



End-of-Sale and End-of-Life Announcement for the Cisco OC-12/STM-4 ATM Enhanced Optical Services Module for the Cisco 7600 Series Routers and Catalyst 6500 Series Switches

Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® OC-12/STM-4 ATM Enhanced Optical Services Module (OSM). The last day to order the affected product is September 15, 2006. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until September 15, 2011. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product. Table 2 lists the product part numbers affected by this announcement.

Customers are encouraged to migrate to the Cisco 7600 Series SPA Interface Processor-400 with the Cisco 1-Port OC-12c/STM-4c ATM Shared Port Adapter (SPA). This combination offers a more flexible modular solution with greater slot and chassis density. Information regarding the replacement products can be found at:

http://www.cisco.com/en/US/prod/collateral/routers/ps368/product_data_sheet0900aecd8027c9e6.html.

Table 3 provides relevant information for migrating to the replacement product.

Table 1. End-of-Life Milestones and Dates for the Cisco OC-12/STM-4 ATM Enhanced Optical Services Module

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	September 15, 2005
End-of-Sale Date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	September 15, 2006
Last Ship Date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	December 15, 2006
End of SW Maintenance Releases Date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software. In addition, software releases starting with the mid-2006 release would have no new feature additions for this product.	September 15, 2007
End of Routine Failure Analysis Date	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	September 15, 2007
End of New Service Attachment Date	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	September 15, 2007
End of Service Contract Renewal Date	The last date to extend or renew a service contract for the product.	March 15, 2011
Last Date of Support	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	September 15, 2011

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
OSM-2OC12-ATM-MM+ OSM-2OC12-ATM-MM+=	Enhanced 2-port OC-12/STM-4 ATM OSM+, multimode, with 4 GE	7600-SIP-400 + SPA-1XOC12-ATM + SFP-OC12-MM	Cisco 7600 Series SPA Interface Processor-400 with 1-port OC-12c/STM-4 ATM Shared Port Adapter and short-reach SFP transceiver module. Up to 2 ATM SPAs may be added to the 7600-SIP-400.
OSM-2OC12-ATM-SI+ OSM-2OC12-ATM-SI+=	Enhanced 2-port OC-12/STM-4 ATM OSM+, single-mode, with 4 GE	7600-SIP-400 + SPA-1XOC12-ATM + SFP-OC12-IR or LR1 or LR2	Cisco 7600 Series SPA Interface Processor-400 with 1-port OC-12c/STM-4 ATM Shared Port Adapter and intermediate-reach or long-reach SFP transceiver module. Up to 2 ATM SPAs may be added to the 7600-SIP-400.

Product Migration Options

The recommended replacement for the Cisco OC-12/STM-4 ATM Enhanced OSM is the Cisco 7600 Series SPA Interface Processor-400 with the Cisco 1-Port OC-12c/STM-4c ATM Shared Port Adapter plus the appropriate optics (Table 3). The Cisco 7600 Series SPA Interface Processor-400 enables high-performance, intelligent triple-play (voice, video, and data) WAN and MAN services. Enterprises and service providers can take full advantage of the increased scalability, performance, and rich features offered by the Cisco 7600 Series SPA Interface Processor-400, along with the many interface and media options for WAN aggregation and connectivity offered in the Shared Port Adapter (SPA) portfolio. The Cisco 7600 Series SPA Interface Processor-400 accepts up to four SPAs, including OC-3/STM-1 ATM, OC-12/STM-4 ATM, OC-3/STM-1 packet over SONET/SDH (POS), and OC-12/STM-4 POS.

Table 3. Product Comparisons

Feature	Cisco OC-12/STM-4 ATM Enhanced OSM	Cisco 7600 SPA Interface Processor-400 with SPAs
Switching performance	Up to 3.39 mpps maximum forwarding rate between two ports without features	Up to 6.2 mpps maximum forwarding rate with features
Interface types supported, modularity	2 ports of OC12 ATM, and 4 ports of GE Ethernet	Any combination of OC-3 POS, OC-12 POS, OC-3 ATM, and OC-12 ATM SPAs
Supported ATM features	RFC 1483 Routed PVCs RFC 1577 Classical IP RFC 1483 Bridged UNI 3.x and 4.0 UBR and VBR-nrt Layer 3 IP Shaping VP Shaping with Per-VC Queuing RED, WRR, and VTMS per Queue F4 and F5 OAM, Loopback	RFC 1483 Routed PVC and SVC RFC 1483 Bridged PVC point-to-point 802.3 default, 802.3 access, 802.1q and 802.1q-tunnel RFC1577 F4 and F5 OAM MLPPP with LFI over ATM Traffic Classes: UBR, VBR-nrt, VBR-rt, CBR PVC Discovery UNI 3.0, 3.1, 4.0 QoS: VC and VP shaping, LLQ, classification, marking, policing APS
Scalability	500 ATM VCs, 8000 queues	2000 ATM VCs (point-to-point), and 8000 ATM VCs multipoint (theoretical maximum). 32000 Full Duplex Queues



Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to: <http://www.cisco.com/go/tradein/>. The Cisco TMP application requires all users to have a Cisco.com user ID.

For More Information

For more information about the Cisco End-of-Life Policy, go to: http://www.cisco.com/en/US/products/prod_end_of_life.html.

To subscribe to receive end-of-life/end-of-sale information, go to: <http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>.

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