Guide to Dialogic® System Software, Operating Systems, and Dialogic® Products

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Part 1: Dialogic® TDM Boards that use Dialogic® System Release Software

Supported Operating Systems and System Releases				
Operating System	**System Release**			
	Windows		**Linux**	
	6.0 32-bit	**6.0 64-bit***	**6.1 32-bit**	**6.1 64-bit***
Windows				
Windows Server 2008 Standard, 32-bit and compatibility mode	Yes	Yes		
Windows Server 2008 Enterprise, 32-bit and compatibility	Yes	Yes		
Windows Server 2008 R2 Standard, compatibility mode		Yes		
Windows Server 2008 R2 Enterprise, compatibility mode		Yes		
Windows Server 2012 Standard, compatibility mode		Yes		
Windows Server 2012 R2 Standard, compatibility mode		Yes		
Windows Server 2016 Standard, compatibility mode		Yes		
Windows 7 Professional, 32-bit and compatibility mode	Yes	Yes		
Windows 7 Enterprise, 32-bit and compatibility mode	Yes	Yes		
Windows 7 Ultimate, 32-bit and compatibility mode	Yes	Yes		
Windows 8.1, 32-bit and compatibility mode	Yes	Yes		
Windows 10, 32-bit and compatibility mode	Yes	Yes		
Linux				
Red Hat Entp Linux v5.5 and lower v5.x, and v6.x (2.6 kernel); 32-bit and compatibility mode			Yes	
SUSE Linux Enterprise Server 10 and 11.3 (2.6 kernel), 32-bit			Yes	
Red Hat Entp up to Linux v7.2 (3.1 kernel), 64-bit				Yes
CentOS 7.1, 64-bit				Yes

* Applications must be compiled as 32-bit binaries

Supported System Releases and Boards

Combined Media Boards – JCT

Voice + Fax

Dialogic® Board	Form Factor	Windows		Linux	
		6.0 32-bit	6.0 64-bit	6.1 32-bit	6.1 64-bit
D4PCIUFW	PCIU	Yes	Yes	Yes	Yes
D4PCIUFEQ	PCI Express	Yes	Yes	Yes	Yes

Voice + Fax + Speech

Dialogic® Board	Form Factor	6.0 32-bit	6.0 64-bit	6.1 32-bit	6.1 64-bit
D41JCTLSW	PCIU	Yes	Yes	Yes	Yes
D41JCTLSEW	PCI Express	Yes	Yes	Yes	Yes
D120JCTLSW	PCIU	Yes	Yes	Yes	Yes
D120JCTLSEW	PCI Express	Yes	Yes	Yes	Yes
D240JCTT1EW	PCI Express	Yes	Yes	Yes	Yes
D300JCTE1120W	PCIU	Yes	Yes	Yes	Yes
D300JCTE1120EW	PCI Express	Yes	Yes	Yes	Yes
D480JCT1T1W	PCIU	Yes	Yes	Yes	Yes
D480JCTT1EW	PCI Express	Yes	Yes	Yes	Yes
D480JCT2T1W	PCIU	Yes	Yes	Yes	Yes
D480JCT2T1EW	PCI Express	Yes	Yes	Yes	Yes
D600JCT1E1120W	PCI	Yes	Yes	Yes	Yes
D600JCTE1120EW	PCI Express	Yes	Yes	Yes	Yes
D600JCT2E1120W	PCIU	Yes	Yes	Yes	Yes
D600JCT2E1120EW	PCI Express	Yes	Yes	Yes	Yes
VFX41JCTLSEW	PCI Express	Yes	Yes	Yes	Yes

Combined Media Boards – JCT					
Voice + Speech					
Dialogic® Board	**Form Factor**	**Windows**		**Linux**	
		6.0 32-bit	**6.0 64-bit**	**6.1 32-bit**	**6.1 64-bit**
D4PCIU4SW	PCIU	Yes	Yes	Yes	Yes
D4PCIU4SQ	PCI Express	Yes	Yes	Yes	Yes
PBX Integration Boards					
Dialogic® Board	**Form Factor**	**Windows**		**Linux**	
		6.0 32-bit	**6.0 64-bit**	**6.1 32-bit**	**6.1 64-bit**
D42JCTU	PCIU	Yes	Yes	Yes	Yes
D42JCTUEW	PCI Express	Yes	Yes	Yes	Yes
D82JCTUW	PCIU	Yes	Yes	Yes	Yes
D82JCTUEW	PCI Express	Yes	Yes	Yes	Yes
Switching Boards					
Conferencing + Speech + Station Interface + Voice					
Dialogic® Board	**Form Factor**	**Windows**		**Linux**	
		6.0 32-bit	**6.0 64-bit**	**6.1 32-bit**	**6.1 64-bit**
DISI32W	PCIU	Yes	Yes	Yes	Yes
Combined Media Boards – DM3					
Voice					
Dialogic® Board	**Form Factor**	**Windows**		**Linux**	
		6.0 32-bit	**6.0 64-bit**	**6.1 32-bit**	**6.1 64-bit**
DMV9604T1	PCIU	Yes	Yes	Yes	
DMV12004E1	PCIU	Yes	Yes	Yes	

Combined Media Boards – DM3

Digital Telephony Interface

Dialogic® Board	Form Factor	Windows		Linux	
		6.0 32-bit	6.0 64-bit	6.1 32-bit	6.1 64-bit
DMN9604T1	PCIU	Yes	Yes	Yes	
DMN12004E1	PCIU	Yes	Yes	Yes	

Conferencing + Speech + Voice

Dialogic® Board	Form Factor	Windows		Linux	
		6.0 32-bit	6.0 64-bit	6.1 32-bit	6.1 64-bit
DMV1200BTEP	PCI	Yes	Yes	Yes	
DMV3600BP	PCI	Yes	Yes	Yes	
DMV600BTEP	PCI	Yes	Yes	Yes	
DMV300BTEPE	PCI Express	Yes	Yes	Yes	
DMV600BTEPE	PCI Express	Yes	Yes	Yes	
DMV1200BTEPE	PCI Express	Yes	Yes	Yes	

IP

Dialogic® Board	Form Factor	Windows		Linux	
		6.0 32-bit	6.0 64-bit	6.1 32-bit	6.1 64-bit
DMIP241T1-100BT	PCIU	Yes		Yes	
DMIP301E1P-100BT	PCIU	Yes		Yes	
DMIP4812T1P-100BT	PCIU	Yes		Yes	
DMIP6012E1P-100BT	PCIU	Yes		Yes	

Combined Media Boards – DM3					
Station Interface					
Dialogic® Board	**Form Factor**	**Windows**		**Linux**	
		6.0 32-bit	**6.0 64-bit**	**6.1 32-bit**	**6.1 64-bit**
HDSI480	PCIU	Yes	Yes	Yes	
HDSI720	PCIU	Yes	Yes	Yes	
HDSI960	PCIU	Yes	Yes	Yes	
HDSI1200	PCIU	Yes	Yes	Yes	
Voice + Fax + Speech					
Dialogic® Board	**Form Factor**	**Windows**			
		6.0 32-bit	**6.0 64-bit**	**6.1 32-bit**	**6.1 64-bit**
DMV160LP	PCIU	Yes	Yes	Yes	

Abbreviations

System Releases for Windows
6.0 32-bit and 64-bit: Dialogic® System Release 6.0 PCI for Windows
System Releases for Linux
6.1 32-bit and 64-bit: Dialogic® System Release 6.1 for Linux (PCI)

Part 2: Dialogic® DSI Signaling and TX Series Products

DSI SS7 Boards						
DSI SS7 Board	**Form Factor**	**DevPak**			**Dialogic® Global Call API**	
		Windows	**Linux**	**Solaris**	**Windows**	**Linux**
SS7MD	PCI Express		Yes	Yes		Yes
SS7LD	PCI Express	Yes	Yes	Yes	Yes	Yes
DSI Protocol Stacks Software						
DSI Protocol Stack		**DevPak**			**Dialogic® Global Call API**	
		Windows	**Linux**	**Solaris**	**Windows**	**Linux**
Diameter			Yes	Yes		
MTP3		Yes	Yes	Yes		
ISUP		Yes	Yes	Yes	Yes	Yes
BICC (extension to ISUP)		Yes	Yes	Yes	Yes	Yes
SCCP		Yes	Yes	Yes		
TCAP		Yes	Yes	Yes		
MAP		Yes	Yes	Yes		
ANSI-41 (IS-41)		Yes	Yes	Yes		
INAP		Yes	Yes	Yes		
M2PA		Yes	Yes	Yes		
M3UA		Yes	Yes	Yes		
DSI Signaling Controllers						
DSI Signaling Controller	**Operating Mode**	**Application Server (Host)**			**Dialogic® Global Call API**	
		Windows	**Linux**	**Solaris**	**Windows**	**Linux**
DSI-G51	SIU	Yes	Yes	Yes	Yes	Yes
	SWS	Yes	Yes	Yes		

DSI Development Package and Host Protocol Operating System Compatibility Matrix

	Linux 2.6 or 3.10 Kernels (64 bit)	Linux 2.6 or 3.10 Kernels (32 bit)	Solaris 10 for SPARC (64 bit)	Solaris 11 for SPARC (64 bit)	Solaris 10 for x86 (64 bit)	Solaris 11 for x86 (64 bit)	Windows Server 2012 (64 bit)	Windows Server 2008 R2 (64 bit)	Windows Server 2008 (64 bit)	Windows Server 2008 (32 bit)
Board Drivers										
SS7MD	√	√	√	√	√	√				
SS7LD	√	√	√	√	√	√	√	√	√	√
Host Software										
SS7 Stack	√	√	√	√	√	√	√	√	√	√
SIGTRAN Stack	√	√	√	√	√	√	√	√	√	√
SIGTRAN Monitor	√	√	√	√	√	√	√	√	√	√
Diameter Stack	√	√	√	√	√	√				

TX 5000 Series SS7 Boards (PCI Express)		
Operating System	**Environment**	**Required NaturalAccess™ Release**
Windows Server 2008 Standard Edition SP2	32-bit	9.0.4
Windows Server 2008 Enterprise Edition R2	64-bit	9.0.2
Windows Server 2012 R2	64-bit	9.0.8
Red Hat Enterprise Linux 5	Compatibility mode	9.0.4
Red Hat Enterprise Linux 5	32-bit	9.0.4
Red Hat Enterprise Linux 6	64-bit	9.0.8
Red Hat Enterprise Linux 6	Compatibility mode	9.0.8
Red Hat Enterprise Linux 6	32-bit	9.0.5
Red Hat Enterprise Linux 7	64-bit	9.0.9
Red Hat Enterprise Linux 7	Compatibility mode	9.0.9
Solaris 10 for SPARC	64-bit	9.0.1
Solaris 10 for SPARC	Compatibility mode	9.0.4
Solaris 10 for x86	32-bit	9.0.3

Note: Compatibility mode is a 64-bit kernel running with a 32-bit application.

Part 3: Dialogic® Products that use Dialogic® NaturalAccess™ Software

Supported Operating Systems with NaturalAccess Software Releases			
Operating System	**Windows** NA 9.0.x	**Linux** NA 9.0.x	**Solaris** NA 9.0.x
Windows			
Windows Server 2008 Standard SP2; 32-bit	Yes		
Windows Server 2008 Standard SP2; 64-bit	Yes		
Windows Server 2008 Enterprise SP2; 32-bit	Yes		
Windows Server 2008 Enterprise SP2; 64-bit	Yes		
Windows Server 2008 R2 Standard	Yes		
Windows Server 2008 R2 Enterprise	Yes		
Windows Server 2012 Standard; 64-bit and compatibility mode	Yes		
Windows Server 2012 R2 Standard; 64-bit and compatibility mode	Yes		
Windows Server 2016 Standard; 64-bit and compatibility mode	Yes		
Linux			
Red Hat Entp Linux v5; 32-bit; compatibility mode (Update 3)		2.6.18-128	
Red Hat Entp Linux v6; 32-bit (Updates 0 and 1)		2.6.32-71	
Red Hat Entp Linux v6; 64-bit and compatibility mode (Update 1)		2.6.32-131	
Red Hat Entp Linux v6; 64-bit and compatibility mode (Update 2)		2.6.32-220	
Red Hat Entp Linux v7; 64-bit and compatibility mode		3.1	
Solaris			
x86 Solaris 10; 32-bit (Update 7 5/09)			139556-08
x86 Solaris 10; 64-bit (Update 7 5/09)			139556-08
x86 Solaris 11; 64-bit (11.3)			SRU7
SPARC Solaris 10; 64-bit; compatibility mode (Update 7 5/09)			139555-08
SPARC Solaris 10; compatibility mode (Update 9, 9/10)			142909-17

Boards Supporting Dialogic® NaturalAccess™ Software

CG Series Media Processing Boards		
Dialogic® Board	**Form Factor**	**NA 9.0.x**
CG 6060 Series Media Boards	PCI	Yes
CG 6060C Series Media Boards	CompactPCI	Yes
CG 6565 Series Media Boards	PCI	Yes
CG 6565C Series Media Boards	CompactPCI	Yes
CG 6565E Series Media Boards	PCI Express	Yes

Abbreviations

NA 9.0.x: Dialogic® NaturalAccess™ Release 9.0.x

Part 4: Dialogic® Diva® Boards

Supported Operating Systems and System Releases		
Operating System	**System Release**	
	Windows 8.5.x	**Linux 9.6.x**
Windows		
Windows Server 2008 Standard - 32bit	Yes	
Windows Server 2008 Standard - 64bit and compatibility mode	Yes	
Windows Server 2008 R2 Standard - 64bit and compatibility mode	Yes	
Windows 7 Professional - 32bit	Yes	
Windows 7 Professional - 64bit and compatibility mode	Yes	
Windows 7 Enterprise - 32bit	Yes	
Windows 7 Enterprise - 64bit and compatibility mode	Yes	
Windows 7 Ultimate - 32bit	Yes	
Windows 7 Ultimate - 64bit and compatibility mode	Yes	
Windows 10 - 32bit	Yes	
Windows 10 - 64bit and compatibility mode	Yes	
Windows Server 2012 Standard - 64bit and compatibility mode	Yes	
Windows Server 2012 R2 Standard - 64bit and compatibility mode	Yes	
Windows Server 2016 - 64bit and compatibility mode	Yes	
Linux 32-bit, 64-bit and compatibility mode		Support for distributions up to kernel 3.10. Some testing on later kernels has also been performed and the source-level package can be built and operated on most Linux OSDs up through Linux kernel version 4.4 and GCC version 4.9. ; refer to release notes: http://www.dialogic.com/en/products/media/system-release-software/diva-for-linux/diva-sr-lin-download.aspx (free registration required)
Red Hat		Yes
Fedora		Yes
CentOS		Yes
SUSE		Yes
OpenSuse		Yes
Debian		Yes

Supported System Releases and Boards

Combined Media Boards

Conferencing + Speech + Voice Boards

Dialogic® Diva® Media Board	Form Factor	Windows	Linux
		8.5.x	9.6.x
Diva V-PRI/T1-24	PCI Express	Yes	Yes
Diva V-PRI/E1-30	PCI Express	Yes	Yes
Diva V-1PRI/E1/T1-30*	PCI Express	Yes	Yes
Diva V-2PRI/E1/T1-60*	PCI Express	Yes	Yes
Diva V-4PRI/E1/T1-120 HS*	PCI Express	Yes	Yes
Diva V-4PRI/E1/T1-120 FS*	PCI Express	Yes	Yes
Diva V-8PRI/E1/T1-240*	PCI Express	Yes	Yes

Conferencing + Speech + Voice + Modem + Fax Boards

Dialogic® Diva® Media Board	Form Factor	Windows	Linux
		8.5.x	9.6.x
Diva UM-BRI-2	PCI	Yes	Yes
Diva BRI-2	PCI	Yes	Yes
Diva UM-BRI-2	PCI Express	Yes	Yes
Diva BRI-2	PCI Express	Yes	Yes
Diva 4BRI-8	PCI	Yes	Yes
Diva UM-4BRI-8	PCI Express	Yes	Yes
Diva 4BRI-8	PCI Express	Yes	Yes
Diva UM-PRI/T1-24	PCI Express	Yes	Yes
Diva UM-PRI/E1-30	PCI	Yes	Yes
Diva PRI/E1-30	PCI	Yes	Yes
Diva UM-PRI/E1-30	PCI Express	Yes	Yes
Diva PRI/E1-30	PCI Express	Yes	Yes
Diva UM-Analog-2	PCI	Yes	Yes
Diva Analog-2	PCI	Yes	Yes
Diva UM-Analog-4	PCI	Yes	Yes
Diva Analog-4	PCI	Yes	Yes
Diva UM-Analog-8	PCI	Yes	Yes
Diva Analog-8	PCI	Yes	Yes
Diva UM-Analog-2	PCI Express	Yes	Yes
Diva Analog-2	PCI Express	Yes	Yes
Diva UM-Analog-4	PCI Express	Yes	Yes
Diva Analog-4	PCI Express	Yes	Yes
Diva UM-Analog-8	PCI Express	Yes	Yes
Diva Analog-8	PCI Express	Yes	Yes

* Diva Media Board can be upgraded via software licenses to support modem, VoIP CODECs and fax.

Combined Media Boards			
Voice Boards			
Dialogic® Diva® Media Board	**Form Factor**	**Windows**	**Linux**
		8.5.x	**9.6.x**
Diva BRI-CTI	PCI	Yes	Yes
Diva PRI/E1/T1-CTI	PCI	Yes	Yes
Diva PRI/E1/T1-CTI	PCI Express	Yes	Yes
Boards Bundled with Modem Licenses			
Dialogic® Diva® Media Board	**Form Factor**	**Windows**	**Linux**
		8.5.x	**9.6.x**
Diva V-1PRI/E1/T1-30 with 30 ch Modem License	PCI Express	Yes	Yes
Diva V-2PRI/E1/T1-60 with 60 ch Modem License	PCI Express	Yes	Yes
Diva V-4PRI/E1/T1-120 HS with 120 ch Modem License	PCI Express	Yes	Yes
Diva V-4PRI/E1/T1-120 FS with 120 ch Modem License	PCI Express	Yes	Yes

Abbreviations
Diva System Release for Windows
8.5.x: Dialogic® Diva® System Release 8.5WIN SUx
Diva System Release for Linux
9.6.x: Dialogic® Diva® System Release 9.6LIN SUx

Part 5: Dialogic® PowerMedia® HMP and Dialogic® PowerMedia® XMS Products

Supported Operating Systems and Boards Dialogic® PowerMedia® HMP SDKs
Operating System
PowerMedia HMP for Windows
Windows Server 2012 R2
Windows Server 2012
Windows Server 2008 R2 (64-bit version)
Windows Server 2008 (32-bit and 64-bit versions)
Windows 8.1 Pro (32-bit and 64-bit versions)
Windows 7 (32-bit and 64-bit versions)
Windows 10 Enterprise (64 bit) *
Windows Server 2016 (64 bit) *
PowerMedia HMP for Linux
Red Hat Enterprise Linux Release 7 Update 1 or later (32 / 64-bit)
Red Hat Enterprise Linux Release 6 Update 2 or later (32 / 64-bit)
Cent OS 7 Update 1 or later (32 / 64-bit)
Cent OS 6 Update 2 or later (32 / 64-bit)
SUSE Linux Enterprise Server 11 Service Pack 3 64-bit Support
Oracle Enterprise Linux 6.2 64-bit with Unbreakable Linux Kernel (UEK)

* Requires Dialogic PowerMedia HMP 3.0 Windows SU372 or later

Supported Boards by Dialogic® PowerMedia® HMP SDK Version		
Dialogic® Boards	**Windows**	**Linux**
DNI2410TEPE2HMP	yes	yes
DNI1210TEPE2HMP	yes	yes
DNI610TEPE2HMP	yes	yes
DNI310TEPE2HMP	yes	yes
D/4PCIUFEQ	yes	
D/4PCIU4SEQ	yes	

Supported Operating Systems Dialogic® PowerMedia® XMS
Operating Systems
Red Hat Enterprise Linux Release 7 Update 1 or later (64-bit)
Red Hat Enterprise Linux Release 6 Update 2 or later (64-bit)
Cent OS 7 Update 1 or later (64-bit)
Cent OS 6 Update 4 or later (64-bit)
Oracle Linux 6.4 (64-bit)
Oracle Linux 7.2 with Unbreakable Enterprise Kernel (UEK) Release 4 (64-bit)