

# End-of-Sale and End-of-Life Announcement for the Cisco ONS 15454 MSTP and NCS 2000 Software releases 9.6.1, 9.8.1, 10.0, 10.0.1, 10.0.2, 10.1, 10.3, 12.0

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## Overview

### EOL13756

Cisco announces the end-of-sale and end-of life dates for the Cisco ONS 15454 MSTP and NCS 2000 Software releases 9.6.1, 9.8.1, 10.0, 10.0.1, 10.0.2, 10.1, 10.3, 12.0. The last day to order the affected product(s) is August 12, 2021 . 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 under the terms and conditions of customers' service contract.

## End-of-life milestones

**Table 1.** End-of-Life Milestones and Dates for the Cisco ONS 15454 MSTP and NCS 2000 Software releases 9.6.1, 9.8.1, 10.0, 10.0.1, 10.0.2, 10.1, 10.3, 12.0

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.	February 11, 2021
<b>End-of-Sale Date: OS SW</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	August 12, 2021
<b>Last Ship Date: OS SW</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.	November 10, 2021
<b>End of SW Maintenance Releases Date: OS SW</b>	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.	August 12, 2022
<b>End of New Service Attachment Date: OS SW</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.	August 12, 2022
<b>End of Service Contract Renewal Date: OS SW</b>	The last date to extend or renew a service contract for the product.	November 7, 2025
<b>Last Date of Support: OS SW</b>	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	August 31, 2026

HW = Hardware

OS SW = Operating System Software

App. SW = Application Software

## Product part numbers

**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
<b>SF15454W-R9.6.1K9</b>	15454 ANSI MSTP Rel. 9.6.1 SW, Pre-loaded on TCC3	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R9.6.1K9</b>	15454 ANSI MSTP Rel. 9.6.1 SW-WSON, Pre-loaded on TCC3	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WE-R9.6.1K9</b>	15454 ETSI MSTP Rel. 9.6.1 SW, Pre-loaded on TCC3	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WECR9.6.1K9</b>	15454 ETSI MSTP Rel. 9.6.1 SW-WSON , Preloaded on TCC3	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R9.6.1K9</b>	15454 ANSI MSTP R9.6.1 SW, Pre-loaded on TCC3, TNCE, TSCE	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R9.6.1K9</b>	15454 ANSI MSTP R9.6.1SW-WSON,Preload TCC3,TNCE,TSCE	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454ME-R9.6.1K9</b>	15454 ETSI MSTP R9.6.1 SW, Pre-loaded on TCC3, TNCE, TSCE	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MECR9.6.1K9</b>	15454 ETSI MSTP R9.6.1SW-WSON,Preloaded TCC3,TNCE,TSCE	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC9.6.1K9A</b>	ANSI MSTP-WSON 9.6.1 SW, Preloaded on TCC2P-AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC9.6.1K9A</b>	ANSI MSTP-WSON 9.6.1SW,Preloaded onTCC3,TNCE,TSCE-AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454-LIC-9.6.1K9</b>	15454 ANSI ETSI MSTP Upgrade License for 9.6.1, Right To Use	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-LIC-9.6.1K9</b>	15454 ANSI ETSI MSTP-WSON Upgrade Lic 9.6.1, Right To Use	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454-R9.6.1SWK9</b>	15454 ANSI ETSI MSTP Rel. 9.6.1 Pkgs., DVD, RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>15454-R9.6.1SWK9=</b>	15454 ANSI ETSI MSTP Rel. 9.6.1 Pkgs., DVD, RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-R9.6.1SWK9</b>	15454 ANSI ETSI MSTP-WSON Rel. 9.6.1 Pkgs,DVD,RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-R9.6.1SWK9=</b>	15454 ANSI ETSI MSTP-WSON Rel 9.6.1 Pkgs,DVD, RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-R9.6.1K9-A=</b>	ANSI ETSI MSTP-WSON Rel 9.6.1 Pkgs,DVD, RTU License- AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454W-R9.8.1K9</b>	15454 ANSI MSTP Rel. 9.8.1 SW, Pre-loaded on TCC2P	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R9.8.1K9</b>	15454 ANSI MSTP R9.8.1 SW, Pre-loaded on TCC3, TNC/E, TSC/E	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454-LIC-9.8.1K9</b>	15454 ANSI ETSI MSTP Upgrade License for 9.8.1, Right To Use	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454-R9.8.1SWK9</b>	15454 ANSI ETSI MSTP Rel. 9.8.1 Pkgs., DVD, RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454-R9.8.1SWK9=</b>	15454 ANSI ETSI MSTP Rel. 9.8.1 Pkgs., DVD, RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R9.8.1K9</b>	15454 ANSI MSTP Rel. 9.8.1 SW-WSON, Pre-loaded on TCC2P	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R9.8.1K9</b>	15454 ANSI MSTP R9.8.1SW-WSON,Preload TCC3,TNC,TNCE,TSC,TSCE	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-LIC-9.8.1K9</b>	15454 ANSI ETSI MSTP-WSON Upgrade Lic 9.8.1, Right To Use	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-R9.8.1SWK9</b>	15454 ANSI ETSI MSTP-WSON Rel. 9.8.1 Pkgs,DVD,RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-R9.8.1SWK9=</b>	15454 ANSI ETSI MSTP-WSON Rel 9.8.1 Pkgs,DVD, RTU License	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>NCS2K-M-R10.0DOC=</b>	NCS 2K - R10.0, Media (DVD) System Documentation, English	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454-LIC-UPG</b>	15454 Software Upgrade License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.0FSK9=</b>	NCS 2K / MSTP - R10.0 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R10.0K9</b>	NCS 2K / MSTP - R10.0 SW, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R10.0FSK9</b>	NCS 2K / MSTP - R10.0 SW, TNCE, TSCE - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454W-R10.0K9</b>	MSTP - R10.0 Preloaded SW, TCC2P - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R10.0K9</b>	MSTP - R10.0 Preloaded SW, TCC2P - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R10.0K9</b>	MSTP - R10.0 Preloaded SW, TCC3, TNC/E, TSC/E - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.0FSK9</b>	NCS 2K / MSTP - R10.0 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.0K9</b>	NCS 2K / MSTP - R10.0 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R10.0K9</b>	MSTP - R10.0 Preloaded SW, TCC3, TNC/E, TSC/E - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R10.0K9</b>	NCS 2K / MSTP - R10.0 SW, Upgrade SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R10.0K9=</b>	NCS 2K / MSTP - R10.0 SW, Upgrade SW RTU - WSON CP	There is currently no replacement product available for this product.	-	-
<b>15454M-R10.0SWK9</b>	MSTP - ANSI & ETSI, R10.0 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>15454M-R1001SWK9=</b>	MSTP - ANSI & ETSI, R10.0.1 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R1002SWK9=</b>	MSTP - ANSI & ETSI, R1002 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454W-R1001K9</b>	MSTP - R10.0.1 Preloaded SW, TCC2P - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R1001K9</b>	MSTP - R10.0.1 Preloaded SW, TCC2P - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R1001K9</b>	MSTP - R10.0.1 Preloaded SW, TCC3, TNC/E, TSC/E - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R1001K9</b>	MSTP - R10.0.1 Preloaded SW, TCC3, TNC/E, TSC/E - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R1001SWK9</b>	MSTP - ANSI & ETSI, R10.0.1 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-LIC-1001K9</b>	MSTP - ANSI & ETSI, R10.0.1 - Upgrade License RTU - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R1002K9</b>	MSTP - R1002 Preloaded SW, TCC3, TNCE, TSCE - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R1002K9</b>	MSTP - R1002 Preloaded SW, TCC3, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R1001K9</b>	NCS 2K/MSTP - R10.0.1 SW, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R1001FSK9</b>	NCS 2K/MSTP - R10.0.1 SW, TNCE, TSCE - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R1001FSK9</b>	NCS 2K/MSTP - R10.0.1 SW, Upgrade SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R1001K9</b>	NCS 2K/MSTP - R10.0.1 SW, Upgrade SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>NCS2K-M-R1001FSK9</b>	NCS 2K/MSTP - R10.0.1 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1001K9</b>	NCS 2K/MSTP - R10.0.1 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.0K9=</b>	NCS 2K / MSTP - R10.0 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1001FSK9=</b>	NCS 2K/MSTP - R10.0.1 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1001K9=</b>	NCS 2K/MSTP - R10.0.1 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1002FSK9=</b>	NCS 2K/MSTP - R1002 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1002K9=</b>	NCS 2K/MSTP - R1002 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R1002K9</b>	NCS 2K/MSTP - R1002 SW, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R1002FSK9</b>	NCS 2K/MSTP - R1002 SW, TNCE, TSCE - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R10.0SWK9=</b>	MSTP - ANSI & ETSI, R10.0 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-LIC-10.0K9</b>	MSTP - ANSI & ETSI, R10.0 - Upgrade License RTU - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-LIC-10.0K9=</b>	MSTP - ANSI & ETSI, R10.0 - Upgrade License RTU - NO WSON	There is currently no replacement product available for this product.	-	-
<b>SF15454W-R1002K9</b>	MSTP - R1002 Preloaded SW, TCC2P - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R1002K9</b>	MSTP - R1002 Preloaded SW, TCC2P - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-



End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>NCS2K-L-R1002FSK9</b>	NCS 2K/MSTP - R1002 SW, Upgrade SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R1002K9</b>	NCS 2K/MSTP - R1002 SW, Upgrade SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-LIC-1002K9</b>	MSTP - ANSI & ETSI, R1002 - Upgrade License RTU - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1002FSK9</b>	NCS 2K/MSTP - R1002 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R1002K9</b>	NCS 2K/MSTP - R1002 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R1002SWK9</b>	MSTP - ANSI & ETSI, R1002 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R10.1SWK9=</b>	MSTP - ANSI & ETSI, R10.1 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R10.1K9</b>	MSTP - R10.1 Preloaded SW, TCC3, TNCE, TSCE - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R10.1K9</b>	MSTP - R10.1 Preloaded SW, TCC3, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.1K9=</b>	NCS 2K/MSTP - R10.1 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.1FSK9=</b>	NCS 2K/MSTP - R10.1 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R10.1K9</b>	NCS 2K/MSTP - R10.1 SW, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R10.1FSK9</b>	NCS 2K/MSTP - R10.1 SW, TNCE, TSCE - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-10.1K9A</b>	MSTP - R10.1 Preloaded SW, TCC3, TNCE, TSCE - WSON CP AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>15454C-R10.1K9-A=</b>	MSTP - R10.1 SW, Media (DVD) SW RTU - WSON CP - AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R10.1FSK9</b>	NCS 2K/MSTP - R10.1 SW, Upgrade SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R10.1K9</b>	NCS 2K/MSTP - R10.1 SW, Upgrade SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-LIC-10.1K9</b>	MSTP - ANSI & ETSI, R10.1 - Upgrade License RTU - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.1FSK9</b>	NCS 2K/MSTP - R10.1 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.1K9</b>	NCS 2K/MSTP - R10.1 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R10.1SWK9</b>	MSTP - ANSI & ETSI, R10.1 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.1DOC=</b>	NCS 2K - R10.1 Media (DVD) System Documentation, English	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454W-R10.1K9</b>	MSTP - R10.1 Preloaded SW, TCC2P - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R10.1K9</b>	MSTP - R10.1 Preloaded SW, TCC2P - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R10.3SWK9=</b>	MSTP - ANSI & ETSI, R10.3 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454M-R10.3K9</b>	MSTP - R10.3 Preloaded SW, TCC3, TNCE, TSCE - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-R10.3K9</b>	MSTP - R10.3 Preloaded SW, TCC3, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-LIC-10.3K9</b>	MSTP - ANSI & ETSI, R10.3 - Upgrade License RTU - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>NCS2K-M-R10.3K9=</b>	NCS 2K/MSTP - R10.3 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.3FSK9=</b>	NCS 2K/MSTP - R10.3 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R10.3K9</b>	NCS 2K/MSTP - R10.3 SW, TNCE, TSCE - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-R10.3FSK9</b>	NCS 2K/MSTP - R10.3 SW, TNCE, TSCE - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R10.3FSK9</b>	NCS 2K/MSTP - R10.3 SW, Upgrade SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-L-R10.3K9</b>	NCS 2K/MSTP - R10.3 SW, Upgrade SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454W-R10.3K9</b>	MSTP - R10.3 Preloaded SW, TCC2P - NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454WC-R10.3K9</b>	MSTP - R10.3 Preloaded SW, TCC2P - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.3FSK9</b>	NCS 2K/MSTP - R10.3 SW, Media (DVD) SW RTU - FlexSpectrum	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-M-R10.3K9</b>	NCS 2K/MSTP - R10.3 SW, Media (DVD) SW RTU - WSON CP	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454M-R10.3SWK9</b>	MSTP - ANSI & ETSI, R10.3 - RTU LIC DVD, NO WSON	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF15454MC-10.3K9A</b>	MSTP - R10.3 Preloaded SW, TCC3, TNCE, TSCE - WSON CP AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>15454C-R10.3K9-A=</b>	MSTP - R10.3 SW, Media (DVD) SW RTU - WSON CP - AT&T	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>SF-NCS2K-S12.0K9</b>	NCS 2000 - Release 12.0 NE Software, Full, SVO Pre loaded	See the Product Migration Options section below for detailed information on replacing this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
<b>SF-NCS2K-B12.0K9</b>	NCS 2000 - Release 12.0 NE Software, Base, SVO Pre loaded	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>E-NCS2K-B1200K9=</b>	NCS 2K Rel 12.0 NE SW, SVO Base License, One Chassis, E-del	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>E-NCS2K-B1200K9</b>	NCS 2K Rel 12.0 NE SW, SVO Base License, One Chassis, E-del	There is currently no replacement product available for this product.	-	-
<b>E-NCS2K-S1200K9=</b>	NCS 2K Rel 12.0 NE SW, Full SVO Function, One Chassis, E-del	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>E-NCS2K-S1200K9</b>	NCS 2K Rel 12.0 NE SW, Full SVO Function, One Chassis, E-del	There is currently no replacement product available for this product.	-	-
<b>SF-NCS2K-R12.0K9</b>	NCS2K/MSTP -R12 SW, TNCE, TSCE, TNCS-2, TNCS-2-O, Pre loaded	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-R-S1200K9=</b>	NCS 2K Release 12.0 NE Software, SVO Full, 1 Chassis, USB	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-R-S1200K9</b>	Software for SVO Node, Full, 150 Chassis, USB	There is currently no replacement product available for this product.	-	-
<b>NCS2K-R-B1200K9=</b>	NCS 2K Rel 12.0 NE SW, SVO Base License, One Chassis, USB	See the Product Migration Options section below for detailed information on replacing this product.	-	-
<b>NCS2K-R-B1200K9</b>	NCS 2K Rel 12.0 NE SW, SVO Base License, One Chassis, USB	There is currently no replacement product available for this product.	-	-

## Product migration options

Cisco ONS 15454 MSTP and NCS 2000 networks can be migrated to latest software versions of Release 10.5 and 10.6 for TCC2P based deployments, Release 10.6 and above for TNC, TNC-E, TSC, TSC-E, TNCS, TNCS-O based deployments, Release 11.0 and above for TNCS2 and TNCS2O based deployments.

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at

[https://www.cisco.com/web/partners/incentives\\_and\\_promotions/tmp.html](https://www.cisco.com/web/partners/incentives_and_promotions/tmp.html).

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Customers may be able to continue to purchase the Cisco ONS 15454 MSTP and NCS 2000 Software releases 9.6.1, 9.8.1, 10.0, 10.0.1, 10.0.2, 10.1, 10.3, 12.0 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: <https://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:  
[https://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](https://www.cisco.com/en/US/products/products_end-of-life_policy.html).

For more information about the Cisco Product Warranties, go to:  
[https://www.cisco.com/en/US/products/prod\\_warranties\\_listing.html](https://www.cisco.com/en/US/products/prod_warranties_listing.html).

To subscribe to receive end-of-life/end-of-sale information, go to:  
<https://www.cisco.com/cisco/support/notifications.html>.

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