Retirement Bulletin

Bulletin Number: **R-2007-0052-Global**
Date: 01 March 2007

Ethernet Switch 450 (formerly BayStack 450) Manufacturing Discontinue effective 1st March 2007

REVISION HISTORY

Date	Revision #	Summary of Changes
February 21, 2007	1.0	This is the original publication

Customer Notification of the decision to manufacture discontinue the Product noted above:

Last Time Order Date:	31 May 2007
Last Ship Date:	31 July 2007
Manufacture Discontinue (MD) Date:	01 March 2007
End of Life (EOL) Date:	31 July 2012
Last Supported Software Release:	4.5.5
Market Regions Affected:	Global (except EMEA)

Introduction

Effective 1st March 2007, the Nortel Ethernet Switch 450 series (formerly BayStack 450) is hereby declared manufacturing discontinued. The last time order date is 31st May 2007, with the last ship date of 31st July 2007. Customers are encouraged to purchase Ethernet Routing Switch 4500 Series switches or the Ethernet Switch 470/470-PWR when a 24-port switching option is required, which offer vastly improved functionality to the ES 450 series switches.

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)

Product Description	Product Engineering Code (PEC)
Ethernet Switch 450-24T	AL2012?14*
Ethernet Switch 450-12T	AL2012?15*
Ethernet Switch 450-12F	AL2012?19*
450-2FX MDA	AL2033002
450-4FX MDA	AL2033003
450-4TX MDA	AL2033004
450-1SX MDA	AL2033005
450-1SR Linksafe MDA	AL2033006
450-1LX MDA	AL2033007
450-1LR Linksafe MDA	AL2033008
450-1GBIC GBIC MDA	AL2033009
Ethernet Switch 450-12T, 450-24T Rack Mount Replacement Kit	AL2011006

*Note: * The seventh character (?) of the switch order number must be replaced with the proper code to indicate desired product nationalization.*

Software Dependencies

Ethernet Switch Software v4.5.5 (29 March 2006) will be the last major software version supported on the Ethernet Switch 450 series products.

Alternative/Replacement Products

Product Description	Product Engineering Code (PEC)	Replacement Product Description (Recommendation in order)	Replacement Product Engineering Code (PEC)
ES450-24T	*AL2012?14**	*Ethernet Routing Switch 4550T* *Ethernet Routing Switch 4550T-PWR* *Ethernet Switch 470-24T* *Ethernet Switch 470-24T-PWR*	*AL4500?02-E6** *AL4500?12-E6** *AL2012?37-E5** *AL2012?53-E5**
ES450-12T	*AL2012?15**	*Ethernet Routing Switch 4550T* *Ethernet Routing Switch 4550T-PWR* *Ethernet Switch 470-24T* *Ethernet Switch 470-24T-PWR*	*AL4500?02-E6** *AL4500?12-E6** *AL2012?37-E5** *AL2012?53-E5**
ES450-12F	*AL2012?19**	*Ethernet Routing Switch 4526FX*	*AL4500?01-E6**
450-2FX MDA	*AL2033002*	*100BaseFX SFP*	*AA1419074-E6*
450-4FX MDA	*AL2033003*	*100BaseFX SFP*	*AA1419074-E6*
450-4TX MDA	*AL2033004*	*N/A*	*N/A*
450-1SX MDA	*AL2033005*	*1000BaseSX SFP (LC or MTRJ conn)*	*AA1419013-E5, or AA1419014-E5*
450-1SR Linksafe MDA	*AL2033006*	*None*	*N/A*
450-1LX MDA	*AL2033007*	*1000BaseLX SFP*	*AA1419015-E5*
450-1LR Linksafe MDA	*AL2033008*	*None*	*N/A*
450-1GBIC GBIC MDA	*AL2033009*	*N/A*	*N/A*

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Related Product and Sales & Marketing Bulletins (if applicable)
None.

Customer Actions
Customers are encouraged to purchase Ethernet Routing Switch 4500 series switching products which offer increased port density and software functionality at a cheaper price than the 450 series.

The incremental benefits are: Ethernet Routing Switch 4500 includes high-performance built-in stacking ports, two built-in SFP GBIC ports for uplinks plus support of 100BaseFX SFPs in a compact 1 RU design and are more cost-effective per port than the 450 series. There is also a 24 port 100BaseFX (MTRJ) switching model for environments where fiber to the desktop may be required. The ERS 4500 family address wiring closet requirements for both 10/100 and 10/100/1000 speeds to the desktop providing maximum flexibility in one product family.

The ERS 4500 series of products also contains a comprehensive list of software features addressing Security, Convergence and Quality of Service functions critical for today's Enterprises.

Nortel also offers another replacement option with convergence-ready Ethernet Switch 470-24T-PWR or 470-48T-PWR as these switches offer desktop connectivity and IEEE 802.3af compliant Power over Ethernet (PoE) on all ports. Other incremental benefits are: Ethernet Switch 470-PWR includes built-in stacking ports, two built-in GBIC ports for uplinks and compact 1 RU design.

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