



## Retirement Bulletin

Bulletin Number: R-2006-0231-Global

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# Multiprotocol Router Backbone Node (BN) Manufacture Discontinue Notice

## REVISION HISTORY

Date	Revision #	Summary of Changes
01 January 2007	Original bulletin	This is the original publication

Last Time Order Date:	April 30, 2007
Last Ship Date:	May 31, 2007
Manufacture Discontinue (MD) Date:	May 31, 2007
End of Life (EOL) Date:	June 1, 2012
Last Supported Software Release:	<i>BayRS 15.7, 15.6, 15.4</i>
Market Regions Affected:	<i>Global, NA, CALA, EMEA, and Asia Pacific</i>

### Introduction

The Multiprotocol Router Backbone Node (BN) product family comprising of Backbone Concentrator Node (BCN) and Backbone Link Node (BLN) products is being discontinued by Nortel\*. The last order date is April 30, 2007 with the table below providing a list of discontinued codes. Any Multiprotocol Router BN order codes not listed in the table have also been discontinued.

Although no direct replacement exists at the time of this notice, customers are urged to consider the Secure Router family, including the Secure Router 3120 as well as future Secure Router models as potential replacements. Please note that the Secure Router products are IP WAN routers and do not support legacy multiprotocol features of the Multiprotocol Router BN. The Secure Router family provides superior price/performance with advanced features in the areas of Routing, WAN, VPN, Security, Quality of Service and Network Management.

Technical support for the Multiprotocol Router BN products will continue through the normal Nortel Technical Support Center. This notice will also serve as the final EOL notice for the order codes identified below and no additional notice will be issued.

**Definition**

Manufacture Discontinue (MD) – This notice serves as formal communication of Nortel Networks’ intent to MD the product(s) noted. No further orders will be accepted as of the Last Time Order Date shown above and no further shipments made after the product has been discontinued. The MD of these products should not be interpreted as the discontinuance of any Nortel Networks agreements to support the existing field population. Services to the existing product base will continue to be provided until the End of Life (EOL) date shown above.

**Product Overview (See Table for Detail)**

<b>BACKBONE LINK NODE (BLN) AND BACKBONE CONCENTRATOR NODE (BCN) SYSTEMS</b>	
	<b>Backbone Concentrator Node (BCN) Base Unit</b>
73000	BCN Base Unit
73001	BCN DC Base Unit
AG0002001	BCN Redundant Line Cord AC Base Unit - includes SRM-L, SRM-F and 4 Power Supplies
	<b>Backbone Link Node (BLN) Base Unit</b>
71000	BLN-2 Base Unit - Dual Power Supplies
71001	BLN-2 DC Base Unit - Dual Power Supplies
71004	BLN-2 Base Unit - Single Power Supply
72000	BLN Base Unit
	<b>Options</b>
75099RM	BCN/BLN-2 Rack Mount Replacement Kit
	<b>BCN/BCN RLC AC Power Cords</b>
7929	U.S. Standard Connector (CN/BCN/BCN RLC)
7930	Non-U.S. Standard Connector (CN/BCN/BCN RLC)
AA0020002	20A/125V Power Cord (BCN RLC)
<b>LOCAL AREA NETWORK INTELLIGENT LINK INTERFACES</b>	
	<b>ETHERNET BLN/BLN-2/BCN ILIs with FRE2-060 Processors</b>
AG1004005	Dual 100BASE-T FRE2-060 64MB ILI
AG1004006	Quad Port Ethernet FRE2-060 64MB ILI
AG1004007	Quad Port Ethernet - High Speed Filters FRE2-060 64MB ILI
AG1004008	Dual Ethernet/Dual Sync (ESAF) - No Filters FRE2-060 64MB ILI
AG1004009	Dual Ethernet/Dual Sync (ESAF) - Max. Filters FRE2-060 64MB ILI
	<b>ETHERNET BLN/BLN-2/BCN ILIs with FRE2-060E Processors</b>
AG1004031	Dual Ethernet/Dual Sync (ESAF) - No Filters FRE2-060E 64MB ILI with Advanced Compression Co-Processor for 256 Context.

AG1004033	Dual Ethernet/Dual Sync (ESAF) - Max. Filters FRE2-060E 64MB ILI with Advanced Compression Co-Processor for 256 Context.
	<b>ETHERNET BLN/BLN-2/BCN ILIs with FRE4-PPC Processors</b>
AG2204016	4-PORT 10/100BASE-TX with FRE4-PPC 64MB
AG2204017	4-PORT 10/100BASE-TX with FRE4-PPC 128MB
AG2204019	4-PORT 100BASE-FX with FRE4-PPC 64MB.
AG2204020	4-PORT 100BASE-FX with FRE4-PPC 128MB
	<b>ETHERNET GIGABIT BL/BLN-2BCN ILIs with FRE4-PPC Processors</b>
AG2204022	1000BASE-SX with FRE4-PPC 64MB
AG2204023	1000BASE-SX with FRE4-PPC 128MB
AG2204025	1000BASE-LX with FRE4-PPC 64MB
AG2204026	1000BASE-LX with FRE4-PPC 128MB
	<b>FDDI BLN/BLN-2/BCN ILIs with FRE2-060 Processors</b>
AG1204001	Multimode FDDI FRE2-060 64MB ILI
	<b>TOKEN RING BLN/BLN-2/BCN ILIs with FRE2-060 Processors</b>
AG1104006	Quad Port Token Ring FRE2-060 64MB ILI
<b>WIDE AREA NETWORK INTELLIGENT LINK INTERFACES</b>	
	<b>120 ohm ISDN PRI and MULTICHANNEL E1 BLN/BLN-2/BCN ILIs with FRE2-060 processors</b>
AG2104044	120 ohm Dual Port Multichannel E1 (MCE1-II) FRE2-060 64MB ILI
	<b>75 ohm MULTICHANNEL E1 BLN/BLN-2/BCN ILIs with FRE2-060 processors</b>
AG2104046	75 ohm Dual Port Multichannel E1 (MCE1-II) FRE2-060 64MB ILI
	<b>75 ohm MULTICHANNEL E1 BLN/BLN-2/BCN ILIs with FRE2-060E processors and Advanced Co-Processor Compression</b>
AG2104171	75 ohm Dual Port Multichannel E1 (MCE1-II) FRE2-060E 64MB ILI with Advanced Co-Processor Compression with 128 Context.
AG2104172	75 ohm Dual Port Multichannel E1 (MCE1-II) FRE2-060E 64MB ILI with Advanced Co-Processor Compression with 256 Context.
	<b>HIGH SPEED SERIAL INTERFACE BLN/BLN-2/BCN ILIs with FRE2-060 processors</b>
AG2104039	Single Port High Speed Serial Interface (HSSI) FRE2-060 64MB ILI
	<b>ISDN PRI or MULTICHANNEL T1 BLN/BLN-2/BCN ILIs with FRE2-060 processors</b>
AG2104004	Quad Port Multichannel T1 (QMCT1) -DB15 FRE2-060 64MB ILI
AG2104049	Dual Port Multichannel T1 (MC-T1) FRE2-060 64MB ILI
AG2104056	Quad Port Multichannel T1 with DS0A (QMCT1 w/DS0A) DB15 FRE2-060 64MB ILI
	<b>ISDN PRI or MULTICHANNEL T1 BLN/BLN-2/BCN ILIs with FRE2-060E processors and Advanced Co-Processor Compression</b>
AG2104135	Quad Port Multichannel T1 (QMCT1) -DB15 FRE2-060E 64MB ILI with Advanced Co-Processor Compression with 128 Context.
AG2104136	Quad Port Multichannel T1 (QMCT1) -DB15 FRE2-060E 64MB ILI with Advanced Co-Processor Compression with 256 Context.

	<b>ISDN PRI or MULTICHANNEL E1 BLN/BLN-2/BCN ILIs with FRE2-060E processors and Advanced Co-Processor Compression</b>
AG2104153	120 ohm Dual Port Multichannel E1 (MCE1-II) FRE2-060E 64MB ILI with Advanced Co-Processor Compression with 128 Context.
AG2104154	120 ohm Dual Port Multichannel E1 (MCE1-II) FRE2-060E 64MB ILI with Advanced Co-Processor Compression with 256 Context.
	<b>OCTAL PORT SYNC BLN/BLN-2/BCN ILIs with FRE2-060 processors</b>
AG2104040	Octal Port Synchronous FRE2-060 64MB ILI
AG2104041	Octal Sync w/32 Contexts Hardware Compression FRE2-060 64MB ILI
AG2104042	Octal Sync w/128 Contexts Hardware Compression FRE2-060 64MB ILI
	<b>OCTAL PORT SYNC BLN/BLN-2/BCN ILIs with FRE2-060E processors and Advanced Co-Processor Compression</b>
AG2104093	Octal Port Synchronous FRE2-060E 64MB ILI with Advanced Co-Processor with 128 Context.
AG2104094	Octal Port Synchronous FRE2-060E 64MB ILI with Advanced Co-Processor with 256 Context.
	<b>QUAD PORT SYNC BLN/BLN-2/BCN ILIs with FRE2-060 processors</b>
AG2104043	Quad Port Synchronous FRE2-060 64MB ILI
	<b>QUAD PORT SYNC BLN/BLN-2/BCN ILIs with FRE2-060E processors and Advanced Co-Processor Compression</b>
AG2104081	Quad Port Synchronous FRE2-060E 64MB ILI with Advanced Co-Processor with 128 Context.
AG2104082	Quad Port Synchronous FRE2-060E 64MB ILI with Advanced Co-Processor with 256 Context.
<b>ASYNCHRONOUS TRANSFER MODE INTELLIGENT LINK INTERFACES</b>	
	<b>DS-3 BLN/BLN-2/BCN ATM ILIs with ARE Processors</b>
AG1304016	64M/6MB ARE with DS-3 Link Module
	<b>E3 BLN/BLN-2/BCN ATM ILIs with ARE Processors</b>
AG1304021	64M/6MB ARE with E3 Link Module
	<b>STS-3/STM-1 MMF BLN/BLN-2/BCN ATM ILIs with ARE Processors</b>
AG1304020	64M/6M ARE with STS-3/STM-1 MMF Link Module
	<b>STS-3/STM-1 SMF BLN/BLN-2/BCN ATM ILIs with ARE Processors</b>
AG1304015	64M/6M ARE with STS-3/STM-1 SMF Link Module
<b>DAUGHTERBOARD SPARES - BLN, BLN-2, BCN</b>	
	<b>Local Area Network Daughterboards</b>
5455	Quad Port Ethernet High Speed Filters Daughterboard
5935	FDDI High Speed Filters Daughterboard
	<b>Wide Area Network Daughterboards</b>
AG2111005	32 Contexts Hardware Compression Daughterboard
AG2111006	128 Contexts Hardware Compression Daughterboard
	<b>DRAM/Flash Memory</b>
AA0011002	8M Flash Card Spare - Formatted
AA0011005	16M Flash Card Spare - Formatted

<b>LINK MODULE INTERFACE SPARES – BLN/BLN-2/BCN</b>	
	<b>Asynchronous Transfer Mode Link Modules</b>
AG1311012	ARE Link Module Spare - STS-3/STM-1 MMF
AG1311013	ARE Link Module Spare - STS-3/STM-1 SMF
AG1311014	E3 ARE Link Module Spare
AG1311015	DS-3 ARE Link Module Spare
	<b>Local Area Network Link Modules</b>
50021	Quad Port Token Ring Link Module
50038	Dual 100BASE-T Link Module Spare
5431	Dual Ethernet/Dual Sync Link Module
5450	Quad Port Ethernet Link Module
5532	Dual Ethernet/Dual Sync - Max. Filters Link Module
5920	Optical Bypass Switch
5930	Multimode FDDI Link Module
5950	Quad Ethernet - High Speed Filters Link Module
AG0011041	1000BASE-SX Spare
AG0011042	1000BASE-LX Spare
AG0011043	4-PORT 10/100BASE-TX SPARE
AG0011044	4-PORT 100BASE-FX SPARE
	<b>Wide Area Network Link Modules</b>
5008	Octal Port Synchronous Link Module
5280	Quad Port Synchronous Link Module
5295	Single Port High Speed Serial Interface (HSSI) Link Module
5945	Dual Port Multichannel T1 (MC-T1) Link Module
AG2104052	Quad Port Multichannel T1 with DS0A (QMCT1 w/DS0A) Link Module DB15 (See Note 1)
AG2111001	120 ohm Dual Port Multichannel E1 (MCE1-II) Link Module for 120 ohm ISDN PRI & 120 ohm leased line.
AG2111003	75 ohm Dual Port Multichannel E1 (MCE1-II) Link Module for 75 ohm leased line
AG2111007	Quad Port Multichannel T1 (QMCT1) Link Module DB15
	<b>SYSTEM SPARES</b>
	<b>Spare Components</b>
5036	BLN Power Supply - 110V/220V (620 watt)
75000	BLN/BCN System Resource Module - (SRM-L) Spare
75001	BLN-2 Rear Fan Module
75002	BLN-2 Front Fan Module
75003	BLN-2 Fan Controller Module
75005	BLN-2 DC Base Unit Spare
75010	BLN/BCN System Resource Module (SRM-F)
75011	BLN/BCN System Resource Module - (SRM-F) Spare
75020	BCN / BLN-2 Additional Power Supply
75021	BCN DC Additional Power Supply
75040	BCN Base Unit Spare
75041	BCN Fan Tray Assembly Spare
75042	BLN/BCN Air Flow Processor Module Spare
75044	BCN/BLN-2 Power Supply Spare
75045	BCN DC Power Supply Spare
AG0011007	BLN/BCN Air Flow Link Module Spare
AG0011012	BCN Redundant Line Cord AC Base Unit Spare

<b>PROCESSOR SPARES</b>	
	<b>ARE Spares</b>
AG1304014	ARE 64MB/6MB Spare and Stand Alone BGP Soloist
AG1311011	ARE Spare – 32MB/6MB
	<b>FRE2-060 Spares</b>
74027-16	FRE2-060 Spare 16MB
74027-32	FRE2-060 Spare 32MB
AG0011003	FRE2-060 Spare 64MB
	<b>FRE2-060E with Advance Compression Co-Processor Spares</b>
AG0011023	64M FRE2-060E with Advanced Compression Co-Processor spare for 128 Context
AG0011027	64M FRE2-060E with Advanced Compression Co-Processor spare for 256 Context
	<b>FRE4-PPC Spares</b>
AG0011038	FRE4-PPC Spare 32 MB
AG0011039	FRE4-PPC Spare 64 MB
AG0011040	FRE4-PPC Spare 128 MB
<b>MEMORY UPGRADES</b>	
	<b>ARE Memory Upgrade Kit</b>
AG1311007	ARE 16MB/3MB Memory Upgrade Kit
AG1311008	ARE 32MB/6MB Memory Upgrade Kit
AG1311021	ARE 64MB/6MB Memory Upgrade Kit
	<b>DRAM/Flash Memory</b>
75163	8MB or 16 MB to 32 MB FRE2 Kit
AA0011001	4M Flash Card Spare - Formatted
AA0011002	8M Flash Card Spare - Formatted
AA0011005	16M Flash Card Spare - Formatted
AA0011018	32M Flash Card Spare - Formatted
AG0011004	FRE2 060 Upgrade 16MB to 64MB
AG0011005	FRE2 060 Upgrade 32MB to 64MB
AG0011045	FRE4 Upgrade 32MB to 64MB
AG0011046	FRE4 Upgrade 32MB/64MB to 128MB

### Software Dependencies

Software support on the product will continue per Nortel support policy. BayRS 15.7 will continue to be fully supported for one year after manufacture discontinuation and limited support for four more years after full support ends. BayRS 15.6 and 15.4 will continue to have limited support for five years after manufacture discontinuation.

### Alternative/Replacement Products/Solutions

Although no direct replacement exists at the time of this notice, customers are urged to consider the Secure Router family, including the Secure Router 3120 as well as future Secure Router models as potential replacements. Please note that the Secure Router products are IP WAN routers and do not support legacy multiprotocol features of the Multiprotocol Router BN. The Secure Router family provides superior price/performance with advanced features in the areas of Routing, WAN, VPN, Security, Quality of Service and Network Management.

## Related Product and Sales & Marketing Bulletins (if applicable)

Not applicable.

## Customer Actions

Customers are advised to consider this notification in conducting last time buys or planning a product replacement with the Nortel Secure Router family. For more information, please contact your Nortel Networks account representative. Content herein is not intended to supercede existing customer contractual commitments.

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