

## End-of-Sale and End-of-Life Announcement for the Cisco ONS 15454 OC-3 and OC-12 Fixed Optics Cards

EOL5824

Cisco® announces the end-of-sale and end-of-life dates for the Cisco ONS 15454 OC-3 and OC-12 Fixed Optics Cards. The last day to order the Cisco ONS 15454 OC-3 and OC-12 Fixed Optics Cards is July 30, 2008. 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 Cisco ONS 15454 OC-3 and OC-12 Fixed Optics Cards. Table 2 lists the product part numbers affected by this announcement.

New cards, such as the 12-port Multirate Card (MRC-12) and 4-port Multirate Card (MRC-4), offer much higher value propositions than the outgoing cards. The MRC-12 and MRC-4 accommodate Small Form-Factor Pluggable (SFP) optics, providing higher port density and multirate capability per slot than the OC-3 and OC-12 fixed optics cards they are replacing. Both MRC cards support the OC-3, OC-12, and OC-48 rates as well, scalable up to 10 Gbps on the MRC-12 and 2.5 Gbps on the MRC-4, depending on the chassis, slot, and cross-connect combination. The MRC cards also support SFPs of different reaches such as SR, IR, LR, and CWDM. Plus, SFPs can be added to the cards as demand increases, and they are per-port provisionable, thereby minimizing the initial costs and simplifying operations. The MRC cards can be provisioned for operation with SONET protection options such as unidirectional-path switched ring (UPSR), subnetwork connection protection (SNCP), path-protected mesh network (PPMN), two-fiber or four-fiber bidirectional line switched ring or multiplex section-shared protection ring (MS-SPR), 1+1 automatic protection switching (APS) or multiplexed switching protection (MSP), and unprotected.

**Table 1.** End-of-Life Milestones and Dates for the Cisco ONS 15454 OC-3 and OC-12 Fixed Optics Cards

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.	July 31, 2007
<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 30, 2008
<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.	October 29, 2008
<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 30, 2009
<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 30, 2009
<b>End of Service Contract Renewal Date: HW</b>	The last date to extend or renew a service contract for the product.	October 28, 2012
<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 29, 2013

HW = Hardware

OS SW = Operating System Software

App. SW = Application Software

The MRC cards can operate with the XC-VT, XC-10G, and XC-VXC Cross-Connect Cards. They require the Cisco ONS 15454 Timing, Communications, and Control 2 Card (TCC2) or TCC2-Plus (TCC2P) Card to support the data communications channel (DCC) capacity. MRC-12 requires Cisco ONS 15454 Software Release 6.0 or greater, and the MRC-4 requires Cisco ONS 15454 Software Release 8.0 or greater.

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

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454-OC121R1310	OC12, IR, 1310, 1 Ckt, SC, I-Temp	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SI-622-I1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with SFP -OC12/STM4 and OC3/STM1 IR, S-4.1, S-1.1, 1310 nm, ITEMP
15454-OC121R1310=	OC12, IR, 1310, 1 Ckt, SC, I-Temp	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SI-622-I1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with SFP -OC12/STM4 and OC3/STM1 IR, S-4.1, S-1.1, 1310 nm, ITEMP
15454-OC121LR1310	OC12, LR, 1310, 1 Ckt, SC, I-Temp	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SI-622-L1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with SFP -OC12/STM4 LR, L-4.1, 1310 nm, SM, LC, ITEMP
15454-OC121LR1310=	OC12, LR, 1310, 1 Ckt, SC, I-Temp	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SI-622-L1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with SFP -OC12/STM4 LR, L-4.1, 1310 nm, SM, LC, ITEMP
15454-OC121LR1550	OC12, LR, 1550, 1 Ckt, SC, I-Temp	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SI-622-L2	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with SFP -OC12/STM4 LR, L-4.2, 1550 nm, SM, LC, ITEMP
15454-OC121LR1550=	OC12, LR, 1550, 1 Ckt, SC, I-Temp	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SI-622-L2=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with SFP -OC12/STM4 LR, L-4.2, 1550 nm, SM, LC, ITEMP
15454-OC12I4-1310	OC12, IR, 1310, 4 Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with four ONS-SI-622-I1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with four SFP -OC12/STM4 and OC3/STM1 IR, S-4.1, S-1.1, 1310 nm, ITEMP
15454-OC12I4-1310=	OC12, IR, 1310, 4 Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with four ONS-SI-622-I1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with four SFP -OC12/STM4 and OC3/STM1 IR, S-4.1, S-1.1, 1310 nm, ITEMP
15454-OC34IR1310	OC3, IR, 1310, 4 Ckt, SC, I-Temp	15454-MRC-2.5G4 or 15454-MRC-I-12 with four ONS-SI-155-I1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with four SFP - OC3/STM1 IR1/S-1.1 1310 SFP, ITEMP
15454-OC34IR1310=	OC3, IR, 1310, 4 Ckt, SC, I-Temp	15454-MRC-2.5G4= or 15454-MRC-I-12= with four ONS-SI-155-I1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with four SFP - OC3/STM1 IR1/S-1.1 1310 SFP, ITEMP
15454-OC3I8-1310	OC3, IR, 1310, 8 Ckt, LC	15454-MRC-2.5G4 or 15454-MRC-I-12 with eight ONS-SI-155-I1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with eight SFP - OC3/STM1 IR1/S-1.1 1310 SFP, ITEMP
15454-OC3I8-1310=	OC3, IR, 1310, 8 Ckt, LC	15454-MRC-2.5G4= or 15454-MRC-I-12= with eight ONS-SI-155-I1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 12 ports, IOF with eight SFP - OC3/STM1 IR1/S-1.1 1310 SFP, ITEMP

## Product Migration Options

Customers are encouraged to migrate to the 12-port or 4-port Multirate Card (MRC-12 or MRC-4) with OC-3 or OC-12 Small Form-Factor Pluggable (SFP) optics. Information about this product can be found at:

[www.cisco.com/en/US/products/hw/optical/ps2006/products\\_data\\_sheet0900aecd8031cddb.html](http://www.cisco.com/en/US/products/hw/optical/ps2006/products_data_sheet0900aecd8031cddb.html).

**Table 3.** Product Comparisons

Feature	Cisco ONS 15454 OC-3 and OC-12 Fixed Optics Cards	12-Port or 4-Port Multirate Cards (MRC-12 or MRC-4)
Convenience Bundle created for	15454-OC121LR1310	15454-OC12L1-1-SK
Convenience Bundle created for	15454-OC121R1310	15454-OC12I1-1-SK
Convenience Bundle created for	15454-OC121LR1550	15454-OC12L2-1-SK
Convenience Bundle created for	15454-OC3I8-1310	15454-OC3-11-8-SK

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 end-of-sale product through the Cisco Authorized Refurbished Equipment program. Refurbished units of the end-of-sale product are available in limited supply for sale in certain countries on a first-come, first-served basis. For information about the refurbished equipment program, go to:

<http://www.cisco.com/web/ordering/ciscocapital/refurbished/index.html>.

## For More Information

For more information about the 12-Port or 4-Port Multirate Cards (MRC-12 or MRC-4), visit <http://www.cisco.com/en/US/products/hw/optical/ps2006/ps2010/index.html> or contact your local account representative.

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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