

Brocade Fabric Aware Compatibility Matrix



Table of Contents

About the Matrix.....	5
SilkWorm Models.....	7
Brocade Supported Product Summary.....	8
Fabric Aware Compatibility Matrix	
HBA	
ATTO.....	41
Emulex.....	42
JNI.....	44
LSI Logic.....	45
QLogic.....	46
Storage	
ATTO.....	48
Apple.....	48
Chaparral.....	50
Dot Hill.....	51
Eurologic.....	52
Fujitsu-Siemens.....	53
HP.....	54
Hitachi Data Systems.....	55
IBM.....	56
Imperial Technology.....	57
LSI Logic.....	58
MTI.....	59
Network Appliance.....	60
Silicon Gear.....	61
Xiotech.....	62
Xyratex.....	63
Tape	
ADIC.....	65
ATTO.....	66
Chaparral.....	67
CrossRoads.....	68
Quantum.....	69
Spectra Logic.....	70
StorageTek.....	70

Transceivers	
Agilent	73
Finisar	74
IBM	75
Operating System	
HP	77
IBM	78
Microsoft	78
RedHat	79
SGI	81
Sun	82
SusE	82
Fabric Management Applications	
Computer Associates	85
CreekPath	86
EMC	87
HP	88
Hitachi	89
IBM	90
InterSAN	91
Invio	92
Sun	93
VERITAS	94
SAN Appliance	
Decru	95
Finisar	97
MTI	98
Mirapoint	99
NeoScale	100
ONStor	100
Pirus	102
WinCom	103
Networked Solutions (including MAN/WAN)	
ADVA Optical Networking	105
Akara	106
Alcatel	107
CIENA Corporation	108
CNT	108

Cisco	110
Finisar	111
Last Mile AG	112
LightSand Communications	113
LuxN Inc	114
Nortel Networks	115
PacketLight Networks	116
SAN Valley Systems	117
Sorrento	118
SAN Applications	
CommVault	120
Computer Associates	121
FalconStor	122
HP	123
IBM	124
Legato	125
VERITAS	125

SILKWORM® SWITCH COMPATIBILITY MATRIX

This document details equipment that is compatible with the SilkWorm Family of switches. Equipment tested at Brocade and tested by our OEM and developer partners is reflected in these lists.

Brocade and our OEM and development partners have tested a wide variety of devices for compatibility with the Brocade SilkWorm family of switches (for the current list of Brocade products please visit <http://www.brocade.com/products/index.jsp>). Based on this testing and existing customer installations, the following Support and Compatibility guidelines have been generated for reference. The devices listed in this matrix are deemed compatible with Brocade products and supportable in a Brocade infrastructure. Brocade cannot provide support for these end nodes or applications but is committed to ensuring the Brocade infrastructure is operating correctly while integrating with these components. The components that are listed in this documents are not guaranteed to work in all configurations but Brocade is committed to help customers with a valid Brocade Support Contract to resolve any interoperability issues. For purposes of this document, compatibility is defined as having the ability to connect to the SilkWorm switch, register with the name server (if appropriate), and support a moderate level of I/O. Users of this list should plan on validating their specific configuration with a level of testing appropriate to their application.






This document provides two areas for compatibility guidelines. The section titled “Brocade Product Support Summary” provides an overview of devices that are compatible with a Brocade infrastructure. The Brocade SilkWorm switch families have received the most rigorous testing in the industry. No other switch vendor has as large an install base, or as many customer installations that rely on our infrastructure on a daily basis. The section “Brocade Product Support Summary” provides guidance on products that are known to be able to integrate with a Brocade infrastructure. To ensure proper integration, users should refer configuration details to their OEM or integrator supporting these devices. Brocade expects that the solution provider should be able to provide specific guidelines on what firmware, driver, and configuration settings are required to ensure any specific needs are met. The section titled “Fabric Aware Interoperability Matrix” provides interoperability data on products that have been tested in our Fabric Aware Partner qualification program. This program provides a key set of guidelines to ensure that our partner’s products meet the minimum requirements for interoperability in a networked storage environment. This section is intended to provide additional assurance that standard off-the-shelf components can integrate seamlessly into a Brocade infrastructure. This is intended as a reference only. By the date of publication of this document many vendors may offer more recent software support for their products. Users of this document should refer questions on end-to-end interoperability to their OEM or integration partner. Your integration partner should be able to assist with the proper configuration and tuning of your end-to-end solution to meet any specific business needs. The products listed in these two sections are considered supportable in a Brocade infrastructure.

In addition to the products tested by Brocade all of our OEM and Development Partners have extensive testing programs. Each of these partners maintains its own interoperability or support guidelines and can provide detailed information on the configurations they support. Your OEM or integration partner should be the first reference for support questions on fabric configuration, firmware or Fabric OS selection, and any settings for end-to-end solution deployment.

Brocade avoids the use of the term “certification” when it comes to interoperability testing. Brocade expects suppliers of complete solutions (OEM or integration partner) to provide details on configurations they have certified. This list provides the basis for integrators to assemble working systems that they can support and certify. However, Brocade cannot certify that any components on this list, when attached to any other component via our switch, will operate with no issues. Brocade will actively test and correct any issues with our switch and work with partners to help resolve compatibility issues as they are reported.

Brocade Product Support

SilkWorm Models

	SILKWORM 3250	SILKWORM 3850	SILKWORM 3800	SILKWORM 3900	SILKWORM 12000 DIRECTOR
					
Port Count	8	8	16	32	32, 64, or 128
Rack Units	1U	1U	1U	1.5U	14U
Product Options	VL2: 2 Switches Full Fabric	VL2: 2 Switches VL4: 4 Switches Full Fabric	VL2: 2 Switches VL4: 4 Switches Full Fabric	Full Fabric	
Hardware Features	<ul style="list-style-type: none"> • Single fixed power supply • Fixed redundant fans • Table top or rack-mount kit 	<ul style="list-style-type: none"> • Dual fixed power supplies • Fixed redundant fans • Table top or rack-mount kit • Hot-swappable, redundant fans 	<ul style="list-style-type: none"> • Dual hot swap power and cooling • Table top or rack-mount kit 	<ul style="list-style-type: none"> • Dual hot-swap power and cooling • Table top or rack-mount kit 	<ul style="list-style-type: none"> • Four power supplies • Rack-mount kit • (4) dual fans (3) hot-swappable • Fully configured with SWL SFPs
Media Types Hot-pluggable, Small Form-Factor Pluggable (SFP)	Short-Wavelength Laser (SWL) Long-Wavelength Laser (LWL)	Short-Wavelength Laser (SWL) Long-Wavelength Laser (LWL)	Short-Wavelength Laser (SWL) Long-Wavelength Laser (LWL) Extended Long-Wavelength (ELWL)	Short-Wavelength Laser (SWL) Long-Wavelength Laser (LWL) Extended Long-Wavelength (ELWL)	
Hot Code Activation	Yes	Yes	No	Yes	Yes
Software Features (Standard)	<ul style="list-style-type: none"> • Fabric OS 4.2 or later • WEB TOOLS • Advanced Zoning 	<ul style="list-style-type: none"> • Fabric OS 4.2 or later • WEB TOOLS • Advanced Zoning 	<ul style="list-style-type: none"> • Fabric OS 3.x • WEB TOOLS • Advanced Zoning • Fabric Watch 	<ul style="list-style-type: none"> • Fabric OS 4.x • WEB TOOLS • Advanced Zoning • Fabric Watch • ISL Trunking 	<ul style="list-style-type: none"> • Fabric OS 4.x • WEB TOOLS • Advanced Zoning • Fabric Watch • ISL Trunking • Performance Monitoring
Target Environment	<ul style="list-style-type: none"> • Initial SAN deployments • Edge devices in large SAN configurations • Small SAN islands • Replacement of outdated hubs and loop switches 	<ul style="list-style-type: none"> • Initial SAN deployments • Small SAN islands • Edge devices in large SAN configurations 	<ul style="list-style-type: none"> • Applications that require hot swap power and cooling • Initial SAN deployments • Small SAN islands • Edge devices in large SAN configurations 	<ul style="list-style-type: none"> • Standalone SAN islands • Storage fan-out • Edge switches to a director core • Core devices in large SAN configurations 	<ul style="list-style-type: none"> • Enterprise • Core director • FICON®

BROCADE ADVANCED FABRIC SERVICES AND SOFTWARE APPLICATIONS

Brocade Advanced Fabric Services and software applications increase the functionality of Brocade switches—making them more manageable, scalable, secure, and extensible:

- **Fabric Manager** is a highly scalable **software application** that manages multiple Brocade fabrics through a single console, enabling rapid SAN provisioning and simplifying management tasks.
- **Secure Fabric OS** provides comprehensive policy-based security for Brocade SANs to help prevent unauthorized or inadvertent access to data in SAN fabrics.
- **WEB TOOLS** simplifies SAN management by enabling administrators to configure, monitor, and manage switches through a Web interface.
- **Advanced Zoning** increases SAN fabric security through hardware-enforced access control, and dynamically arranges devices into logical groups (zones).
- **Fabric Watch** supports real-time health monitoring and provides proactive notification of potential problems.
- **Inter-Switch Link (ISL) Trunking** aggregates ISLs into trunk groups (up to four per group to improve performance, increase availability, and simplify management).
- **Advanced Performance Management** enables end-to-end performance monitoring of SAN traffic, thereby improving performance tuning, optimizing resources, and simplifying capacity planning.
- **QuickLoop** (and QuickLoop Fabric Assist which can be enabled with a QuickLoop and Zoning license on switches running Fabric OS 2.6 and 3.x) enables Fibre Channel private loop hosts in legacy environments to participate in scalable SAN fabrics.
- **Extended Fabrics** enables SAN connectivity over extended distances up to 100 km.
- **Remote Switch** is an optionally licensed software feature that can be used to enable R_RDY flow control automatically when connecting to older WAN gateway devices that require it.

Brocade Supported Product Summary

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported				
				2xxx series	3200,3800	3250,3850	3900,12000	
ATTO	Express PCI 3300	Win 2000	✓	✓	✓	✓	✓	
	ExpressPCI 2600	Win 2000	✓	✓	✓	✓	✓	
Emulex	LP10000DC	Win Server 2003		✓	✓	✓	✓	
		Win 2000	✓	✓	✓	✓	✓	
		WinNT 4.0		✓	✓	✓	✓	
		Solaris 2.6		✓	✓	✓	✓	
		Solaris 7		✓	✓	✓	✓	
		Solaris 8	✓	✓	✓	✓	✓	
		Solaris 9		✓	✓	✓	✓	
		Linux Red Hat 9.0		✓	✓	✓	✓	
		Linux2.4.20-8	✓	✓	✓	✓	✓	
	LP1050	Win Server 2003			✓	✓	✓	✓
		Win 2000			✓	✓	✓	✓
		Win NT 4.0			✓	✓	✓	✓
		Linux Red Hat 9.0			✓	✓	✓	✓
	LP9802	Win Server 2003			✓	✓	✓	✓
		Win 2000	✓		✓	✓	✓	✓
		Solaris 8	✓		✓	✓	✓	✓
		Solaris 2.6			✓	✓	✓	✓
		Solaris 7			✓	✓	✓	✓
		Solaris 9			✓	✓	✓	✓
		Linux Red Hat 9.0			✓	✓	✓	✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
Emulex	LP982	Win Server 2003		✓	✓	✓	✓
		Win 2000	✓	✓	✓	✓	✓
		Win NT 4.0	✓	✓	✓	✓	✓
		Linux 2.4.18-3	✓	✓	✓	✓	✓
		Linux Red Hat 2.1 AS	✓	✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
	LP9402DC	Win Server 2003		✓	✓	✓	✓
		Win 2000	✓	✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8		✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
	AIX 4.3.3		✓	✓	✓	✓	
	LP9002DC	Win Server 2003		✓	✓	✓	✓
		Win 2000		✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
Solaris 9			✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported				
				2xxx series	3200,3800	3250,3850	3900,12000	
Emulex	LP9002DC	Linux Red Hat 9.0		✓	✓	✓	✓	
		AIX 4.3.3		✓	✓	✓	✓	
		HP-UX 11.0		✓	✓	✓	✓	
	LP9002L	Win Server 2003			✓	✓	✓	✓
		Win 2000	✓		✓	✓	✓	✓
		Win NT 4.0	✓		✓	✓	✓	✓
		Solaris 2.6			✓	✓	✓	✓
		Solaris 7			✓	✓	✓	✓
		Solaris 8	✓		✓	✓	✓	✓
		Solaris 9			✓	✓	✓	✓
		Linux SusE 7.0	✓		✓	✓	✓	✓
		Linux Red Hat 9.0			✓	✓	✓	✓
		AIX 4.3.3	✓		✓	✓	✓	✓
		HP-UX 11.0			✓	✓	✓	✓
		LP952	Win Server 2003			✓	✓	✓
	Win 2000		✓		✓	✓	✓	✓
	Win NT 4.0		✓		✓	✓	✓	✓
	Linux Red Hat 9.0				✓	✓	✓	✓
	LP9000	Win Server 2003			✓	✓	✓	✓
		Win 2000			✓	✓	✓	✓
		Win NT 4.0	✓		✓	✓	✓	✓
		Solaris 2.6			✓	✓	✓	✓
		Solaris 7			✓	✓	✓	✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
Emulex	LP9000	Solaris 8	✓	✓	✓	✓	✓
		Solaris 9	✓	✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
	LP8000	Win Server 2003		✓	✓	✓	✓
		Win 2000	✓	✓	✓	✓	✓
		Win NT 4.0	✓	✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9	✓	✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
		AIX 4.3.3	✓	✓	✓	✓	✓
		HP-UX 11.0	✓	✓	✓	✓	✓
	LP850	Win Server 2003		✓	✓	✓	✓
		Win 2000		✓	✓	✓	✓
		Win NT 4.0	✓	✓	✓	✓	
		Linux Red Hat 9.0		✓	✓	✓	✓
	LP9002S	Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
	LP8000S	Solaris 2.6		✓	✓	✓	✓
		Solaris 7	✓	✓	✓	✓	✓
Solaris 8			✓	✓	✓	✓	
Solaris 9			✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
HP	FCA2404	Win Server 2003		✓	✓	✓	✓
		Win 2000		✓	✓	✓	✓
	FCA2402DC	Win Server 2003		✓	✓	✓	✓
		Win 2000		✓	✓	✓	✓
	Adaptec 9210	Win 2000		✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	✓
	Agilent 5158A	HP-UX 11.0		✓	✓	✓	✓
	Agilent 6685A	HP-UX 11.0		✓	✓	✓	✓
	Agilent 6795A	HP-UX 11.0		✓	✓	✓	✓
	Agilent 8602A	Win 2000		✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	✓
	Agilent D8602B	Win 2000		✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	✓
	Cambex	AIX 4.3.3		✓	✓	✓	✓
		AIX 5.1		✓	✓	✓	✓
	Emulex LP8000	Open VMS 7.3		✓	✓	✓	✓
		TRU 64 5.1a		✓	✓	✓	✓
	Emulex LP9002L	TRU 64 5.1a		✓	✓	✓	✓
	Emulex LP9220	Open VMS7.3		✓	✓	✓	✓
	Qlogic QLA2200	IRIX 6.5.9		✓	✓	✓	✓
Linux Red Hat 7.2			✓	✓	✓	✓	
Linux SusE 7.0			✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
IBM	HP Agilent A3404A	HP-UX 11.0		✓	✓		✓
	HP Agilent A3591B	HP-UX 11.0		✓	✓		✓
	HP Agilent A5158A	HP-UX 11.0		✓	✓		✓
	HP Agilent A6684A	HP-UX 11.0		✓	✓		✓
		HP-UX 11.0		✓	✓		✓
	HP Agilent A6795A	HP-UX11.1		✓	✓		✓
	Emulex LP7000E	AIX4.3.3		✓	✓		✓
		Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
	Emulex LP8000	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓
		Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
		Win Server 2003		✓	✓		✓
	Emulex LP9002L	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
		Win Server 2003		✓	✓		✓
	Emulex LP9002DC	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
		Win Server 2003		✓	✓		✓
	Emulex LP9402DC	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
		Win Server 2003		✓	✓		✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
IBM	Emulex LP9802	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
		Win Server 2003		✓	✓		✓
	2766(Disk)	OS/400V5R2		✓	✓		✓
	2765(Tape)	OS/400V5R2		✓	✓		✓
	2787(Disk)	OS/400V5R2		✓	✓		✓
	5704(Tape)	OS/400V5R2		✓	✓		✓
	FC 6227	AIX4.3.3		✓	✓		✓
		AIX5.1		✓	✓		✓
		AIX5.2		✓	✓		✓
	FC 6228	AIX4.3.3		✓	✓		✓
		AIX5.1		✓	✓		✓
		AIX5.2		✓	✓		✓
		AIXP-Linux		✓	✓		✓
	FC 6239	AIX5.1		✓	✓		✓
		AIX5.2		✓	✓		✓
	IOC-0210-54	IBM Dynix 4.4.7		✓	✓		✓
		IBM Dynix 4.4.8		✓	✓		✓
		IBM Dynix 4.4.9		✓	✓		✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
IBM	IOC-0210-54	IBM Dynix 4.4.10		✓	✓		✓
		IBM Dynix 4.5.1		✓	✓		✓
		IBM Dynix 4.5.2		✓	✓		✓
		IBM Dynix 4.5.3		✓	✓		✓
		IBM Dynix 4.6.1		✓	✓		✓
	JNI FCE-6410	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓
	JNI FCE-6460	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓
	JNI FCE-6412	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓
	JNI FCI-1063-N	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓
	JNI FCX-6562	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
IBM	JNI FCX2-6562	Solaris 2.6		✓	✓		✓
		Solaris 7		✓	✓		✓
		Solaris 8		✓	✓		✓
		Solaris 9		✓	✓		✓
	Qlogic QLA 2100F	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
	Qlogic QLA 2200F	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
	Qlogic QLA 2300	LinuxRH 7.1		✓	✓		✓
		LinuxRH 7.2		✓	✓		✓
		LinuxRH 7.3		✓	✓		✓
		LinuxRH AS 2.1		✓	✓		✓
	Qlogic QLA 2300F	Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
	Qlogic QLA 2310F	LinuxRH 7.2		✓	✓		✓
		LinuxRH AS 2.1		✓	✓		✓
		Win 2000		✓	✓		✓
		Win NT 4.0		✓	✓		✓
	Qlogic QLA 2340L	LinuxRH 7.2		✓	✓		✓
		LinuxRH 7.3		✓	✓		✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported				
				2xxx series	3200,3800	3250,3850	3900,12000	
IBM	Qlogic QLA 2340L	LinuxRH AS 2.1		✓	✓		✓	
		Win 2000		✓	✓		✓	
		Win NT 4.0		✓	✓		✓	
		Win Server 2003		✓	✓		✓	
	Qlogic QLA 2342L	LinuxRH 7.2		✓	✓		✓	
		LinuxRH 7.3		✓	✓		✓	
		LinuxRH AS 2.1		✓	✓		✓	
		Win 2000		✓	✓		✓	
		Win NT 4.0		✓	✓		✓	
		Win Server 2003		✓	✓		✓	
	JNI	Z210	Win Server 2003	✓	✓	✓	✓	✓
			Win 2000	✓	✓	✓	✓	✓
Z220		Win Server 2003	✓	✓	✓	✓	✓	
		Win 2000	✓	✓	✓	✓	✓	
FCX-6562		Win Server 2003		✓	✓	✓	✓	
		Win 2000	✓	✓	✓	✓	✓	
		Win NT 4.0		✓	✓	✓	✓	
		Solaris 2.6		✓	✓	✓	✓	
		Solaris 7		✓	✓	✓	✓	
		Solaris 8	✓	✓	✓	✓	✓	
		Solaris 9		✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
JNI	FCX-6562	Linux Red Hat 7.2		✓	✓	✓	✓
		Linux Red Hat 7.3		✓	✓	✓	✓
	FCX2-6562	Win Server 2003		✓	✓	✓	✓
		Win 2000		✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
		Linux Red Hat 7.2		✓	✓	✓	✓
		Linux Red Hat 7.3		✓	✓	✓	✓
		FCE2-6560	Solaris 2.6		✓	✓	✓
	Solaris 7			✓	✓	✓	✓
	Solaris 8		✓	✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
	FCE-6460	Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
	FCE-6410	Win 2000		✓	✓	✓	✓
		Win NT 4.0	✓	✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8		✓	✓	✓	✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
JNI	FCE-6410	Solaris 9		✓	✓	✓	✓
		Linux Red Hat 7.2		✓	✓	✓	✓
		Linux Red Hat 7.3		✓	✓	✓	✓
	FCE-1473	Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
	FCE2-1473	Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
	FCE-1063	Solaris 2.5.1	✓	✓	✓	✓	✓
		Solaris 2.6	✓	✓	✓	✓	✓
		Solaris 2.7	✓	✓	✓	✓	✓
		Solaris 7	✓	✓	✓	✓	✓
		Solaris 8		✓	✓	✓	✓
		Solaris 9	✓	✓	✓	✓	✓
	FC64-1063	Solaris 2.6		✓	✓	✓	✓
		Solaris 2.7	✓	✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8		✓	✓	✓	✓
Solaris 9		✓	✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
LSI Logic	LSI7102XP-LC	Win Server 2003	✓	✓	✓	✓	✓
		Win 2000	✓	✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
		Linux2.4.18-4	✓	✓	✓	✓	✓
		Linux Red Hat 7.0		✓	✓	✓	✓
		Linux Red Hat 7.1		✓	✓	✓	✓
		Linux Red Hat 7.2		✓	✓	✓	✓
		Linux Red Hat 7.3	✓	✓	✓	✓	✓
		LSI7202XP-LC	Win Server 2003	✓	✓	✓	✓
	Win 2000		✓	✓	✓	✓	✓
	Win NT 4.0		✓	✓	✓	✓	✓
	Solaris 2.6			✓	✓	✓	✓
	Solaris 7			✓	✓	✓	✓
	Solaris 8		✓	✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
	Linux Red Hat 7.0			✓	✓	✓	✓
	Linux Red Hat 7.1			✓	✓	✓	✓
	Linux Red Hat 7.2			✓	✓	✓	✓
	Linux Red Hat 7.3		✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported				
				2xxx series	3200,3800	3250,3850	3900,12000	
LSI Logic	ITI7004G2-LC	Win Server 2003		✓	✓	✓	✓	
		Win 2000	✓	✓	✓	✓	✓	
		Win NT 4.0	✓	✓	✓	✓	✓	
		Solaris 2.6		✓	✓	✓	✓	
		Solaris 7		✓	✓	✓	✓	
		Solaris 8	✓	✓	✓	✓	✓	
		Solaris 9		✓	✓	✓	✓	
		Linux Red Hat 7.0		✓	✓	✓	✓	
		Linux Red Hat 7.1		✓	✓	✓	✓	
		Linux Red Hat 7.2		✓	✓	✓	✓	
		Linux Red Hat 7.3		✓	✓	✓	✓	
		LSI449290	Win Server 2003			✓	✓	✓
	Win 2000		✓		✓	✓	✓	✓
	Win NT 4.0		✓		✓	✓	✓	✓
	Solaris 2.6				✓	✓	✓	✓
	Solaris 7				✓	✓	✓	✓
	Solaris 8		✓		✓	✓	✓	✓
	Solaris 9				✓	✓	✓	✓
	Linux Red Hat 7.0				✓	✓	✓	✓
	Linux Red Hat 7.1				✓	✓	✓	✓
	Linux Red Hat 7.2				✓	✓	✓	✓
	Linux Red Hat 7.3				✓	✓	✓	✓

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported				
				2xxx series	3200,3800	3250,3850	3900,12000	
Qlogic	QLA 2342L	Win Server 2003		✓	✓	✓	✓	
		Win 2000	✓	✓	✓	✓	✓	
		Win NT 4.0	✓	✓	✓	✓	✓	
		Solaris 2.6		✓	✓	✓	✓	
		Solaris 7		✓	✓	✓	✓	
		Solaris 8	✓	✓	✓	✓	✓	
		Solaris 9		✓	✓	✓	✓	
		Linux Red Hat 7.2		✓	✓	✓	✓	
		Linux Red Hat 7.3		✓	✓	✓	✓	
		Linux Red Hat 8.0		✓	✓	✓	✓	
		Linux Red Hat 9.0		✓	✓	✓	✓	
		QLA 2340	Win Server 2003			✓	✓	✓
	Win 2000		✓		✓	✓	✓	✓
	Win NT 4.0				✓	✓	✓	✓
	Solaris 2.6				✓	✓	✓	✓
	Solaris 7				✓	✓	✓	✓
	Solaris 8		✓		✓	✓	✓	✓
	Solaris 9				✓	✓	✓	✓
	Linux Red Hat 7.2				✓	✓	✓	✓
	Linux Red Hat 7.3				✓	✓	✓	✓
	Linux Red Hat 8.0				✓	✓	✓	✓
	Linux Red Hat 9.0			✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
Qlogic	QLA 2310	Win Server 2003		✓	✓	✓	✓
		Win 2000	✓	✓	✓	✓	✓
		Win NT 4.0		✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8		✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
		Linux Red Hat 7.2		✓	✓	✓	✓
		Linux Red Hat 7.3		✓	✓	✓	✓
		Linux Red Hat 8.0		✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
		IRIX6.5 IP35	✓	✓	✓	✓	✓
		QLA 2300	Win 2000	✓	✓	✓	✓
	Win NT 4.0		✓	✓	✓	✓	✓
	Solaris 2.6			✓	✓	✓	✓
	Solaris 7			✓	✓	✓	✓
	Solaris 8		✓	✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
	Linux Red Hat 7.2			✓	✓	✓	✓
	Linux Red Hat 7.3		✓	✓	✓	✓	

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
Qlogic	QLA 2300	Linux Red Hat 8.0		✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
	QLA 2200	Win Server 2003		✓	✓	✓	✓
		Win 2000	✓	✓	✓	✓	✓
		Win NT 4.0	✓	✓	✓	✓	✓
		Solaris 2.6		✓	✓	✓	✓
		Solaris 7		✓	✓	✓	✓
		Solaris 8	✓	✓	✓	✓	✓
		Solaris 9		✓	✓	✓	✓
		Linux Red Hat 7.2		✓	✓	✓	✓
		Linux Red Hat 7.3		✓	✓	✓	✓
		Linux Red Hat 8.0		✓	✓	✓	✓
		Linux Red Hat 9.0		✓	✓	✓	✓
		Sun	X6727A	Solaris 8		✓	✓
Solaris 9				✓	✓	✓	✓
X6748A	Solaris 8			✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
X6757A	Solaris 8			✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
X6767A	Solaris 8			✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
X6768A	Solaris 8			✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓
X6799A	Solaris 8			✓	✓	✓	✓
	Solaris 9			✓	✓	✓	✓

STORAGE

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
ATTO	Diamond Storage Array	✓	✓	✓	✓	✓
Apple	XRAID	✓	✓	✓	✓	✓
Chaparral	Javelin RAID controller	✓	✓	✓	✓	✓
Dot Hill	SANnet 7100	✓	✓	✓	✓	✓
EMC	8000 Series		✓	✓		✓
	DMX Series		✓	✓		✓
	FC 4700 Series		✓	✓		✓
	CX Series		✓	✓		✓
Eurologic	SANbloc FC2502	✓	✓	✓	✓	✓
Fujitsu-Siemens	FibreCAT S80	✓	✓	✓	✓	✓

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
HP	StorageWorks XP 1024	✓	✓	✓	✓	✓
	StorageWorks XP 128	✓	✓	✓	✓	✓
	CSS2195		✓	✓	✓	✓
	Enterprise Virtual Array		✓	✓	✓	✓
	FC10		✓	✓	✓	✓
	FC60		✓	✓	✓	✓
	VA7100		✓	✓	✓	✓
	VA7400		✓	✓	✓	✓
	XP256		✓	✓	✓	✓
	XP512		✓	✓	✓	✓
	HSG60(RA6000)		✓	✓	✓	✓
	HSG80		✓	✓	✓	✓
	HSV110		✓	✓	✓	✓
	MSA1000		✓	✓	✓	✓
	RA4000		✓	✓	✓	✓
RA4100		✓	✓	✓	✓	
Hitachi Data Systems	Thunder 9200		✓	✓		✓
	Thunder 9500V		✓	✓		✓
	Lightning 9900		✓	✓		✓
	Lightning 9900V		✓	✓		✓
	Lightning 9910	✓	✓	✓		✓
	Lightning 9960		✓	✓		✓
	Lightning 9970V	✓	✓	✓		✓

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
IBM	TotalStorage FAStT Storage Server FAStT 200		✓	✓		✓
	TotalStorage FAStT Storage Server FAStT 500		✓	✓		✓
	TotalStorage FAStT Storage Server FAStT 600		✓	✓		✓
	TotalStorage FAStT Storage Server FAStT 700		✓	✓		✓
	TotalStorage FAStT Storage Server FAStT 900		✓	✓		✓
	TotalStorage Enterprise Storage Server 2105-800		✓	✓		✓
	TotalStorage Enterprise Storage Server 2105-F20		✓	✓		✓
LSI Logic	E2400	✓	✓	✓	✓	✓
	E2600	✓	✓	✓	✓	✓
	Meta Stor E4400	✓	✓	✓	✓	✓
	E4600	✓	✓	✓	✓	✓
	E5600	✓	✓	✓	✓	✓
MTI	Vivant V400	✓	✓	✓		✓
	Vivant S200	✓	✓	✓		✓
	Vivant V30	✓	✓	✓		✓
NEC	iStorage		✓	✓	✓	✓
Network Appliance	F825	✓	✓	✓	✓	✓
	F880	✓	✓	✓	✓	✓
	F740	✓	✓	✓	✓	✓
StorageTek	D280		✓	✓		✓
	D240		✓	✓		✓
	D220		✓	✓		✓
	D178		✓	✓		✓
	D173		✓	✓		✓
	BladeStore		✓	✓		✓
	V2X Shared Virtual Array		✓	✓		✓

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
Sun	A5200		✓	✓	✓	✓
	T3		✓	✓	✓	✓
	T3B		✓	✓	✓	✓
	39x0		✓	✓	✓	✓
	69x0		✓	✓	✓	✓
	99x0		✓	✓	✓	✓
	FC 3510FC		✓	✓	✓	✓
XIOtech	Magnitude	✓	✓	✓		✓
	Magnitude 3D	✓	✓	✓		✓
Xyratex	SS-1201-FC	✓	✓	✓	✓	✓
	SS-1202-FC	✓	✓	✓	✓	✓

TAPE

Vendor	Product	Type	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
ADIC	Scalar 100	Library	✓	✓	✓	✓	✓
	Scalar 1000		✓	✓	✓	✓	✓
	Scalar 10000		✓	✓	✓	✓	✓
	i2000		✓	✓	✓	✓	✓
	Pathlight VX		✓	✓	✓	✓	✓
ATTO	FibreBridge 2300E/R/D	Bridge	✓	✓	✓	✓	✓
	FibreBridge 4500R/D		✓	✓	✓	✓	✓
Chaparral	Velocity Router VFS113	Bridge	✓	✓	✓	✓	✓
	Velocity Router VFS226		✓	✓	✓	✓	✓
CrossRoads	4450 Storage Router	Bridge	✓	✓	✓	✓	✓
	4150 Storage Router		✓	✓	✓	✓	✓
	4250 Storage Router		✓	✓	✓	✓	✓
	8000 Storage Router		✓	✓	✓	✓	✓
HP	HP 10/180	Tape Drive		✓	✓	✓	✓
	HP 20/700			✓	✓	✓	✓
	HP 2/20			✓	✓	✓	✓
	HP 4/40			✓	✓	✓	✓
	HP 6/60			✓	✓	✓	✓
	HP 6/140			✓	✓	✓	✓
IBM	TotalStorage Enterprise Tape System 3590E	Tape Drive	✓	✓	✓		✓
	TotalStorage Enterprise Tape System 3590H		✓	✓	✓		✓
	TotalStorage Enterprise Tape System 3590J		✓	✓	✓		✓
	TotalStorage Ultrium Tape Library 3582	Library	✓	✓	✓		✓

Vendor	Product	Type	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
IBM	TotalStorage Ultrium Scalable Tape Library 3583	Library	✓	✓	✓		✓
	TotalStorage UltraScalable Tape Library 3584		✓	✓	✓		✓
Quantum	Super DLT1	Tape Drive	✓	✓	✓	✓	✓
	P2000	Library	✓	✓	✓	✓	✓
	P3000		✓	✓	✓	✓	✓
Spectra Logic	Spectra 12000	Library	✓	✓	✓	✓	✓
	Spectra 64000		✓	✓	✓	✓	✓
StorageTek	T9840A	Tape Drive	✓	✓	✓		✓
	T9840B		✓	✓	✓		✓
	T9840C		✓	✓	✓		✓
	T9940A		✓	✓	✓		✓
	T9940B		✓	✓	✓		✓
	SN6000	Virtualizer		✓	✓		✓
	3250	Bridge		✓	✓		✓
	3300		✓	✓		✓	
	3400		✓	✓		✓	
	L20	Library		✓	✓		✓
	L40						
	L80			✓	✓		✓
	L180		✓	✓	✓		✓
	L700e		✓	✓	✓		✓
	PowderHorn			✓	✓		✓
	L5500			✓	✓		✓

TRANSCEIVERS

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200, 3800	3250, 3850	3900, 12000
Agilent	HFBR-5720L	✓		✓		✓
Finisar	FTR-1319-3-2.5	✓	✓			
	FTR-1519-3-2.5	✓	✓			
	FTR-8519-3-2.5	✓	✓			
	FTRJ-8519-P1BCL			✓	✓	✓
	FTRJ-1319-P1BCL			✓	✓	✓
	FTRJ-1419-P1BCL	✓		✓		✓
	FTRJ-8519-7D-2.5	✓		✓		✓
	FTRJ-8519-7N-2.5	✓		✓		✓
	FWDM-1621-7D	✓		✓		✓
Foxconn	HP27542-FC2			✓	✓	✓
IBM	1063 Mbps	✓	✓			
	IBM42P21SNYAA10	✓		✓		✓
	FTR-8SOC-1063N-LW	✓	✓			
Infineon	V23848-M305-C56			✓	✓	✓
	V23848-M15-C56			✓	✓	✓

Operating System

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
AIX	AIX 4.3.3	✓	✓	✓	✓	✓
	AIX 5.1	✓	✓	✓	✓	✓
HP	HP-UX 11.0	✓	✓	✓	✓	✓
Microsoft	Windows 2000	✓	✓	✓	✓	✓
	Windows NT 4.0	✓	✓	✓	✓	✓
	Windows Server 2003	✓	✓	✓	✓	✓
Novell	Netware 6.5	✓	✓	✓	✓	✓
RedHat	Linux 7.0	✓	✓	✓	✓	✓
	Linux 7.1	✓	✓	✓	✓	✓
	Linux 7.2	✓	✓	✓	✓	✓
	Linux 7.3	✓	✓	✓	✓	✓
	Linux AS 2.1	✓	✓	✓	✓	✓
SGI	IRIX 6.5 IP35	✓	✓	✓	✓	✓
Sun	Solaris 2.6	✓	✓	✓	✓	✓
	Solaris 7	✓	✓	✓	✓	✓
	Solaris 8	✓	✓	✓	✓	✓
	Solaris 9	✓	✓	✓	✓	✓
SusE	Linux 7.0	✓	✓	✓	✓	✓

FABRIC MANAGEMENT APPLICATIONS

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported			
				2xxx series	3200,3800	3250,3850	3900,12000
ApplQ	Storage Authority Suite 3.1	Win 2000		✓	✓		✓
Computer Associates	BrightStor SAN Designer 1.0	Win 2000	✓	✓	✓		✓
		Win NT 4.0	✓	✓	✓		✓
		Solaris 8	✓	✓	✓		✓
CreekPath	AIM Suite 2.5.2	Win 2000	✓	✓	✓		✓
		Solaris 8	✓	✓	✓		✓
EMC	Control Center 5.1.1	Win 2000	✓	✓	✓		✓
HP	OpenView Storage Area Manager 2.2	Win 2000	✓	✓	✓		✓
		Win NT 4.0	✓	✓	✓		✓
	SANLink	Win 2000		✓	✓		✓
	Storage Apps sv3000	Win 2000		✓	✓		✓
Hitachi	HiCommand Tuning Manager 3.0	Win 2000	✓	✓	✓		✓
IBM	Tivoli Storage Area Network Manager 1.1	Win 2000	✓	✓	✓		✓
		Win NT 4.0	✓	✓	✓		✓
InterSAN	PathLine 1.5	Win 2000	✓	✓	✓		✓
		Solaris 8	✓	✓	✓		✓
Invio	Storage Practice Manager 1.0.100	Win 2000	✓	✓	✓		✓
Sun	StorEdge Enterprise Storage Manager 1.0	Solaris 8	✓	✓	✓		✓
Veritas	SANPoint Control 3.5	Win 2000	✓	✓	✓		✓
		Solaris 8	✓	✓	✓		✓

SAN APPLIANCE

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
Mirapoint	Message Server M2500S	✓	✓	✓	✓	✓
NeoScale	Cryptostor FC 1002	✓	✓	✓	✓	✓
	Cryptostor Tape Appliance	✓	✓	✓	✓	✓
ONStor	SF4400 SAN Filer	✓	✓	✓	✓	✓
Finisar	NetWisdom Fibre Channel Probe	✓	✓	✓	✓	✓
	Xgig Fibre Channel Analyzer	✓	✓	✓	✓	✓
Decru	DataFort FC520	✓	✓	✓	✓	✓

Networked Solutions(including MANWAN)

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
ADVA Optical Networking	FSP 2000	✓	✓	✓	✓	✓
	FSP-II	✓	✓	✓	✓	✓
Alcatel	1696 Metro Span	✓	✓	✓	✓	✓
Ciena Corporation	ONLINE Edge 2500(ADM card)	✓	✓	✓	✓	✓
	ONLINE Edge 2500(Rate-tunable card)	✓	✓	✓	✓	✓
	CN 2000	✓	✓	✓	✓	✓
	MultiWave Metro		✓	✓	✓	✓
	ONLINE Metro		✓	✓	✓	✓
CNT	UltraNet Edge Storage Router	✓	✓	✓		✓
	UltraNet Edge Storage Router 3000	✓	✓	✓		✓
Cisco	ONS 15540	✓	✓	✓	✓	✓
	SN 5420	✓	✓	✓	✓	✓
	ONS 15252		✓	✓	✓	✓
	ONS 15454		✓	✓	✓	✓
	ONS 15530		✓	✓	✓	✓
Finisar	OADM-1	✓	✓	✓	✓	✓
	MUX/DEMUX	✓	✓	✓	✓	✓
LightSand Communications	S-600B	✓	✓	✓	✓	✓
	i-8100	✓	✓	✓	✓	✓
LuxN Inc	WS 3217	✓	✓	✓	✓	✓
NEC	MG2000		✓	✓	✓	✓
Nortel Networks	OPTera Metro 5100 OCI circuit pack	✓	✓	✓	✓	✓

Vendor	Product	Fabric Aware	Brocade SilkWorm Families Supported			
			2xxx series	3200,3800	3250,3850	3900,12000
Nortel Networks	OPTera Metro 5200 OCI circuit pack	✓	✓	✓	✓	✓
	OPTera Metro 5200 OTR	✓	✓	✓	✓	✓
	OPTera Metro 5100 OCI GFSRM	✓	✓	✓	✓	✓
	OPTera Metro 5200 OCI GFSRM	✓	✓	✓	✓	✓
	OPTera Metro 3500		✓	✓	✓	✓
PackLight Networks	PL 16000	✓	✓	✓	✓	✓
	PL OC48T2	✓	✓	✓	✓	✓
SAN Valley Systems	SL-1000	✓	✓	✓	✓	✓
Sorrento	GIGAMUX	✓	✓	✓	✓	✓

SAN APPLICATIONS

Vendor	Product	Supported OS	Fabric Aware	Brocade SilkWorm Families Supported				
				2xxx series	3200,3800	3250,3850	3900,12000	
CommVault	Galaxy Backup and Recovery	Win NT 4.0	✓	✓	✓	✓	✓	
Computer Associates	Brightstor ARCserve Backup	Win 2000	✓	✓	✓	✓	✓	
FalconStor	IPStor	Win 2000	✓	✓	✓	✓	✓	
HP	OpenView Omniback II	Win 2000	✓	✓	✓	✓	✓	
IBM	Tivoli Storage Manager	Win 2000	✓	✓	✓		✓	
Legato	Networker	Win 2000	✓	✓	✓	✓	✓	
		Solaris 8	✓	✓	✓	✓	✓	
Veritas	NetBackup	Solaris 8	✓	✓	✓	✓	✓	
	VXFS File System	Solaris 8	✓	✓	✓	✓	✓	
	VXVM Volume Manager including DMP	Win 2000	✓	✓	✓	✓	✓	
		Solaris 8	✓	✓	✓	✓	✓	
	Cluster Server	Win 2000			✓	✓	✓	✓
		Solaris 8			✓	✓	✓	✓
Volume Replicator	HP-UX 11i			✓	✓	✓	✓	

Fabric Aware Compatibility Matrix

HBA

ATTO
Emulex
JNI
LSI Logic
QLOGIC

ATTO

ID	Product Name	OS Vendor	OS Version	Service Pack	Firmware	Driver	Port Speed(Gb/s)	SilkWorm Models
1	ExpressPCI FC 2600	Windows	2000	2	1.14	1.14	1	12k,2250,2400,2800,3200,3800,3900
3	ExpressPCI FC 3300				2.2.0	2.2.0	2	

Emulex

ID	Product Name	OS Vendor	OS Version	Service Pack	Firmware	Driver	Port Speed(Gb/s)	SilkWorm Models	
1	LP10000DC	Linux	2.4.20-8	NO	1.80a3	4.30l	2	12k,2250,2400,2800,3200,3800,3900	
3		Windows	2000	3		5-5.01a0-1			
4	LP8000	AIX	4.3.3	NO	3.82a1	4.1.0.5	1		
5		HP-UX	11.0			4.10.01			
6		Solaris	8			3.90a7			5.01b
7						3.82a1			4.21e
8				Windows	2000	2			3.90a7
9		3	4-2.13a4						
10		3.82a1	5-4.53a5						
11		2	3.90a7			5-4.81a4			
12		NT 4.0	6			4-4.53a5			
13						4-2.13a4			
14		3.82a1	4-4.53a5						
15		LP8000S	Solaris	7	NO	3.03			2.10a1
16		LP850	Windows	NT 4.0	6	3.90a7			4-4.53a5
17		LP9000	Windows	NT 4.0	6	3.82a1			4-4.53a5
18	LP9002DC	Solaris	8	NO	3.82a1	4.21e	2		
19		Windows	2000	2		5-4.81a4			
20		5-2.12a1							
21	LP9002L	AIX	4.3.3	NO	4.1.05	n/a			
23		Linux	SusE 7.0		3.90a7	4.20q			
24		Solaris	8		3.82a1	4.20k			
25						4.21e			
26		Windows	2000	3	3.90a7	5-4.82a4			
27					2	3.82a1	5-4.81a4		
28				5-2.12a1					
29				NT 4.0	6	4-4.53a5			
30						3.90a7	4-2.13a4		
31						3.82a1	4-4.53a5		

ID	Product Name	OS Vendor	OS Version	Service Pack	Firmware	Driver	Port Speed(Gb/s)	SilkWorm Models
32	LP9002S	Solaris	8	NO	3.82a1	4.21e	2	12k,2250,2400,2800,3200,3800,3900
33	LP9402DC	Windows	2000	2		5-4.81a4		
34						5-2.12a1		
35	LP952L	Windows	2000	3	3.82a1	5-4.82a4		
36				2		5-4.81a4		
37						5-2.12a1		
38			NT 4.0	6	3.90a7	4-4.53a5		
39					3.82a1	4-4.82a4		
40			LP9802	Solaris	8	NO		
41	1.32a0	5.01b						
42	Windows	2000		3	1.00a2	5-2.13a4		
43						5-2.20a12		
44						LP982	Linux	2.4.18-3
45		RedHat 2.1 AS						
46		Windows	2000	3	5-2.20a12			
47			NT 4.0	6	4-2.13a4			

JNI

ID	Product Name	OS Vendor	OS Version	Service Pack	Firmware	Driver	Port Speed(Gb/s)	SilkWorm Models
1	FC-1063	Solaris	2.5.1, 2.6, 2.7	NO	13.3.5	2.20	1	12k,2250,2400,2800,3200,3800,3900
2			9		3.8.9	4.1.4		
3	FC64-1063	Solaris	2.7	NO	13.3.5	2.2.0	1	
4			8		13.5.7	2.6.10		
5	FCE-1473	Solaris	8	NO	3.8.1	5.1	2	
6	FCE-6410	Windows	NT 4.0	6	built in	3.1	1	
7	FCE-6460	Solaris	8	NO	3.6.2	5.1	2	
8					3.8.9	5.2.1		
9	FCE2-1473	Solaris	8	NO	3.8.1	5.1		
10	FCE2-6560	Solaris	8	NO	3.8.1	5.1		
11	FCX-6562	Solaris	8	NO	built in	5.3rc2		
12		Windows	2000	2		5.2rc1		
13	FCX2-6562	Solaris	8	NO	3.8.1	5.1		
14	Z210	Windows	2000	3	built in	5.2		
15			Server 2003	NO				
16	Z220	Windows	2000	3	built in	5.2		
17			Server 2003	NO				

Notes :

- 1. Also tested driver 2.3 & 2.20, combined 2.3.07 - HW rev D
- 3. Also tested Solaris 2.5.1, 2.6. HW rev D, HW rev D.

LSI Logic

ID	Product Name	OS Vendor	OS Version	Service Pack	Firmware	Driver	Port Speed(Gb/s)	SilkWorm Models	
1	ITI7004G2-LC	Windows	2000	NO	1.00.04	1.03.14	2	12k,2250,2400,2800,3200,3800,3900	
2			NT 4.0						
3	LSI449290	Solaris	8	NO	OXE904	1.01			
4					1.00.04	5.02.00			
5		Windows	2000	NO		1.03.14			
6			NT 4.0						
7		LSI7102XP-LC	Linux	2.4.18-4	NO	1.00.00			2.03.00
8				RedHat 7.3		1.01.00.01			2.05.00
9	Solaris		8	1.00.00		5.03.01			
10	Windows		2000			1.09.02			
11						3			1.00.10
12	Server 2003		NO	1.00.00		1.09.02			
13	LSI7202XP-LC	Linux	2.4.18-4	NO	1.00.00	2.03.00			
14			Solaris			8			5.03.01
15		Windows	2000						1.09.02
16									3
17		Server 2003	NO			1.00.00			1.09.02

Notes :
8.Linux Kernel 2.4.18-3

ID	Product Name	OS Vendor	OS Version	Service Pack	Firmware	Driver	Port Speed(Gb/s)	SilkWorm Models
1	QLA2200	Solaris	8	NO	1.8.1	4.06	1	12k,2250,2400,2800,3200,3800,3900
2		Windows	2000	2	1.81	8.1.5.12		
3			NT 4.0	NO				
4	QLA2300	Solaris	8	NO	3.1.7 TP	4.03	2	
5		Windows	2000	2	3.0.34	8.1.3.0		
6				3	1.17	8.0.8.1		
7			NT 4.0	6	1.24	8.1.5.12		
8	QLA2310	IRIX	6.5 IP35	NO	built in	built in		
9		Windows	2000	3	1.24	8.1.3		
10	QLA2340	Solaris	2.8	NO	3.03	3.26		
11		Windows	2000		3.01.19	8.2.0.72		
12	QLA2342L	Solaris	8	NO	3.01.19	4.06		
13		Windows	2000			2	8.2.0.10	
14			NT 4.0				8.1.5.12	

Notes :

- 4. Tested at sub-speed
- 8. HBA built in SGI Origin 300 server
- 10. Compaq driver
- 12. BIOS 1.30
- 13. BIOS 1.30
- 14. BIOS 1.30

Storage

ATTO

Apple

Chaparral

Dot Hill

Eurologic

Fujitsu-Siemens

HP

Hitachi Data Systems

IBM

Imperial Technology

LSI Logic

MTI

Network Appliance

Silicon Gear

Xiotech

Xyratex

ATTO

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Diamond Storage Array	RAID	5.0.1	NO	2	12k,2250,2400,2800,3200,3800,3900

Notes :
1.P/N D2RE-0192-220

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	XRAID	RAID	1.2_1.19f	NO	2	12k,2250,2400,2800,3200,3800,3900

Chaparral

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Javelin RAID Controller JFS226	RAID	A420R01	NO	2	12k,2250,2400,2800,3200,3800,3900

Notes :

1.Loader 6.012

Dot Hill

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	SANnet 7100	RAID	3.14	NO	1	12k,2250,2400,2800,3200,3800,3900

Eurologic

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	SANbloc FC2502	RAID	7820	NO	2	12k,2250,2400,2800,3200,3800,3900

Fujitsu-Siemens

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	FibreCAT S80	RAID	8.20, 8.50	NO	2	12k,2250,2400,2800,3200,3800,3900

HP

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	StorageWorks XP 1024	RAID	n/a	NO	2	12k,2250,2400,2800,3200,3800,3900
2	StorageWorks XP 128					

Hitachi Data Systems

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Lightning 9910	RAID	n/a	NO	2	12k,2250,2400,2800,3200,3800,3900
2	Lightning 9970V					
3	Thunder 9500V					

IBM

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	NAS 300G	NAS	2.0.13	NO	1	12k,2250,2400,2800,3200,3800,3900

Imperial Technology

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	MegaRAM-2000	RAID	A300	NO	2	12k,2250,2400,2800,3200,3800,3900
2	MegaRAM-5000		A220			

LSI Logic

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	E2400	RAID	5.20.01.00	NO	1	12k,2250,2400,2800,3200,3800,3900
2	E2600		Appware 05.40.03.00	Bootware: 05.40.03.00	2	
3	E4600		05.02.01.00	NO		
4	E5600		INF-01-00 9530			
5	MetaStor E4400		5.20.01.00			

Notes :

2.LSI FC929 (44929LO) HBA firmware 1.00.10 (2003.05.05) driver 1.9.6.0

MTI

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Vivant S200	RAID	6.15	NO	1	12k,2250,2400,2800,3200,3800,3900
2	Vivant V30		8.2.3 rev w			
3	Vivant V400		8.29		2	

Notes :
3.Fw type 5

Network Appliance

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	F740	NAS	n/a	NO	1	12k,2250,2400,2800,3200,3800,3900
2	F825				2	
3	F880					

Notes :

1. Tested as initiator, with a backup device

Silicon Gear

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Mercury III	RAID	04FEB2002	NO	1	12k,2250,2400,2800,3200,3800,3900

Xiotech

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Magnitude	RAID	8.0	NO	1	12k,2250,2400,2800,3200,3800,3900
2	Magntude 3D		0130		2	

Xyratex

ID	Product Name	Storage Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	SS-1201-FC	JBOD	8.0	NO	1	12k,2250,2400,2800,3200,3800,3900
2	SS-1202-FC		6..0			

Notes :

1.Seagate ST39102FC drives

Tape

ADIC
ATTO
Chaparral
CrossRoads
Quantum
Spectra Logic
StorageTek

ADIC

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	i2000	Library	4.41.38	FC I/O blade fw	2	12k,2250,2400,2800,3200,3800,3900
2	Pathlight VX		1.01b39	NO		
3	Scalar 100		4.10.14	SNC fw		
4	Scalar 1000					
5	Scalar 10000					

Notes :

- 1.Host using Emulex LP9002L HBA driver 5-4.82a4 fw 3.82a1. Using IBM LTO drives
- 3.Using Emulex LP9002L HBA fw 3.82a1 driver 5-4.82a4 with ADIC SNC 5101 and 6101
- 4.Using SNC 5100. host using Emulex LP9002L HBA driver 5-4.82a4
- 5.Using SNC 5100. host using Emulex LP9002L HBA for driver 5-4.82a4

ATTO

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	FibreBridge 2300E/R/D	Bridge	005B	NO	2	12k,2250,2400,2800,3200,3800,3900
2	FibreBridge 4500R/D				1	

Chaparral

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Velocity Router VFS113	Bridge	R521R01	NO	1	12k,2250,2400,2800,3200,3800,3900
2	Velocity Router VFS226		S522R02		2	

Notes :
1.version 5.012
2.Loader 6.012

CrossRoads

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	4150 Storage Router	Bridge	3.02 2006x	NO	1	12k,2250,2400,2800,3200,3800,3900
2	4250 Storage Router					
3	4450 Storage Router					
4	8000 Storage Router		1.0 2102c			

Quantum

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	P2000	Library	3.1	Library fw	1	12k,2250,2400,2800,3200,3800,3900
2	P3000		n/a	NO		
3	Super DLT1	Tape Drive	3.5		2	

Notes :

2. Tested with Crossroads 4200 bridge for FC to SCSI

Spectra Logic

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	Spectra 12000	Library	1.25.00	NO	1	12k,2250,2400,2800,3200,3800,3900
2			4.1.37.5			
4	Spectra 64000		1.25.00			

Notes :

- 1.FOS 2.1.9b
- 2.Tested with Emulex LP9002L HBA driver 5-2.13a4

StorageTek

ID	Product Name	Tape Type	Primary FW	Secondary FW/Notes	Interface Speed	SilkWorm Models
1	L180	Library	2.00.00	NO	1	12k,2250,2400,2800,3200,3800,3900
2	L700e		2.36		2	
3			3.04.03			
4			2.36			
5	T9840A	Tape Drive	1.27.117		1	
6			1.32.103			
7	T9840B		1.30.306		2	
8	T9940B		1.30.209			
9			1.32.414			

Notes :

- 2.As point to point tested with QLogic 2310 HBA driver 8.1.3 fw 1.24
- 3.As point to point tested with QLogic 2310 HBA driver 8.1.3 fw 1.24
- 5.Public loop device
- 6.public loop device
- 9.Tested with Win2K driver 6.0.0.1

Transceivers

Agilent
Finisar
IBM

Agilent

ID	Product Name	Port Speed(Gb/s)	Supported Distance	SilkWorm Models
1	HFBR-5720L	2	500m at 1G, 300m at 2G	12k,3200,3800,3900

Finisar

ID	Product Name	Port Speed(Gb/s)	Supported Distance	SilkWorm Models
1	FTR-1319-3-2.5	1	10km	2250,2400,2800
2	FTR-1519-3-2.5		70km	
3	FTR-8519-3-2.5		500m at 1G, 300m at 2G	
4	FTRJ-1419-P1BCL	1, 2	50km	12k,3200,3800,3900
5	FTRJ-8519-7D-2.5		500 m at G, 300 M at 2G	
6	FTRJ-8519-7N-2.5		500 m at 1G, 300 m at 2G	
7	FWDM-1621-7D	2	75km	

IBM

ID	Product Name	Port Speed(Gb/s)	Supported Distance	SilkWorm Models
1	1063 Mbps	1	500m	2250,2400,2800
2	IBM42P21SNYAA10	1, 2	500 m at 1G, 300M at 2G	12k,3200,3800,3900
3	SOC-1063N-LW	1	500m	2250,2400,2800

OperatingSystem

HP
IBM
Microsoft
RedHat
SGI
Sun
SusE

HP

ID	Product Name	OS Version	Patch	SilkWorm Models
1	HP-UX	11.0	NO	12k,2250,2400,2800,3200,3800,3900

IBM

ID	Product Name	OS Version	Patch	SilkWorm Models
1	AIX	4.3.3, 5.1	NO	12k,2250,2400,2800,3200,3800,3900

ID	Product Name	OS Version	Patch	SilkWorm Models
1	WINDOWS	Server 2003, 2000, NT 4.0	NO	12k,2250,2400,2800,3200,3800,3900

ID	Product Name	OS Version	Patch	SilkWorm Models
1	L I N U X	7.0, 7.2, 7.3, 2.1 AS	NO	12k,2250,2400,2800,3200,3800,3900

SGI

ID	Product Name	OS Version	Patch	SilkWorm Models
1	IRIX	IRIX 6.5 IP35	NO	12k,2250,2400,2800,3200,3800,3900

Sun

ID	Product Name	OS Version	Patch	SilkWorm Models
1	S O L A R I S	2.6, 7, 8, 9	NO	12k,2250,2400,2800,3200,3800,3900

ID	Product Name	OS Version	Patch	SilkWorm Models
1	Linux	7.0	NO	12k,2250,2400,2800,3200,3800,3900

FabricManagementApplications

Computer Associates

CreekPath

EMC

HP

Hitachi

IBM

InterSAN

Invio

Sun

VERITAS

Computer Associates

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	BrightStor SAN Designer	Solaris	8	Discovery	1.0	NO	12k,2250,2400,2800,3200,3800,3900
2		Windows	2000				
3			NT 4.0				

CreekPath

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	AIM suite	Solaris	8	Management And Administration	2.5.2	NO	12k,2250,2400,2800,3200,3800,3900
2		Windows	2000				

EMC

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	Control Center	Windows	2000	Management And Administration	5.1.1	NO	12k,2250,2400,2800,3200,3800,3900

Notes :

1.ECC service pack 3. Used Agents on Windows and Solaris hosts

HP

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	OpenView Storage Area Manager	Windows	NT 4.0	Management And Administration	2.2	NO	12k,2250,2400,2800,3200,3800,3900
2			2000				

Hitachi

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	HiCommand Tuning Manager	Windows	2000	Discovery	3.0	NO	12k,2250,2400,2800,3200,3800,3900

Notes :

1.Used SP4 for Windows, and IE 6 SP1 for the browser

IBM

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	Tivoli Storage Area Network Manager	Windows	NT 4.0	Management And Administration	1.1	NO	12k,2250,2400,2800,3200,3800,3900
2			2000				

InterSAN

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	PATHLINE	Windows	2000	Management And Administration	1.5	NO	12k,2250,2400,2800,3200,3800,3900
2		Solaris	8				

Invio

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	Storage Practice Manager	Windows	2000	Management And Administration	1.0.100	NO	12k,2250,2400,2800,3200,3800,3900

Sun

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	StorEdge Enterprise Storage Manager	Solaris	8	Management And Administration	1.0	NO	12k,2250,2400,2800,3200,3800,3900

VERITAS

ID	Product Name	OS Vendor	OS Version	Fabric Management Application Type	Product Version	Patch	SilkWorm Models
1	SANPoint Control	Windows	2000	Management And Administration	3.5	NO	12k,2250,2400,2800,3200,3800,3900
2		Solaris	8				

SANAppliance

Decru

Finisar

MTI

Mirapoint

NeoScale

ONStor

Pirus

WinCom

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	DataFort FC520	Security	1.5	NO	2	12k,2250,2400,2800,3200,3800,3900

Notes :

1. Tested with Win 2000 and Solaris 8

Finisar

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	Netwisdom FC Probe	Other	1.1	NO	2	12k,2250,2400,2800,3200,3800,3900
2	Xgig Fibre Channel Analyzer		1.5			

Notes :

1.Use of a tap recommended

MTI

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	V-Cache	Other	A210	NO	2	12k,2250,2400,2800,3200,3800,3900

Mirapoint

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	Message Server M2500S	Other	3.2.0	Windows 2000, Solaris, and Linux hosts	2	12k,2250,2400,2800,3200,3800,3900

NeoScale

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	Cryptostor FC 1002	Security	1.0.1	NO	2	12k,2250,2400,2800,3200,3800,3900
2	Cryptostor Tape Appliance				1	

Notes :

1.Windows 2000 and Solaris 8 servers with JNI FCX-6562-N HBA driver 5.2rc1, 5.3rc2 and Emulex LP9002

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	SF4400 SAN Filer	NAS	1.0	NO	2	12k,2250,2400,2800,3200,3800,3900

Pirus

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	PSX1000	NAS	1.00.02.0008	NO	1	2800,3200,3800

WinCom

ID	Product Name	Appliance Type	FW Code	FW Notes	Port Speed(Gb/s)	SilkWorm Models
1	FGS-series Switching Server	Webserver	R2EFT1 4.1.15	NO	1	12k,2800,3200,3800

Notes :

1.Tested with Linux RedHat 7.0

Networked Solutions (including MANWAN)

ADVA Optical Networking

Akara

Alcatel

CIENA Corporation

CNT

Cisco

Finisar

Last Mile AG

LightSand Communications

LuxN Inc

Nortel Networks

PacketLight Networks

SAN Valley Systems

Sorrento

ADVA Optical Networking

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	FSP 2000	DWDM	Transparent	u4.3c	1, 2	12k,2250,2400,2800,3200,3800,3900
2	FSP-II			u4.3	1	

Notes :

- 1. Tested at 50km and 75km with max throughput of 4gigs
- 2. 50km at 90 mb/s

Akara

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	OUSP 2048	Gateway	Transparent	1.2	1	12k,2250,2400,2800,3200,3800,3900

Notes :

1. Tested over 25km

Alcatel

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	1696 Metro Span MCC	DWDM	Transparent	R01.02.00	1, 2	12k,2250,2400,2800,3200,3800,3900
2	1696 Metro Span TDM		FC Over SONET		1	

CIENA Corporation

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	ONLINE Edge 2500 (ADM card)	CWDM	FC Over SONET	OPtxos	1	12k,2250,2400,2800,3200,3800,3900
4	ONLINE Edge 2500 (Rate-tunable card)			3.1.1.3	2	
5	ONLINE Metro 7000	DWDM		OPtxos	1, 2	
6	ONLINE Metro 9000					

Notes :

- 5.Successfully tested for end to end 2G fibre channel
- 6.Successfully tested end to end with 2G fibre channel

CNT

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	UltraNet Edge Storage Router	Gateway	FC Over IP	1.2	1	12k,2250,2400,2800,3200,3800,3900
2				1.4.1.2		
3	UltraNet Edge Storage Router 3000			3.1.1.1.2	2	

Notes :

1.Tested in a 26 switch configuration with packet loss: 1% and 1% delay/jitter 20 ms +/- 2ms

Cisco

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	ONS 15540	DWDM	Transparent	12.1	1	12k,2250,2400,2800,3200,3800,3900
2	SN 5420	Bridge	iSCSI to FC	n/a		

Notes :

1.Experimental firmware

Finisar

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	MUX/DEMUX	CWDM	Transparent	n/a	2	12k,2250,2400,2800,3200,3800,3900
2	OADM-1					

Notes :

- 1.Passive device. Tested at 75km
- 2.Passive device. tested at 75km

Last Mile AG

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	1G FiberPilot	CWDM	Transparent	1.6	1	12k,2250,2400,2800,3200,3800,3900
2	2G FiberPilot				2	
3	WavePilot 200	DWDM		n/a	1	

Notes :

1. Tested at 25km
2. Tested at 25km
3. Tested with clear channel pass though at 75km

LightSand Communications

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	i-8100	Gateway	FC Over IP	3.4.1d	1	12k,2250,2400,2800,3200,3800,3900
2	S-600B		FC Over SONET	1.0.0 build 30111802		

Notes :

- 1.Use LightSand interop parameter to 0x42 when connecting to 2g switches or 0x41 for 1g switches
- 2.Tested at 25km

LuxN Inc

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	WS 3217	DWDM	Transparent	n/a	1	12k,2250,2400,2800,3200,3800,3900

Nortel Networks

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	OPTera Metro 5100 GFSRM	DWDM	FC Over SONET	6.1	1	12k,2250,2400,2800,3200,3800,3900
2	OPTera Metro 5100 OCI circuit pack	CWDM		n/a		
3	Optera Metro 5200 GFSRM	DWDM		6.1		
4	OPTera Metro 5200 OCI circuit pack			n/a		
5	OPTera Metro 5200 OTR		Transparent	2		

Notes :

3.Tested both R_RDY and extended fabric modes (Nortel sub-rate mode enabled and disabled)

PacketLight Networks

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	PL 16000	DWDM	FC Over SONET	2.99.4	1	12k,2250,2400,2800,3200,3800,3900
2	PL OC48T2					

SAN Valley Systems

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	SL-1000	Gateway	FC Over IP	0.0.4	1	12k,2250,2400,2800,3200,3800,3900

Notes :

1.Pre-release version 201

Sorrento

ID	Product Name	MAN WAN Type	Protocol	Tested Version	Port Speed(Gb/s)	SilkWorm Models
1	GIGAMUX	DWDM	Transparent	n/a	1, 2	12k,2250,2400,2800,3200,3800,3900

SANApplications

CommVault

Computer Associates

FalconStor

HP

IBM

Legato

VERITAS

CommVault

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	Galaxy Backup and Recovery	Windows	NT 4.0	Recovery	3.1	NO	12k,2250,2400,2800,3200,3800,3900

Computer Associates

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	Brightstor ARCserve Backup	Windows	2000	Backup/Restore	9	NO	12k,2250,2400,2800,3200,3800,3900
3	Brightstor Enterprise Backup				10		

FalconStor

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	IPStor	Windows	2000	Virtualizer	2.0	NO	12k,2250,2400,2800,3200,3800,3900

HP

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	Openview Omniback II	Windows	2000	Backup/Restore	4.1	NO	12k,2250,2400,2800,3200,3800,3900

IBM

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	Tivoli Storage Manager	Windows	2000	Backup/Restore	5.1	NO	12k,2250,2400,2800,3200,3800,3900
2		Solaris	8				

Legato

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	Networker	Windows	2000	Backup/Restore	6.1.1	NO	12k,2250,2400,2800,3200,3800,3900
2		Solaris	8				

Notes :
1.With DDS
2.With DDS

VERITAS

ID	Product Name	OS Vendor	OS Version	Apps Type	Product Version	Patch	SilkWorm Models
1	NetBackup	Solaris	8	Backup/Restore	3.4	NO	12k,2250,2400,2800,3200,3800,3900
3	VXFS File System			Recovery			
4	VXVM Storage Management			Virtualizer	3.2		
5		Windows	2000	5.30_beta			
6		Solaris	8				
7		Windows	2000				



Corporate Headquarters

Brocade Communications Systems, Inc.
1745 Technology Drive
San Jose, CA 95110
T: (408) 333-8000
F: (408) 333-8101
info@brocade.com

European Headquarters

Brocade Communications Switzerland Sàrl
Centre Swissair, Tour A - 2ème étage
29, Route de l'Aéroport
Case Postale 105
CH-1215 Genève 15, Switzerland
T: +41 22 799 56 40
F: +41 22 799 56 41
emea-info@brocade.com

Asia Pacific Headquarters

Brocade Communications Systems K.K.
Shiroyama JT Trust Tower 36th Fl.
1-1-1 Uchisaiwaicho
4-3-1 Toranomom, Minato-ku
Tokyo, Japan
T: +81 35402 5300
F: +81 35402 5399
apac-info@brocade.com

Latin American Headquarters

Brocade Communications Systems, Inc.
5201 Blue Lagoon Drive
Miami, FL 33126
T: (305) 716-4165
latinam-sales@brocade.com

©2004 Brocade Communications Systems, Incorporated. All rights reserved. 01/04

Brocade, the Brocade B weave logo, Secure Fabric OS, and SilkWorm are registered trademarks of Brocade Communications Systems, Inc., in the United States and/or in other countries. FICON is a registered trademark of IBM Corporation in the U.S. and other countries. All other brands, products, or service names are or may be trademarks or service marks of, and are used to identify, products or services of their respective owners.