



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

# 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**

<b>Supported Operating Systems and System Releases</b>				
Operating System	System Release			
	Windows		Linux	
	6.0 32-bit	6.0 64-bit*	6.1 32-bit	6.1 64-bit*
<b>Windows</b>				
Windows Server 2008 Standard, 32-bit and compatibility mode	Yes	Yes		
Windows Server 2008 Enterprise, 32-bit and compatibility mode	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		
<b>Linux</b>				
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

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
<b>Board Drivers</b>										
SS7MD	√	√	√	√	√	√				
SS7LD	√	√	√	√	√	√	√	√	√	√
<b>Host Software</b>										
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	Linux	Solaris
	NA 9.0.x	NA 9.0.x	NA 9.0.x
<b>Windows</b>			
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		
<b>Linux</b>			
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	
<b>Solaris</b>			
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
<b>Windows</b>		
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	
<b>Linux</b> 32-bit, 64-bit and compatibility mode	<a href="http://www.dialogic.com/en/products/media/system-release-software/diva-for-linux/diva-sr-lin-download.aspx">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)</a>	
Red Hat		Yes
Fedora		Yes
CentOS		Yes
SUSE		Yes
OpenSuse		Yes
Debian		Yes

<b>Supported System Releases and Boards</b>			
<b>Combined Media Boards</b>			
<b>Conferencing + Speech + Voice Boards</b>			
<b>Dialogic® Diva® Media Board</b>	<b>Form Factor</b>	<b>Windows</b>	<b>Linux</b>
		<b>8.5.x</b>	<b>9.6.x</b>
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
<b>Conferencing + Speech + Voice + Modem + Fax Boards</b>			
<b>Dialogic® Diva® Media Board</b>	<b>Form Factor</b>	<b>Windows</b>	<b>Linux</b>
		<b>8.5.x</b>	<b>9.6.x</b>
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.

<b>Combined Media Boards</b>			
<b>Voice Boards</b>			
<b>Dialogic® Diva® Media Board</b>	<b>Form Factor</b>	<b>Windows</b>	<b>Linux</b>
		<b>8.5.x</b>	<b>9.6.x</b>
Diva BRI-CTI	PCI	Yes	Yes
Diva PRI/E1/T1-CTI	PCI	Yes	Yes
Diva PRI/E1/T1-CTI	PCI Express	Yes	Yes
<b>Boards Bundled with Modem Licenses</b>			
<b>Dialogic® Diva® Media Board</b>	<b>Form Factor</b>	<b>Windows</b>	<b>Linux</b>
		<b>8.5.x</b>	<b>9.6.x</b>
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

#### Div a System Release for Windows

8.5.x: Dialogic® Diva® System Release 8.5WIN SUx

#### Div a 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)



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Some products listed within this document already have been discontinued; however, as of the publication of this document one or more of the end of support dates of such discontinued products has not yet occurred.