



END-OF-LIFE NOTICE, NO. 2670

ADDENDUM IN REFERENCE TO END-OF-SALE AND END-OF-LIFE ANNOUNCEMENT FOR CISCO UNIVERSAL BROADBAND ROUTER LINE CARDS FOR THE CISCO UBR7246VXR

Addendum Date	June 30, 2005
Effective Date	June 30, 2005
Original Bulletin Announcement Date	January 5, 2005
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Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® uBR-MC14C, uBR-MC14C system bundle, uBR-MC16E, and uBR-MC16S Universal Broadband Router (uBR) line cards for the Cisco uBR7246VXR Universal Broadband Router. The last day to order the Cisco uBR-MC14C, uBR-MC14C system bundle, uBR-MC16E, and uBR-MC16S line cards is July 5, 2005. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until July 5, 2010. Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco uBR-MC14C, uBR-MC14C system bundle, uBR-MC16E, and uBR-MC16S line cards.

Table 2 lists the product part numbers affected by this announcement.

The original end-of-life notice also included the Cisco uBR-MC16C and uBR-MC28C uBR line cards. Due to popular demand, these line cards will continue to be sold and are excluded from this end-of-life announcement.

Customers are encouraged to migrate to the Cisco uBR7200 Series MC16U and MC16X broadband processing engines (BPEs), which introduce new choices and capabilities to the Cisco uBR7246VXR Universal Broadband Router. Information about the replacement products can be found at http://www.cisco.com/en/US/products/hw/modules/ps4969/prod_module_series_home.html. Table 3 provides relevant information for migrating from the Cisco uBR-MC14C, uBR-MC14C system bundle, uBR-MC16E, and uBR-MC16S line cards to the Cisco uBR7200 Series MC16U and MC16X BPEs.

Table 1. End-of-Life Milestones and Dates for the Cisco uBR-MC14C, uBR-MC14C System Bundle, uBR-MC16E, and uBR-MC16S Universal Broadband Router Line Cards

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.	January 5, 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.	July 5, 2005
Last shipment 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.	October 5, 2005
End of software 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.	July 5, 2006
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.	July 5, 2006
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.	July 5, 2006
End of service contract renewal date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	April 5, 2010

Milestone	Definition	Date
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.	July 5, 2010

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description
UBR-MC14C	Cisco uBR7246VXR uBR line card, 1 downstream, 4 upstream option
UBR-MC14C=	Cisco uBR7246VXR uBR line card, 1 downstream, 4 upstream option spare
UBR7246VXR-MC14C	Cisco uBR7246VXR chassis with Cisco NPE-400 (128 MB default memory) and Cisco uBR-MC14C uBR line card bundle option
UBR7246VXR-MC14C=	Cisco uBR7246VXR chassis with Cisco NPE-400 (128 MB default memory) and Cisco uBR-MC14C uBR line card bundle option spare
UBR-MC16E	Cisco uBR7246VXR uBR line card, 1 downstream, 6 upstream, 8 MHz Euro-DOCSIS (5 to 65 MHz) option
UBR-MC16E=	Cisco uBR7246VXR uBR line card, 1 downstream, 6 upstream, 8 MHz Euro-DOCSIS (5 to 65 MHz) option spare
UBR-MC16S	Cisco uBR7246VXR uBR line card with spectrum management, 1 downstream, 6 upstream option
UBR-MC16S=	Cisco uBR7246VXR uBR line card with spectrum management, 1 downstream, 6 upstream option spare

1) Removed product UBR-MC16C, UBR-MC16C=, UBR-MC28C, and UBR-MC28C= from list of part numbers affected by this announcement.

PRODUCT MIGRATION OPTIONS

The recommended replacement for the Cisco uBR-MC14C, uBR-MC14C system bundle, uBR-MC16E, and uBR-MC16S uBR line cards are the Cisco uBR7200 Series MC16U and MC16X BPEs. Cisco BPEs perform all functions of Cisco uBR line cards and introduce additional functionality. Cisco BPEs add the following new hardware features and functionality:

- Integrated upconverter on Cisco uBR7200 Series MC16U model
- DOCSIS 2.0 advanced time-division multiple access (A-TDMA) support
- Advanced physical layer (PHY)
- Ingress noise cancellation
- Onboard spectrum analyzer
- Onboard Cisco uBR7200-NPE-G1 Network Processing Engine
- Flexible software-based Media Access Control (MAC) domain configuration (for example, virtual interface) support
- Frequency stacking
- Software-configurable DOCSIS mode: DOCSIS, Euro-DOCSIS, or J-DOCSIS

Table 3. Product Comparisons

Feature	End-of-Life Cisco uBR Line Cards	Cisco BPEs
Software-configurable DOCSIS mode:		
DOCSIS	Cisco uBR-MC14C and uBR-MC16S	All Cisco BPEs are software configurable to support any DOCSIS mode: DOCSIS, Euro-DOCSIS, or J-DOCSIS on a single card. Only one mode can be configured at a time.
Euro-DOCSIS	Cisco uBR-MC16E	
J-DOCSIS	No	
DOCSIS 2.0 A-TDMA support	No	Yes
On-board Cisco uBR7200-NPE-G1 Network Processing Engine	No	Yes
Advanced PHY and advanced RF features and characteristics	No	Yes
Integrated upconverters	No	Cisco uBR7200 Series MC16U
High availability option	N+1 redundancy with Cisco uBR 3x10 RF Switch	Dual Downstream Channel (DDC) support on all Cisco BPEs

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

FOR MORE INFORMATION

For more information about the Cisco uBR7200 Series MC16U and MC16X BPEs, contact your local account representative or visit

Overview: http://www.cisco.com/en/US/products/hw/modules/ps4969/prod_module_series_home.html

Feature Guide: http://www.cisco.com/en/US/products/hw/cable/ps2217/products_feature_guides_list.html

Module Configuration Guide:

http://www.cisco.com/en/US/products/hw/cable/ps2217/products_configuration_guide_book09186a008007e1f9.html

For more information about the Cisco uBR7200 Series BPE dual downstream channel high availability solution, visit:

http://www.cisco.com/en/US/products/hw/cable/ps2217/products_feature_guide09186a008026d9d5.html

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

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



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