

## What Is Cisco 880 Series xDSL Interoperability?

If your company plans to deploy broadband-based services with the Cisco® 880 Series integrated xDSL technologies, this document describes the DSL interoperability expectations of these platforms to help you avoid potential problems.

### CPE and DSLAM Interoperability

The Cisco 880 Series customer premises equipment (CPE) described in the following tables has been tested at the Cisco DSL Interoperability Test Lab in San Jose, California, to ensure interoperability with the DSL access multiplexers (DSLAMs) also specified in these tables.

For very-high-bit-rate DSL2 (VDSL2) and ADSL platforms, you can independently upgrade VDSL2 and ADSL modem firmware. As new firmware revisions become available, you can download them from the [cisco.com](http://cisco.com) software download page.

For G.SHDSL platforms, G.SHDSL modem firmware is embedded in the Cisco IOS® Software. Table 2 lists firmware and the Cisco IOS Software combinations for the G.SHDSL platforms.

**Table 1.** Cisco 886 ADSLoISDN Router (Annex B)

CPE			DSLAM			
CPE Part Number	Chipset	Firmware/Cisco IOS Software Release	DSLAM Model	Chipset	Line Card	Firmware
CISCO886	ST Micro	4.0.15/ Cisco IOS Software Release 12.4(22)YB3 or later	Alcatel ASAM7300	Broadcom	ABLT-F	L7D6AA47.174
			Siemens HiX 5300	Infineon	SUADSL:64IXA	542
			ECI Hi-Focus 480	Infineon	ATU-C	A4_9.00.48
			Ericsson ECN320	Broadcom	EDN312xi	132 8112 R2L01 CXC 132 8113 R2A01

**Table 2.** Cisco 867 and Cisco 887 ADSLoPOTS Router (Annex A)

CPE			DSLAM			
CPE Part Number	Chipset	Firmware/Cisco IOS Software Release	DSLAM Model	Chipset	Line Card	Firmware
CISCO887	ST Micro	4.0.15/ Cisco IOS Software Release 12.4(22)YB3 or later	Alcatel ASAM7300	Broadcom	ABLT-D	L7D6AA47.174
			Ericsson EDA2.1	Broadcom	EDN312xp	132 8112 R2L01 CXC 132 8113 R2A01
			ECI Hi-Focus 480	Infineon	ATU-C	A4_9.00.60
			Huawei MA5100*	Connexant	H513ADCE	<U44>106
			Huawei MA5300*	Globespan	H533EADB	V100R006
			Huawei MA5600*	Globespan	H563ADGE VER A	MA5600V300R003
			Lucent Stinger	Connexant	ep-hs-gs-adsl2plus-card	E.67.15.1
			Nokia D500*	Globespan	ADSL2+af	3,5141,21:21:47 May 23 2007

\* Please contact us via the email address at the end of this document if you encounter any TR-100 related issues with these DSLAMs.

**Table 3.** Cisco 887M ADSLoPOTS Router (Annex M)

CPE			DSLAM			
CPE Part Number	Chipset	Firmware/Cisco IOS Software Release	DSLAM Model	Chipset	Line Card	Firmware
CISCO887M	ST Micro	4.0.15/Cisco IOS Software Release 12.4(22)YB3 or later	Alcatel ASAM7300	Broadcom	ABLT-D	L7D6AA47.174
			Ericsson EDA2.1	Broadcom	EDN312xp	132 8112 R2L01 CXC 132 4220 R10A04 CXC 132 8113 R2A01
			ECI Hi-Focus 480	Infineon	ATU-C	A4_9.00.60
			Lucent Stinger	Connexant	stngr-72-gs-adsl-card	E.67.15.1

**Table 4.** Cisco 887V VDSL2 Router

CPE			DSLAM			
CPE Part Number	Chipset	Firmware/Cisco IOS Software Release	DSLAM Model	Chipset	Line Card	Software/ Firmware
CISCO887V	Broadcom	AvC011b.d21j1/Cisco IOS Software Release 12.4(22)YB	ZTE 9806	Broadcom	VSTDC	V1.2.0P4T2
			Huawei 5600	Broadcom	H565VDBD*	325(2008-7-26)/ VE_9_3_6
			Huawei 5603	Broadcom	H565VDEA	320(2007-12-7)/VE_9_3_6

\* Please refer to CSCsu09246 and CSCsv60648 if you encounter any training problems with the H565VDBD line card.

**Table 5.** Cisco 888 G.SHDSL Router

CPE			DSLAM			
CPE Part Number	Chipset	Firmware/Cisco IOS Software Release	DSLAM Model	Chipset	Line Card	Firmware
CISCO888 (2- and 4-wire support)	Conexant	R4.2.1/Cisco IOS Software Release 12.4(20)T or later	Alcatel 7300	Globespan	SMLT-A	LDP7AA46.020
			Lucent Stinger	Globespan	STGR-LIM-SL-72	9.7.4e21 (firmware R3.0.5)
					stngr-48-shdsl-card	R3.0.2
			ECI 480	Infineon	STU-C 16	S3_8.10.16
			Siemens HiX 5300	Infineon	SUSHDSL:32:PAM16	S50010-M1295-A101-
			Huawei 5600	Globespan	H561SHEA	MA5600V300R003C03B028 (320(2007-9-29))
Huawei 5600	Infineon	SHEB	H569 (336)SHEB			

For questions about interoperability of DSLAMs and line cards not listed in the tables, please send an email message to: [xdsl-cpe-interest@external.cisco.com](mailto:xdsl-cpe-interest@external.cisco.com). For more information about the Cisco 880 Series Integrated Services Routers and their capabilities, visit <http://www.cisco.com/en/US/products/hw/routers/ps380/>



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