

## End-of-Sale and End-of-Life Announcement for the Cisco AS5850 Universal Gateway

EOL6365 - Amended

Cisco® announces the end-of-sale and end-of life dates for the Cisco AS5850 Universal Gateway. The last day to order the affected product(s) is December 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 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 until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1.

The final Cisco IOS Software release that will support the Cisco AS5850 dial-up/remote-access applications will be Release 12.4M. The final Cisco IOS Software release that will support voice applications, and the final IOS Software release for the AS5850 platform, will be Release 12.4(15)T. This strategy was developed in collaboration with several product and business units within Cisco to provide support for platforms in the 12.4(15)T release train after their end-of-sale (EoS) dates. Cisco will continue to provide support for the Cisco AS5850 (and other platforms no longer sold) with Release 12.4(15)T through the milestone support dates shown below. For further information on the Cisco IOS Software release train strategy, please see:

[http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps6969/ps1835/prod\\_bulletin0900aecd801eda8a.pdf](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps6969/ps1835/prod_bulletin0900aecd801eda8a.pdf).

**Table 1.** End-of-Life Milestones and Dates for the Cisco Monitor Director and Cisco Monitor Manager 1.1.2

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 1, 2008
<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.	December 30, 2008
<b>Last Ship Date: HW, 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.	March 30, 2009
<b>End of SW Maintenance Releases Date: HW, 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.	December 30, 2009
<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.	December 30, 2009
<b>End of New Service Attachment Date: HW, 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.	December 30, 2009
<b>End of Service Contract Renewal Date: HW, OS SW</b>	The last date to extend or renew a service contract for the product.	March 27, 2013
<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.	December 29, 2013

HW = Hardware

OS SW = Operating System Software

App. SW = Application Software

The replacement product IDs shown are AS5400XM-equivalent IDs. These replacement product IDs are not direct replacements that can be used as spare parts for the AS5850 but instead are migration platforms/items that can support similar functionality in the Cisco AS5400XM platform. The Cisco AS5X-FC and AS5X-PVDM2-64 items shown as migration options support voice applications only. For universal voice, dial-up/remote-access application support, the AS5X-VUFC-60NP or AS5X-VUFC-108NP cards may be used. For dial-up/remote-access-only applications, the AS5X-DIAL-60NP or AS5X-DIAL-108NP cards are options. The Cisco AS5850 can achieve a higher per-chassis digital signal processing (DSP) channel and time-division multiplexing (TDM) trunk-card quantity and density than the Cisco AS5400XM can achieve. To reach a similar density, multiple AS5400XMs would need to be grouped (that is, racked or stacked).

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

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
<b>AS58-1CT3/216U</b>	AS5800 Series Channelized T3 Card + 216 DSP Ports	AS54-DFC-CT3A	AS5400 CT3 DFC card
<b>AS58-1CT3/216U</b>	AS5800 Series Channelized T3 Card + 216 DSP Ports	AS5X-FC	AS5000 Feature Card with Six PVDM DSP Module Slots
<b>AS58-1CT3/216U</b>	AS5800 Series Channelized T3 Card + 216 DSP Ports	AS5X-PVDM2-64	AS5000 64-Channel Packet Voice/Fax DSP Module
<b>AS58-1CT3/216U=</b>	AS5800 Series Channelized T3 Card + 216 DSP Ports	AS54-DFC-CT3A	AS5400 CT3 DFC card
<b>AS58-1CT3/216U=</b>	AS5800 Series Channelized T3 Card + 216 DSP Ports	AS5X-FC	AS5000 Feature Card with Six PVDM DSP Module Slots
<b>AS58-1CT3/216U=</b>	AS5800 Series Channelized T3 Card + 216 DSP Ports	AS5X-PVDM2-64	AS5000 64-Channel Packet Voice/Fax DSP Module
<b>AS58-1STM1</b>	AS5850 Single Port STM-1 Card	See Product Migration Options section for details.	Not available suggest to utilize Cisco ONS 15305 to mux STM1 to E1 and interconnect to AS5400XM
<b>AS58-1STM1=</b>	AS5850 Single Port STM-1 Card	See Product Migration Options section for details.	Not available suggest to utilize Cisco ONS 15305 to mux STM1 to E1 and interconnect to AS5400XM
<b>AS58-24CE1</b>	AS5850 24 Port CE1 Card	AS54-DFC-8CE1	AS5400 Octal E1/PRI DFC card
<b>AS58-24CE1=</b>	AS5850 24 Port CE1 Card	AS54-DFC-8CE1=	AS5400 Octal E1/PRI DFC card
<b>AS58-24CT1</b>	AS5850 24 Port CT1 Card	AS54-DFC-8CT1	AS5400 Octal T1/PRI DFC card
<b>AS58-24CT1=</b>	AS5850 24 Port CT1 Card	AS54-DFC-8CT1=	AS5400 Octal T1/PRI DFC card
<b>AS58-324UPC-CC</b>	AS5800 Series 324 Port Card	AS5X-FC	AS5000 Feature Card with Six PVDM DSP Module Slots
<b>AS58-324UPC-CC</b>	AS5800 Series 324 Port Card	AS5X-PVDM2-64	AS5000 64-Channel Packet Voice/Fax DSP Module
<b>AS58-324UPC-CC=</b>	AS5800 Series 324 Port Card	AS5X-FC	AS5000 Feature Card with Six PVDM DSP Module Slots
<b>AS58-324UPC-CC=</b>	AS5800 Series 324 Port Card	AS5X-PVDM2-64	AS5000 64-Channel Packet Voice/Fax DSP Module
<b>AS58-64MB-CF</b>	64 MB Compact Flash for AS5850-RSC and AS5850-eRSC	There is currently no replacement product available for this product.	
<b>AS58-64MB-CF=</b>	64 MB Compact Flash for AS5850-RSC and AS5850-eRSC	There is currently no replacement product available for this product.	

<b>AS58-ERSC-2GE</b>	AS5850 Enhanced Route Switch Controller Card + GE	AS5400XM	AS5400XM Starter Kit (inc Chassis, MB, Def Mem)
<b>AS58-ERSC-2GE/2</b>	AS5850 Enhanced Route Switch Controller Card (Secondary)	AS5400XM	AS5400XM Starter Kit (inc Chassis, MB, Def Mem)
<b>AS58-ERSC-2GE/2=</b>	AS5850 Enhanced Route Switch Controller Card (Secondary)	AS5400XM=	AS5400XM Starter Kit (inc Chassis, MB, Def Mem)
<b>AS58-ERSC-2GE=</b>	AS5850 Enhanced Route Switch Controller Card + GE	AS5400XM	AS5400XM Starter Kit (inc Chassis, MB, Def Mem)
<b>AS58-PWR-3AC/2400</b>	AS5800 AC Power Option (120/240 VAC)	AS54XM-AC-RPS	AS5400XM AC Redundant Power Supply
<b>AS58-PWR-3AC/2400=</b>	AS5800 AC Power Option (120/240 VAC)	AS54XM-AC-RPS=	AS5400XM spare chassis including AC Redundant Power Supply
<b>AS58-PWR-3AC/MOD=</b>	AS5800 3AC/2400 Power Module (Spare)	AS54XM-AC-RPS	AS5400XM AC Redundant Power Supply
<b>AS585-1DS3-672-V</b>	AS5850;2 eRSC,1DS3,864 DSPs,Dual DC,SP Plus,672 ENHVOX Lics	AS54XM-CT3-648-V	AS5400XM Voice; CT3, 648 DSPs, AC RPS, IP+ IOS
<b>AS585-1DS3-672-V</b>	AS5850;2 eRSC,1DS3,864 DSPs,Dual DC,SP Plus,672 ENHVOX Lics	AS54XM-CT3-V-HC	AS5400XM High-Density Voice; CT3,28 AS5X-PVDM2-64,IP+ IOS
<b>AS585-1STM1-1890-V</b>	AS5850;2eRSC,1STM1,19 44 DSPs,Dual DC,SP Plus,1890 ENHVOX Lic	See Product Migration Options section for details.	Not available suggest to utilize Cisco ONS 15305 to mux STM1 to E1 and interconnect to AS54XM-20E1-V-LC
<b>AS585-24E1-720-V</b>	AS5850;2 eRSC,24E1,972 DSPs,Dual DC,SP Plus,720 ENHVOX Lics	AS54XM-20E1-V-LC	AS5400XM Voice G.711 w/ 20E1, 10 AS5X-PVDM2-64, IP+ IOS
<b>AS5850</b>	AS5814 Chassis, 14 Slot, Dual DC Power	There is currently no replacement product available for this product.	
<b>AS5850-CM=</b>	AS5850 Cooling Module (Spare)	There is currently no replacement product available for this product.	
<b>AS5850-EG-SK</b>	AS5850 Enhanced RSC Starter Kit, Gigabit Interface	AS5400XM	AS5400XM Starter Kit (inc Chassis, MB, Def Mem)
<b>AS5850-PEMF=</b>	AS5850 Power Entry Module and Filter	There is currently no replacement product available for this product.	
<b>AS5850-RMK=</b>	AS5850 Rack Mount Kit (Spare)	There is currently no replacement product available for this product.	
<b>AS5850=</b>	AS5850 Chassis, 14 Slot, Dual DC Power	There is currently no replacement product available for this product.	
<b>CAB-STM1-BANTAM</b>	STM-1 test port cable	There is currently no replacement product available for this product.	
<b>CAB-STM1-BANTAM=</b>	STM-1 test port cable	There is currently no replacement product available for this product.	
<b>DS58-BLANK</b>	DS5800 Dial Shelf Slot Blank	There is currently no replacement product available for this product.	

<b>DS58-BLANK=</b>	DS5800 Slot Blanks (Spare)	There is currently no replacement product available for this product.	
<b>FR585-DATA-LIC</b>	AS5850 IOS Data License Per Port	There is currently no replacement product available for this product.	
<b>FR585-DATA-LIC=</b>	AS5850 IOS Data License Per Port	There is currently no replacement product available for this product.	
<b>FR585-ENHVOX-LIC</b>	AS5850 IOS Enhanced Voice License Per Port	There is currently no replacement product available for this product.	
<b>FR585-ENHVOX-LIC=</b>	AS5850 IOS Enhanced Voice License Per Port	There is currently no replacement product available for this product.	
<b>S585Z91-12401</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12401=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12407</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12407=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12409T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12409T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12411T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12411T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12413</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12413=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12416</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12416=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	

<b>S585Z91-12417</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91-12417=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS	There is currently no replacement product available for this product.	
<b>S585Z91K8-12311T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 56	There is currently no replacement product available for this product.	
<b>S585Z91K8-12311T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 56	There is currently no replacement product available for this product.	
<b>S585Z91K9-12311T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12311T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12401</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12401=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12407</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12407=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12409T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12409T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12411T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12411T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12413</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12413=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12415T</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	

<b>S585Z91K9-12415T=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12416</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9-12416=</b>	Cisco AS5850 IOS ERSC SERVICE PROVIDER PLUS IPSEC 3DES	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12403</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12403=</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12407</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12407=</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12409T</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12409T=</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12411T</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12411T=</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12413</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12413=</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
<b>S585Z91K9U-12415T</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	
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<b>S585Z91K9U-12416=</b>	Cisco AS5850 IOS ERSC SP PLUS IPSEC3DES LAWFUL INTERCEPT	There is currently no replacement product available for this product.	

## Product Migration Options

Customers are encouraged to migrate to the Cisco AS5400XM or AS5350XM platforms.

Information about these products can be found at:

<http://www.cisco.com/en/US/products/hw/iad/index.html>.

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 Cisco AS5850 Universal Gateway 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: <http://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 AS5400XM Universal Gateway, visit

<http://www.cisco.com/en/US/products/ps6269/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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