

## End-of-Sale and End-of-Life Announcement for the Cisco POS Enhanced Optical Services Modules for the Cisco 7600 Series Routers and Catalyst 6500 Series Switches

EOL1016 - Amended

Cisco announces the end-of-sale and end-of life dates for the Cisco POS Enhanced Optical Services Modules for the Cisco 7600 Series Routers and Catalyst 6500 Series Switches. The last day to order the affected product(s) is July 2, 2006. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1.

Customers are encouraged to migrate to the Cisco 7600 Series SPA Interface Processor-400 (SIP-400) carrier card with the corresponding packet over SONET shared port adapter (SPA). The SIP/SPA 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/products/hw/routers/ps368/products\\_data\\_sheet0900aecd8027c9e6.html](http://www.cisco.com/en/US/products/hw/routers/ps368/products_data_sheet0900aecd8027c9e6.html), [http://www.cisco.com/en/US/products/ps6267/products\\_data\\_sheet0900aecd8027cb4d.html](http://www.cisco.com/en/US/products/ps6267/products_data_sheet0900aecd8027cb4d.html), [http://www.cisco.com/en/US/products/ps6267/products\\_data\\_sheet0900aecd8027cb63.html](http://www.cisco.com/en/US/products/ps6267/products_data_sheet0900aecd8027cb63.html)

**Table 1.** End-of-Life Milestones and Dates for the Cisco POS Enhanced Optical Services Modules for the Cisco 7600 Series Routers and Catalyst 6500 Series Switches

| Milestone  | Definition  | Date               |
|--|---|--------------------|
| <b>End-of-Life Announcement Date</b>                 | The date the document that announces the end of sale and end of life of a product is distributed to the general public.   | January 1, 2006    |
| <b>End-of-Sale Date</b>                              | The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.   | July 2, 2006       |
| <b>Last Ship Date: HW</b>                            | The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.   | September 30, 2006 |
| <b>End of Routine Failure Analysis Date: HW</b>      | The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.   | July 2, 2007       |
| <b>End of New Service Attachment Date: HW</b>        | 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.                           | July 2, 2007       |
| <b>End of Software Maintenance Releases Date: SW</b> | The last date that Cisco Engineering may release any final software maintenance releases or bug fixes through 12.2(33)SRC or 12.2(33)SRD IOS Trains. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software. | December 1, 2009   |
| <b>End of Service Contract Renewal Date: HW</b>      | The last date to extend or renew a service contract for the product.  | September 27, 2010 |
| <b>Last Date of Support: HW</b>                      | 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.  | July 1, 2011       |

HW = Hardware OS SW = Operating System Software App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

| End-of-Sale Product Part Number | Product Description                                       | Replacement Product Part Number | Replacement Product Description                     | Additional Information |
|---------------------------------|---|---------------------------------|---|------------------------|
| OSM-2OC12-POS-MM+               | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, MM, w/ 4 GE    | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-2OC12-POS-MM+               | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, MM, w/ 4 GE    | SFP-OC12-MM                     | OC-12/ STM-4 SFP, Multi-mode Fiber                  | --                     |
| OSM-2OC12-POS-MM+               | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, MM, w/ 4 GE    | SPA-1XOC12-POS                  | 1-port OC12/STM4 POS Shared Port Adapters           | --                     |
| OSM-2OC12-POS-MM+=              | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, MM, w/ 4 GE    | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-2OC12-POS-MM+=              | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, MM, w/ 4 GE    | SFP-OC12-MM                     | OC-12/ STM-4 SFP, Multi-mode Fiber                  | --                     |
| OSM-2OC12-POS-MM+=              | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, MM, w/ 4 GE    | SPA-1XOC12-POS                  | 1-port OC12/STM4 POS Shared Port Adapters           | --                     |
| OSM-2OC12-POS-SI+               | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-2OC12-POS-SI+               | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SFP-OC12-IR1                    | OC-12/ STM-4 SFP, Intermediate Reach (15km)         | --                     |
| OSM-2OC12-POS-SI+               | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SPA-1XOC12-POS                  | 1-port OC12/STM4 POS Shared Port Adapters           | --                     |
| OSM-2OC12-POS-SI+=              | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-2OC12-POS-SI+=              | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SFP-OC12-IR1                    | OC-12/ STM-4 SFP, Intermediate Reach (15km)         | --                     |
| OSM-2OC12-POS-SI+=              | Enhanced 2-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SPA-1XOC12-POS                  | 1-port OC12/STM4 POS Shared Port Adapters           | --                     |
| OSM-4OC12-POS-SI+               | Enhanced 4-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-4OC12-POS-SI+               | Enhanced 4-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SFP-OC12-IR1                    | OC-12/ STM-4 SFP, Intermediate Reach (15km)         | --                     |
| OSM-4OC12-POS-SI+               | Enhanced 4-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SPA-1XOC12-POS                  | 1-port OC12/STM4 POS Shared Port Adapters           | --                     |
| OSM-4OC12-POS-SI+=              | Enhanced 4-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-4OC12-POS-SI+=              | Enhanced 4-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SFP-OC12-IR1                    | OC-12/ STM-4 SFP, Intermediate Reach (15km)         | --                     |
| OSM-4OC12-POS-SI+=              | Enhanced 4-port OC-12/STM-4 SONET/SDH OSM, SM-IR, w/ 4 GE | SPA-1XOC12-POS                  | 1-port OC12/STM4 POS Shared Port Adapters           | --                     |
| OSM-4OC3-POS-SI+                | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-4OC3-POS-SI+                | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SFP-OC3-IR1                     | OC3/STM1 SFP, Single-mode fiber, Intermediate Reach | --                     |
| OSM-4OC3-POS-SI+                | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SPA-2XOC3-POS                   | 2-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-4OC3-POS-SI+                | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SPA-4XOC3-POS                   | 4-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-4OC3-POS-SI+=               | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-4OC3-POS-SI+=               | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SFP-OC3-IR1                     | OC3/STM1 SFP, Single-mode fiber, Intermediate Reach | --                     |
| OSM-4OC3-POS-SI+=               | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SPA-2XOC3-POS                   | 2-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-4OC3-POS-SI+=               | Enhanced 4-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SPA-4XOC3-POS                   | 4-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SI+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-8OC3-POS-SI+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE   | SFP-OC3-IR1                     | OC3/STM1 SFP, Single-mode fiber, Intermediate Reach | --                     |

| End-of-Sale Product Part Number | Product Description                                     | Replacement Product Part Number | Replacement Product Description                     | Additional Information |
|---------------------------------|---|---------------------------------|---|------------------------|
| OSM-8OC3-POS-SI+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE | SPA-2XOC3-POS                   | 2-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SI+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE | SPA-4XOC3-POS                   | 4-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SI+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-8OC3-POS-SI+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE | SFP-OC3-IR1                     | OC3/STM1 SFP, Single-mode fiber, Intermediate Reach | --                     |
| OSM-8OC3-POS-SI+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE | SPA-2XOC3-POS                   | 2-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SI+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-IR OSM, w/ 4 GE | SPA-4XOC3-POS                   | 4-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SL+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-8OC3-POS-SL+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SFP-OC3-LR1                     | OC3/STM1 SFP, Single-mode fiber, Long Reach (40km)  | --                     |
| OSM-8OC3-POS-SL+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SFP-OC3-LR2                     | OC3/STM1 SFP, Single-mode fiber, Long Reach (80km)  | --                     |
| OSM-8OC3-POS-SL+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SPA-2XOC3-POS                   | 2-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SL+                | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SPA-4XOC3-POS                   | 4-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SL+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | 7600-SIP-400                    | Cisco 7600 Series SPA Interface Processor-400       | --                     |
| OSM-8OC3-POS-SL+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SFP-OC3-LR1                     | OC3/STM1 SFP, Single-mode fiber, Long Reach (40km)  | --                     |
| OSM-8OC3-POS-SL+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SFP-OC3-LR2                     | OC3/STM1 SFP, Single-mode fiber, Long Reach (80km)  | --                     |
| OSM-8OC3-POS-SL+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SPA-2XOC3-POS                   | 2-port OC3/STM1 POS Shared Port Adapters            | --                     |
| OSM-8OC3-POS-SL+=               | Enhanced 8-port OC-3/STM-1 SONET/SDH SM-LR OSM, w/ 4 GE | SPA-4XOC3-POS                   | 4-port OC3/STM1 POS Shared Port Adapters            | --                     |

## Product Migration Options

The recommended replacement for the Cisco OC-3/STM-1 and OC-12/STM-4 POS Optical Services Modules is the Cisco 7600 Series SPA Interface Processor-400 (SIP-400) plus the appropriate optics (see Table 2). The Cisco 7600 SIP-400 enables high-performance, intelligent triple-play (voice, video, and data) network (WAN/MAN) services. Enterprises and service providers can take full advantage of the increased scalability, performance, and rich features offered by the Cisco 7600 SIP-400, along with the many interface and media options for WAN aggregation and connectivity offered in the (SPA) portfolio. The Cisco 7600 SIP-400 accepts up to four Cisco 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.

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.

Customers may be able to continue to purchase the Cisco POS Enhanced Optical Services Modules for the Cisco 7600 Series Routers and Catalyst 6500 Series Switches through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: [www.cisco.com/go/eos](http://www.cisco.com/go/eos)

Service prices for Cisco products are subject to change after the product End of Sale date.

## 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](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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