



End-of-Sale and End-of-Life Announcement for the TCC-I Card and Software Release 3.x.x for the ONS 15454 SDH MSPP

Cisco Systems® announces the end of life of the timing communication and control international (TCC-I) processor card for the Cisco® ONS 15454 SDH Multiservice Provisioning Platform (MSPP), and of Cisco ONS 15454 SDH Software releases 3.3, 3.4.0, and 3.4.1. The last day to order the Cisco TCC-I processor card and these software items is October 1, 2003. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until October 1, 2008. Table 1 below describes the end-of-life milestones, definitions, and dates for the Cisco TCC-I processor card and for Cisco ONS 15454 SDH Software Release 3.x.x software parts. Table 2 outlines the Cisco product part numbers affected by this announcement.

Customers are encouraged to migrate to the Cisco ONS 15454E-TCC2 timing communication and control processor card, which provides enhanced Cisco ONS 15454 SDH MSPP system performance with increased processor speed, improved network aggregation capability, integrated node voltage monitoring, and improved software download speeds.

Table 1 End-of-Life Milestones and Dates

Milestone	Definition	Date
End-of-life announcement date	The date the end-of-sale and end-of-life announcement is distributed to the general public.	April 8, 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 after this date.	October 1, 2003
Last shipment date	The last-possible date that Cisco and/or its contract manufacturers will ship the affected product.	January 1, 2004
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, 2004
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, 2004
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, 2004
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, 2007
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, 2008



Table 2 Affected and Replacement Product Part Numbers

End-of-Sale Product Part Number	End-of-Sale Product Description	Replacement Product
15454E-TCC-I	Processor Card, International, TCC-I, E1, 2.048-Kbps,	15454E-TCC2
15454E-TCC-I=	Processor Card, International, TCC-I, E1, 2.048-Kbps (spare)	15454E-TCC2=
15454E-LIC-R3.4.1	Cisco ONS 15454E Upgrade License for Cisco ONS 15454 Software Release 3.4.1	15454E-LIC-R4.0.0
15454E-LIC-R3.4.0	Cisco ONS 15454E Upgrade License for Cisco ONS 15454 Software Release 3.4.0	15454E-LIC-R4.0.0
15454E-R3.4.1SWCD	Cisco ONS 15454 SDH Software Release 3.4.1 Feature Package, CD	15454E-R4.0.0SWCD
15454E-R3.4.1SWCD=	Cisco ONS 15454 SDH Software Release 3.4.1 Feature Package, CD (spare)	15454E-R4.0.0SWCD=
15454E-R3.4.0SWCD	Cisco ONS 15454 SDH Software Release 3.4.0 Feature Package, CD	15454E-R4.0.0SWCD
15454E-R3.4.0SWCD=	Cisco ONS 15454 SDH Software Release 3.4.0 Feature Package, CD (spare)	15454E-R4.0.0SWCD=
15454E-R3.3.0SWCD	Cisco ONS 15454 SDH Software Release Feature Package 3.3.0 CD	15454E-R4.0.0SWCD
15454E-R3.3.0SWCD=	Cisco ONS 15454 SDH Software Release Feature Package 3.3.0 CD (spare)	15454E-R4.0.0SWCD=
SF15454E-R3.4.1	Cisco ONS 15454 SDH Software Release 3.4.1, preloaded on the TCC-I processor card	SF15454E-R4.0.0
SF15454E-R3.4.0	Cisco ONS 15454 SDH Software Release 3.4.0, preloaded on the TCC-I processor card	SF15454E-R4.0.0
SF15454E-R3.3.0	Cisco ONS 15454 SDH Software Release 3.3.0, preloaded on the TCC-I processor card	SF15454E-R4.0.0



Product Migration Options

The replacement for the Cisco TCC-I processor card is the Cisco TCC2 processor card (Table 3). The Cisco TCC2 processor card provides enhanced Cisco ONS 15454 SDH 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 Cisco TCC-I processor card.

Table 3 Product Comparisons

Feature	End-of-Life Product/ Cisco TCC-I Processor Card	Replacement Product/ Cisco TCC2 Processor Card
Software support	Through Cisco ONS 15454 Software Release 3.4.1	Beginning with Cisco ONS 15454 Software Release 4.0.x
Data communications channel (DCC) terminations	10	84 (32 supported in Cisco ONS 15454 Software Release 4.0)
Memory – Flash and RAM	64 MB	256 MB
Processor	50 MHz	400 MHz
Software download time (via data communications network)	~20 minutes	~5 minutes
Modular Flash memory	No	Yes
Timing sources	DS1, E1 (G.703)	DS1, E1, 64K Japan timing mode (G.703)
Internal synchronization source	ST3	ITU-T G.813
Time and date clock recovery	No	Yes
Part number	15454E-TCC-I	15454E-TCC2

In-service processor upgrade from the Cisco TCC-I processor card to the Cisco TCC2 processor card is supported using Cisco ONS 15454 SDH Software Release 4.0.0 as a transition software load. Processor upgrade procedures are included in the Cisco ONS 15454 SDH Software Release 4.0.0 user documentation.

An upgrade program to the Cisco TCC2 processor card is available to existing Cisco TCC-I processor card customers.

Additional Information

For more information about Cisco products, please contact your Cisco account manager or Cisco Channels partner.

For more information about the Cisco end-of-life policy, visit:

http://www.cisco.com/en/US/products/prod_end_of_life.html



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