PRODUCT BULLETIN NO. 3086

CISCO ME 3400 SERIES ETHERNET ACCESS SWITCHES

Cisco Systems® is pleased to introduce the new Cisco® ME 3400 Series Ethernet Access switches, a family of next-generation customer-located equipment (CLE) built especially for voice, video, and data ("triple play") and Layer 2 and Layer 3 VPN services. Its design is based on experience with the most widely deployed access switches, the Cisco Catalyst 2950 Series and Catalyst 3550 Series. With service provider-friendly hardware and mission-specific software, the Cisco ME 3400 Series is the first access switches that are optimized for both the Ethernet-to-the-home (ETTH) triple-play services and Ethernet-to-the-business (ETTB) VPN services. It provides the most comprehensive security solution for Metro Ethernet access, covering subscriber, switch, and network protection. The Cisco ME 3400 Series supports multiple software feature images to provide a "pay-as-you-grow" deployment model. Because it supports both triple play and Layer 2 and 3 VPN services, you can reduce total cost of ownership (TCO) and operating expenses (OpEx) with a single access solution.

Table 1 provides brief descriptions of the Cisco ME 3400 Series switches and options.

Table 1. Cisco ME 3400 Series Ethernet Access Switches and Software Feature Images

Product Name (Part Number)	Description
Cisco ME 3400-24TS AC Ethernet Access (ME-3400-24-TS-A)	• 24 Ethernet 10/100 ports and two Small Form-Factor Pluggable (SFP) interfaces • Fixed AC power supply • Ethernet access switch purpose built for the Metro Ethernet market • Compact: 1 rack unit (1RU) measuring 17.5 x 9.52 in. • 6.5-Mpps forwarding rate
Cisco ME 3400-24TS DC Ethernet Access Switch (ME-3400-24-TS-D)	• 24 Ethernet 10/100 ports and two SFP interfaces • Fixed DC power supply • Ethernet access switch purpose built for the Metro Ethernet market • Compact: 1RU measuring 17.5 x 9.52 in. • 6.5-Mpps forwarding rate
Cisco ME 3400 Series METROBASE Software Feature Image (S340XB-12225EX) • •	• Standard Layer 2 feature image designed for triple-play services • Advanced quality of service (QoS): Ingress policing and egress shaping • Robust multicast: Internet Group Management Protocol (IGMP) filtering and throttling, multicast VLAN registration (MVR) • Complete security: User Network Interface (UNI)/Network Node Interface [OR NETWORK-TO-NETWORK INTERFACE?] (NNI), Control- Plane Protection, and Configuration File Protection
Cisco ME 3400 Series METROACCESS Software Feature Image (S340XA-12225EX)	• Enhanced Layer 2 feature image designed for premium triple-play services and Layer 2 VPN services • Advanced Layer 2 tunneling: 802.1Q Tunneling (QinQ) and Layer 2 Protocol Tunneling (L2PT) • Enhanced scalability: Configurable per VLAN MAC Learning • Fast convergence: Flex Link

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Product Name (Part Number)	Description
Cisco ME 3400 Series METROIPACCESS Software Feature Image **(S340XI-12225EX)**	• Layer 3 feature images designed for Layer 3 VPN services • IP routing (Routing Information Protocol [RIP] versions 1 and 2, Enhanced Interior Gateway Routing Protocol (EIGRP), Open Shortest Path First (OSFP), and Border Gateway Protocol Version 4 (BGPv4) • Secured Layer 3: Multi- VRF CE • Enhanced routing: Policy-based routing (PBR) • Multicast Routing: Protocol Independent Multicast (PIM) SM/DM
Upgrade Kit for METROACCESS from METROBASE **(CD-ME3400-B2A=)**	METROACCESS image upgrade kit from METROBASE image
Upgrade Kit for METROIPACCESS from METROBASE **(CD-ME3400-B2I=)**	METROIPACCESS image upgrade kit from METROBASE image
Upgrade Kit for METROIPACCESS from METROACCESS **(CD-ME3400-A2I=)**	METROIPACCESS image upgrade kit from METROACCESS image

KEY FEATURES

Hardware

- Compact form factor for ease of deployment: 1RU x 17.5 x 9.52 in.
- All front access connectors to simplify troubleshooting in the field
- Network Equipment Building Standards Level 3 (NEBS) 3 and ETSI compliant

Software

- Mission-specific software designed for the Ethernet access application
- Support for multiple software images to provide a “pay-as-you-grow” deployment model
- New UNI/NNI port types to simplify management, deployment, and troubleshooting
- Complete security solution to protect subscribers, switches, and network

AVAILABILITY

The new Cisco ME 3400 Series begin shipping in November 2005.

FOR MORE INFORMATION

For more information about the Cisco ME 3400 Series:

- **Internal:** http://[MISSING URL]
- **External:** http://[MISSING URL]

PRODUCT CONTACTS

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