telephone number (DN) and operate on a stand-alone basis, or it can share a number (twin) with a desktop M1 telephone. When twinned, the desk and wireless phones will share a single telephone number (DN) that exists on two separate physical paths from the PBX system. Both phones will ring on an incoming call, but only one phone will be able to answer the call at any given time. The DN on the other phone will show "busy".
- » When twinned, the CM-16 tightly integrates with your desktop phone providing access for up to 14 of the same features that you have programmed on your M1 desktop telephone.
- » Operating range is approximately 300 feet from base station providing coverage of approximately 300,000 sq. feet coverage*



System Components

Each CM-16 telephone kit comes with the following;

- » 1 CM-16 handset
- » 1 Handset charging cradle and AC adapter
- » 1 Base station and AC adapter

System Prerequisites

The CM-16 will operate on all Nortel system platforms where Series M2000 and M3000 digital phones are currently deployed

- » Nortel Networks Meridian 1 Option 11, 61C and 81C
- » System configuration for Meridian 2000 and 3000 series phones
- » 1 available port on a digital station card per base station
- » Each CM-16 has a separate base station that must be physically wired back to the M1 PBX System
- » The CM-16 is compatible with Nortel Meridian 1 Systems. Aastra is licensed to use the Nortel Networks TCM Interface in the Wireline Base Station of the CM-16 cordless product.

* depending on physical environment

Mobility solution for Meridian 1 PBX environments



For more information, visit our website at www.aastra.com or call 1-800-574-1611

NORTEL NETWORKS, MERIDIAN AND MERIDIAN 1 ARE TRADEMARKS OF NORTEL NETWORKS.

COPYRIGHT (C) 2005 AASTRA TELECOM. ALL RIGHTS RESERVED. INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. AASTRA TELECOM ASSUMES NO RESPONSIBILITY FOR ANY ERRORS THAT MAY APPEAR IN THIS DOCUMENT. PRODUCT CAPABILITIES DESCRIBED IN THIS DOCUMENT PERTAIN SOLELY TO AASTRA TELECOM'S MARKETING ACTIVITIES IN THE U.S AND CANADA. AVAILABILITY IN OTHER MARKETS MAY VARY.