

End-of-Sale and End-of-Life Announcement for Timing Communication and Control Plus (TCC+) Card for the Cisco ONS 15454 Multiservice Provisioning Platform

Cisco Systems announces the end of life of the TCC+ processor card for the Cisco ONS 15454 Multiservice Provisioning Platform (MSPP). The last day to order the Cisco TCC+ processor card is October 1, 2004. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until October 1, 2009. Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco TCC+ card. Table 2 outlines the Cisco product names impacted by this announcement.

Customers are encouraged to migrate to the Cisco ONS 15454 Timing, Communications and Control—version 2 (15454-TCC2) card, providing enhanced Cisco ONS 15454 MSPP system performance with increased processor speed, improved network aggregation capability, integrated node voltage monitoring, and improved software download speeds. Information about this new product can be found at:

http://cisco.com/en/US/products/hw/optical/ps2006/products_data_sheets_list.html

Table 3 provides relevant information for migrating from the Cisco TCC+ processor card to the TCC2 processor card.

Table 1 End-of-Life Milestones and Dates for the Cisco TCC+ Processor Card

Milestone	Definition	Date
End-of-life announcement date	The distribution date of the document that announces the end of sale and end of life of a product to the general public.	April 1, 2003
End of sale date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale.	October 1, 2004
Last shipment date	The last date that Cisco and/or its contract manufacturers will ship the affected product.	January 1, 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.	October 1, 2005
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.	October 1, 2005
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.	October 1, 2005
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.	October 1, 2008
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.	October 1, 2009



Table 2 Affected and Replacement Product Part Numbers

End-of-Sales Product Part Number	EoS Product Description	Replacement Product Part Number
15454-TCC+	Processor card, ONS 15454, Industrial temperature	15454-TCC2
15454-TCC+=	Processor card, ONS 15454, Industrial temperature, spare	15454-TCC2=

Product Migration Options

The recommended replacement for the Cisco TCC+ card is the TCC2 card (Table 3). The TCC2 provides enhanced ONS 15454 MSPP system performance with increased processor speed, improved network aggregation capability, integrated node voltage monitoring, and improved software download speeds, at a cost point equivalent to the TCC+ card.

Table 3 Product Comparisons

Feature	End-of-Life Product Cisco TCC+ Processor Card	Replacement Product Cisco TCC2 Processor Card
DCC terminations	10	84 (32 supported in R4.0)
Software support	Through Release 4.1.x	Beginning R4.0.x
Memory—FLASH and RAM	64M	256M
Processor	40 MHz	400 MHz
Software download time (via DCN)	~21 minutes	~6 minutes
Node voltage monitoring	No	Yes
Manual lamp test	No	Yes
Time and date clock recovery	No	Yes
Part number	15454-TCC+	15454-TCC2

In-service processor upgrades are supported from the TCC+ card to the TCC2 card using either Release 4.0.x or 4.1.x as a transition software load. For installed systems operating on the original model TCC card, the required upgrade steps will be 1) transition from TCC card to TCC+ card using a 2.2.x or 2.3.x software release as a transition load then 2) transition from TCC+ card to TCC2 card using a 4.0.x or 4.1.x software release as the transition load. Processor upgrade procedures will be included in the Cisco ONS 15454 R4.0.0 user documentation, available at first customer shipment.

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.

Additional Information

For more information about Cisco products, please contact your Cisco account manager and/or Cisco Channels Partner.

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



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