End of Software Support Notice for GSX cards: MNS20, PNS40, SPS70, CNS60 and CNS71

Background:

The GSX CNS60 and CNS71 Circuit Servers cards were Manufacture Discontinued on February 7, 2011. The GSX MNS20 Management Server card, the GSX PNS40 Ethernet Server card, and the GSX SPS70 Compression Server card were Manufacture Discontinued on October 6, 2011. This notice is to inform customers that the above GSX cards have reached End of Software Support. Best effort Ribbon Technical Support is still available for purchase. Customers with active maintenance agreements are recommended to modernize their hardware for continued software support.

Analysis:

For clarity, the published End of Support date for the MNS20 card was December 31, 2015, the published End of Support date for the PNS40 and SPS70 cards was December 31, 2016, and the published End of Support date for the CNS60 and CNS71 cards was February 11, 2017. Software support of the CNS60, CNS71, MNS20, PNS40 and SPS70 is no longer offered for purchase. The table below outlines the End of Support part numbers.

Please go to Appendix I and II to see the prior EOL Notices for MNS20, PNS40, SPS71 and CNS60, CNS71.

GSX Cards with NO SOFTWARE SUPPORT

End of Support GSX Server Cards	Description
CNS60/CNS60-1	3 PORT T3 SERVER CARD
CNS71/CNS71-E	HIGH DENSITY OPTICAL CIRCUIT SERVER CARD
MNS20/MNS20-E	MANAGEMENT SERVER CARD
PNS40/PNS40-E	DUAL GIGABIT ETHERNET SERVER CARD
SPS70-723 SPS70-726 SPS70-726-E SPS70-729 SPS70-ILBC SPS70-MID SPS70-MID-E SPS70-UNIV SPS70-UNIV-E	COMPRESSION SERVER CARD

Recommendations:

In order to maintain Software Support, customers are required to replace their End of Support cards.

Required Actions:

Contact your Ribbon representative for details on replacement options.

Additional Information:

Server Card Category	End of Support Hardware (No Software Support)		Generally Available Hardware Options (Full Software Support)		
	Server Card	Last Supported Software Release	Server Card	Adaptor Card	Minimum SW Release
Management	MNS10/MNS11	8.4	MNS21/26	MNA20/ MNA21/MNA25 MTA10/ MTA20/MTA21/ MTA30	8.4
	MNS20	9.2			
Packet	PNS10	8.4	PNS41	PNA40/ PNA45	8.4
	PNS40	8.4			
DS3	CNS60	9.2	CNS80/CNS85	CNA80/ CNA08	8.4
OC3/STM-1	CNS71	9.2	CNS81/CNS86	CNA81/ CPIM81/CNA08	8.4
E1/T1	CNS30	8.4	CNS40/45	CNA40/ CNA04	8.4
DSP	SPS70	9.2	SPS80	N/A	8.4

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This bulletin is subject to the existing customer purchase agreement between the parties which shall control in the event of conflict.

SONUS PRODUCT BULLETIN

Subject: **MNS20-PNS40-SPS70 End of Life (EOL) Notice**
Date: **October 6, 2010**

Relevant to: Worldwide Sales Organization, Marketing, Global Support Services, Finance, Manufacturing

End of Life notice is given on the following product codes.

Product Codes No Longer Available:

BASE-N-HDHP	HDHP BASE SYSTEM, NONREDUNDANT W/ MNS20
BASE-N-HDHP-E	HDHP BASE SYSTEM, NONREDUNDANT W/ MNS20
BASE-R-HDHP	HDHP BASE SYSTEM, REDUNDANT W/MNS20
BASE-R-HDHP-E	HDHP BASE SYSTEM, REDUNDANT W/MNS20
MNS20	MNS20 HD HP MANAGEMENT SERVER
MNS20-E	MNS20 HD HP MANAGEMENT SERVER

Original Sonus Product Life Cycle support dates

- EOL- October 6, 2010
- LOD- Supplies Are Limited – Consult Factory for Availability
- MD- October 6, 2011
- EOS- December 31, 2015

Product Codes No Longer Available:

IPS2G2	X GIGABIT ETHERNET INTERFACE SET - DUAL SINGLE- MODE ADAPTER (PNS40, PNA40)
IPS2G-E	2 X GIGABIT ETHERNET INTERFACE SET - DUAL SINGLE-MODE ADAPTER (PNS40, PNA40)
IPS2G-MM	2 X GIGABIT ETHERNET INTERFACE - DUAL MULTIMODE ADAPTER (PNS40, PNA45)
IPS2G-MM-E	2 X GIGABIT ETHERNET INTERFACE - DUAL MULTIMODE ADAPTER (PNS40, PNA45)
PNS40	DUAL GIGABIT ETHERNET SERVER
PNS40-E	DUAL GIGABIT ETHERNET SERVER
SPS70-723	SPS70 COMPRESSION SERVER WITH G.723 & T38
SPS70-726	SPS70 COMPRESSION SERVER WITH G.726 & T.38
SPS70-726-E	SPS70 COMPRESSION SERVER WITH G.726 & T.38
SPS70-726TOMID	UPGRADE OF SPS70 FROM SPS70-726 TO SPS70-MID
SPS70-729	SPS70 COMPRESSION SERVER WITH G.729 & T.38
SPS70-ILBC	SPS70 COMPRESSION SERVER INCLUDING G.723.1, G.726, ILBC & T.38

SPS70-MID   SPS70 COMPRESSION SERVER INCLUDING G.726, G.729A, T.38 AND RFC2833

SPS70-MID-E   SPS70 COMPRESSION SERVER INCLUDING G.726, G.729A, T.38 AND RFC2833

SPS70-UNIV   SPS70 COMPRESSION SERVER INCLUDING G.723.1, G.726, G.729, ILBC & T.38

SPS70-UNIV-E   SPS70 COMPRESSION SERVER INCLUDING G.723.1, G.726, G.729, ILBC & T.38

Original Sonus Product Life Cycle support dates

- EOL-   October 6, 2010
- LOD-   April 6, 2011
- MD-   October 6, 2011
- EOS-   December 31, 2016

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This report is for the use of Sonus and its employees only.

Contributor:
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End Of Life (EOL) Products Announcement
February 7, 2011

END OF LIFE PRODUCTS – ANNOUNCEMENT

Sonus Networks announces the last order dates and end-of-life dates for the products pertaining to the CNS60 and CNS71. These products will be supported for a defined period of time after EOL of the product. Replacement products are suggested for each of these models.

Milestone	Definition
EOL – End Of Life Notification.	Date that the Product Change Notice (PCN) indicating EOL is issued. This PCN indicates scheduled dates for the remaining EOL milestones and provides additional information on implications of EOL to customers.
LOD – Last Order Date	Last date that an order may be placed for the product.
MD – Manufacturing Discontinuation	Last date Sonus Manufacturing will ship new product to customers. After this date, Sonus Manufacturing no longer builds, packages, or maintains stocking levels of the product. Customer Support will maintain adequate stock to meet RMA needs.
EOS - End of Support	Date that Sonus Customer Service discontinues support for the product. Software releases are not required to support hardware for which the EOS date has passed. A PCN shall be issued in advance of this date confirming impending EOS.

Product Code	Product Code Description	End of Life Announcement Date	Last Order Date	Manufacturing Discontinuance	End of Support Date	Suggested Replacement Product Code with Minimum Software Release	Suggested Replacement Product Description
3T3S-N	3 X T3 INTERFACE SET (CNS60/CNA60)	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	3T3S80-N (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 X T3 INTERFACE SET (CNS80/CNA80)
3T3S-N-E	3 X T3 INTERFACE SET (CNS60/CNA60)	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	3T3S80-N (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 X T3 INTERFACE SET (CNS80/CNA80)
3T3S-R	3 X T3 REDUNDANT INTERFACE SET (CNS60/CNA06)	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	3T3S80-R (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 X T3 REDUNDANT INTERFACE SET (CNS80/CNA08)
3T3S-R-E	3 X T3 REDUNDANT INTERFACE SET (CNS60/CNA06)	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	3T3S80-R (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 X T3 REDUNDANT INTERFACE SET (CNS80/CNA08)
CNA06	STANDBY 3 PORT T3 ADAPTER	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNA08 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 PORT T3 STANDBY CIRCUIT ADAPTER (CNA08)
CNA07	HIGH DENSITY OPTICAL CIRCUIT STANDBY ADAPTER	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNA08 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 PORT T3 STANDBY CIRCUIT ADAPTER (CNA08)
CNA60	3 PORT T3 ADAPTER	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNA80 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 PORT T3 CIRCUIT ADAPTER (CNA80)

			Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNA81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL CIRCUIT ADAPTER CARRIER (CNA81)
CNA70	HIGH DENSITY OPTICAL CIRCUIT ADAPTER	Feb 11, 2011					
CNS60	3 PORT T3 SERVER	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNS80 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	3 X T3 CIRCUIT SERVER (CNS80)
CNS60-POLSW	MODULE, 3-PORT T3 SERVER - INCLUDES 2016 POLSW (PSX VOIP LICENSE FOR ACTIVE DS0)	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNS80-POLSW (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	MODULE, 3-PORT T3 SERVER - INCLUDES 2016 POLSW (PSX VOIP LICENSE FOR ACTIVE DS0)
CNS71	HIGH DENSITY OPTICAL CIRCUIT SERVER	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNS81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL CIRCUIT SERVER (CNS81)
CNS71-E	HIGH DENSITY OPTICAL CIRCUIT SERVER	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CNS81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL CIRCUIT SERVER (CNS81)
CPIM71	HIGH DENSITY OPTICAL PLUG IN MODULE	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CPIM81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL PLUG IN MODULE (CPIM81)
CPIM71A	HIGH DENSITY OPTICAL CIRCUIT PLUG IN MODULE - JAPAN	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CPIM81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL PLUG IN MODULE (CPIM81)
CPIM71-E	HIGH DENSITY OPTICAL PLUG IN MODULE	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CPIM81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL PLUG IN MODULE (CPIM81)
OIM3A-N	HIGH DENSITY OPTICAL CIRCUIT SET WITH CPIM71A PLUG-IN MODULE - ACTIVE	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	CPIM81 (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL PLUG IN MODULE (CPIM81)
OIM3-N	HIGH DENSITY OPTICAL CIRCUIT MODULE- ACTIVE	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	OIM381-N (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL INTERFACE SET (CNS81/CNA81/2XCPIM81)
OIM3-N-E	HIGH DENSITY OPTICAL CIRCUIT MODULE- ACTIVE	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	OIM381-N (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL INTERFACE SET (CNS81/CNA81/2XCPIM81)
OIM3-R	HIGH DENSITY OPTICAL CIRCUIT MODULE- REDUNDANT	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	OIM381-R (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL REDUNDANT INTERFACE SET (CNS81/CNA08)
OIM3-R-E	HIGH DENSITY OPTICAL CIRCUIT MODULE- REDUNDANT	Feb 11, 2011	Aug 11, 2011	Feb 11, 2012	Feb 11, 2017	OIM381-R (R6.4.7, 6.5.2, 7.0.1, 7.1.1, 7.2.0, 7.3.0, 8.0)	HIGH DENSITY OPTICAL REDUNDANT INTERFACE SET (CNS81/CNA08)