

MiVoice 5000 card compatibility - as of R6.5

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AMT/PTD/SYS/0063/0/3/EN



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1. Introduction

1.1. Purpose of this document

The purpose of this document is to identify the (hardware and software) compatibility of MiVoice 5000 cards, as of release R6.5.

Caution: The versions of the other compatible items (SIP terminals, applications...) are now in the MiVoice 5000 release note of each release.

1.2. Scope of application

The descriptions are applicable as soon as the document becomes generally available.

1.3. 2nd edition

From R6.5 on the RUCV1L card doesn't function on XL if it has a software version below HJ0031AC01. In this second edition Technical Status of Cards table is modified in order to take in account this precision.

1.4. 3rd edition

From R7.0 on UCV1 (D, L, S) cards are not compatible. Moreover, PT2 and VOIP cards are not supported.

2. Related documents

2.1. Applicable documents

A1	AMT/QMS/GEN/0001	Documentation management manual
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2.2. Reference documents

N/A

2.3. Associated documents

AMT/PTD/SYS/0062/	Releases Notes R6.5
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3. Terminology

3.1. Abbreviations

Mitel 5000 X series	This term refers to all Mitel 5000 XS, XL and XD gateways (as of R5.1).
Mitel 500	Gateways including MiVoice 5000 software and supporting high capacity analogue and digital terminals
MiVoice 5000 Server	Telephone switching system server hosted by a PC running with Linux
PABX	(Automatic) Private Branch Exchange
PBX	Private Branch Exchange Private Branch Exchange
DS	Digital Set
T0	Basic rate interface 2B+D
T2	Primary rate interface 30B+D
TDM	Time Division Multiplexing
VOIP	Voice over IP

3.2. Definitions

N/A

3.3. Style convention

The document, which describes the change of product names is available on InfoChannel:
"Home > Solutions \ MiVoice 5000 \ Product Naming MiVoice 5000"

4. MiV5000 hardware card compatibility

4.1. Mitel 5000 Gateway card compatibility with the main cabinet

The main cabinet of X Series Mitel 5000 systems can receive any type of cards:

Item	Description	Minimum technical status	Optimum technical status
CLX cards	PT2X (***)	HJ4724AA01(*)	BHJ4724CG01 or BHJ4724CH01
	LT2X		BHJ4738AC02
	LT2N		AHJ0070AE02
	LD4NX	HJ4699AK02(*)	BHJ4699AM03
	LD4T	AHJ0071AA02	AHJ0071AB02
	CA1X		BHJ4722AA01
	CS1		BHJ4720AA01
Equipment cards	LA16X		BHJ4431AB04
	LA 16X-8		BHJ4431BB03
	LN16X (version xx01)	HJ4475AB01	Unavailable (**)
	LN16X (version xx04)	HJ4475AC04	HJ4475AD04 (**)
	LN16X-8 (version xx04)	HJ4475BB04	HJ4475BC04 (**)
	DL8	BHJ0042BA04	BHJ0042BB04
	DL16	BHJ0042AA04	BHJ0042AB04
	LH16X		BHJ4830AD03
	LH16X-8		BHJ4830BD03
	LM8X		BHJ4726AA02
	LR4X		BHJ4717FD01
	LI1X		BHJ4718AB01
Daughter cards	EIP-4	AHJ0022CC01	AHJ0022CC01
	EIP-8	AHJ0022BB01	AHJ0022BC01
	EIP-32	AHJ0022AB01	AHJ0022AC01
	EIP-64	AHJ0022DC01	AHJ0022DC01
	ADPCM16		HJ4399AD02
	VOIP4E16 (***)		HJ4449BD02
	VOIP4E32 (***)		HJ4449AB02

No MUM card on MiVoice 5000

(*) Boot of the card to be replaced according to Section 4.6.

(**) Optimum technical condition for proper deployment of TDM terminals in the event of heavy traffic on loaded gateways.

(***) From R7.0 on PT2 and VOIP cards are not supported: see §1.4.

For the other cards (CLX) or equipment cards, it is advisable to refer to the latest applicable technical status.

All expansion cards in stock format cannot be used with Mitel 5000 X series systems.

The other existing cards cannot be used.

4.2. Compatibility with expansion cabinets

The expansion cabinets of Mitel 5000 X series systems can only receive the following expansion cards:

Item	Description
Equipment cards	LA16X
	LN16X
	DL 8
	DL16
	LN16X-8
	LH16X
	LH8, LH8X

For these equipment cards, it is advisable to see the latest applicable technical status.

4.3. Mitel 500 card compatibility

Cards which can be used in a Mitel 500:

Item	Description	Minimum technical status
LAQ	48 analogue terminal cards	AHJ0006AD02
LAE	32 analogue terminal cards	HJ3806PF05
LAH	32 analogue hotel terminal card (lamp)	HJ4068ND01
LAF	16 analogue terminal cards	HJ3944PD04
LNQ	48 digital terminal cards	AHJ0003AG02
LAJ	32 digital terminal cards	HJ3739NJ08
LAK	16 digital terminal cards (AVA)	HJ3949NJ08
LIE	TL + RON/TRON or 50Hz (2/4-wire) Colisee card	HJ3930NF01
LRF	8 analogue network trunk + doc + plug kit	HJ4192ND03
FTXA	50Hz charges detector	HJ2817A
FTXC	12 KHz/16 KHz charges detector	HJ2818A
LDS-A	16 DECT RFP T0 / S0 / Interfaces	HJ4049NR02
LDS-B	8 DECT RFP T0 / S0 / Interfaces	HJ4049PR02
ADPCM32	Daughter card for LDS card for eight 4-channel DECT RFPs	HJ4402AC01
LDT-A	16 DECT RFP T0 / S0 / Interfaces	HJ4758NI02
LDT-B 8	DECT RFP T0 / S0 / Interfaces	HJ4758PI02
ADPCM32B	Daughter card for LDT card for eight 4-channel DECT RFPs	HJ4402B
LRN	1 or 2 PCMs	HJ2655NC01
ADQ	Primary flow rate 1T2 or 1S2 or 1T1 or 1PCM access card	HJ3948NJ03
ADQ2	Primary flow rate 2T2 or 1S2 or 2T1 or 1PCM access card	HJ3948PJ03
PVI	10/100 T base Ethernet interface	HJ4179NK01
VOIP 4E-8 (***)	VOIP card for PT2 and PVI - channels	HJ4449CC01
VOIP 4E-16 (***)	VOIP card for PT2 and PVI - 16 IP channels	HJ4449BC01
VOIP 4E-32 (***)	VOIP card for PT2 and PVI - 32 channels	HJ4449AB01
VOIP4-8 (***)	VOIP card for PT2 and PVI - 8 channels	HJ4256FB01
VOIP4-16 (***)	VOIP card for PT2 and PVI - 16 IP channels	HJ4256EB01
VOIP4-32 (***)	VOIP card for PT2 and PVI - 32 channels	HJ4256DB01

(***) From R7.0 on PT2 and VOIP cards are not supported: see §1.4.

4.4. Card and power supply compatibility with digital terminals MiVoice 53xx

It is necessary to check the compatibility of the technical statuses of cards LN16X, LN16X-8, LN8, LM8, EXT1S, EXT1S-12, and EXT1S-6 before connecting digital terminals MiVoice 53xx.

Remark: card LN8 is no longer compatible as of R5.2.

Table of card compatibility with digital terminals MiVoice 53xx

Name	Reference	Compatibility	Number of terminals supported
LN16X	IT1 HJ4475AB01(RJ45)	YES	6 digital MiVoice 53xx terminals
	IT2 HJ4475AB02(RJ45) IT2 HJ4475AB03(RJ45) IT2 HJ4475AB04(RJ45)	NO	
	IT2 HJ4475AC04 (RJ45) or higher	YES	6 digital MiVoice 53xx terminals
LN16X-8	HJ4475BA01(RJ45) HJ4475BA02(RJ45) HJ4475BA03(RJ45) HJ4475BA04(RJ45)	NO	
	Above or equal to HJ4475BB04(RJ45)	YES	3 digital MiVoice 53xx terminals
LN8	All the references	NO	
LM8	HJ2781BE04 optimum status HJ2781BD04 Minimum status	YES	4 digital MiVoice 53xx terminals and 4 analogue terminals
	All references earlier than HJ2781BD04	NO	CDR exchange (subject to availability)
EXT1S EXT1S-12 EXT1S-6	AHJ0027A AHJ0027B AHJ0027C	YES	
EXT1S EXT1S-12 EXT1S-6	AHJ0027AC02 AHJ0027BC02 AHJ0027CB01	Optimum statuses	3 digital MiVoice 53xx terminals 4 digital MiVoice 53xx terminals 2 digital MiVoice 53xx terminals
DL8 DL16	BHJ0042BB04 BHJ0042AB04	Optimum statuses	3 digital MiVoice 53xx terminals 6 digital MiVoice 53xx terminals
EXT2S EXT2S-6R EXT2S-6 EXT2S-12R EXT2S-12	BHJ0057AB02 BHJ0057ED02 BHJ0057CB02 BHJ0057DE02 BHJ0057BB02	Optimum statuses	3 digital MiVoice 53xx terminals 2 digital MiVoice 53xx terminals 2 digital MiVoice 53xx terminals 4 digital MiVoice 53xx terminals 4 digital MiVoice 53xx terminals

Incompatible cards must be replaced in the CDR (subject to availability).

The limitation on the number of digital TDM terminals MiVoice 53xx is given below:

- No limitation with the new power modules ADS150 and ADS350, be it for the basic cabinet or expansion cabinet of Mitel 5000 XS/XL/XD.
- with ADS100: limited to 2 LN16 or DL16 cards on the basic cabinet of Mitel 5000 XS.
- with ADS300 and ADS350: limited to 10 LN16 cards in the basic cabinet, 14 LN16 or DL16 cards in the expansion cabinets.

4.5. Technical status of cards

Name	Minimum technical status	Optimum technical status
Mitel 5000 XS		
UCV1S (***)	AHJ0029AG01	AHJ0029AM01
UCV2C	BHJ0062AC02	BHJ0062AH02
UCV2S	BHJ0063AC02	BHJ0063AK02
Power module ADS150X	BHR0119BB02	BHR0119BD02
Power module ADS150N	5601006301RA02	5601006301RA06
EXT1S card for Mitel 5000 XS	AHJ0027AC02	AHJ0027AE02
EXT1S-12 card for Mitel 5000 XS-12	AHJ0027BC02	AHJ0027BE02
EXT1S-6 card for Mitel 5000 XS-6	AHJ0027CB01	AHJ0027CD01
Card RUCV1S	AHJ0031BD01	AHJ0031BE01
EXT2S	BHJ0057AA02	BHJ0057AB02
EXT2S-6R	BHJ0057EA02	BHJ0057ED02
EXT2S-6	BHJ0057CA02	BHJ0057CB02
EXT2S-12R	BHJ0057DA02	BHJ0057DE02
EXT2S-12	BHJ0057BA02	BHJ0057BB02
Mitel 5000 XL		
UCV1L (***)	AHJ0021AG02	AHJ0021AL02
UCV2L	BHJ0065AD02	BHJ0065AJ02
Card RUCV1L	AHJ0031AD01	AHJ0031AD01
Power module ADS350XL	AHJ0036AD01	AHJ0036AH01
Mitel 5000 XD		
UCV1D (***)	BHJ0032AE01	AHJ0032AH01
UCV2D	BHJ0032BA01	AHJ0032BM01
Card IUCVD	BHJ4855AC03	BHJ4855AC03
Card RUCVD	BHJ4856AD03	BHJ4856AD03
Power module ADS350XD	AHJ0033AF02	AHJ0033AK02
Mitel 500 FPHBG/2		
USV-50-S		BHJ0043AH01
CUSV-50-G/		BHJ0046AA01
ADS 550 power supply		HR7114AC01
ADS 850 power supply		AHR0047AC02
Mitel 500 FPT30/B FPD30/B		
USV-50-G		BHJ0044AJ01
CUSV-50-S/		BHJ0047AB01
ACSUSV		BHJ0053AA01
ADS 550 power supply		HR7114AC01
ADS 850 power supply		AHR0047AC02
Mitel 500 FPS/FPG		
USV-500		BHJ0040AH01
CUSV-500		BHJ0045AA02
ACSUSV		BHJ0053AA01
ADS 850 power supply		AHR0047AC02

(***) See §1.4.

4.6. Software compatibility (optimum version) of MiV5000 cards

CPU card boot	
Mitel 5000 XS: UCV1S (***)	Boot 11AC
Mitel 5000 XS: UCV2C	Boot 1.3A7
Mitel 5000 XS: UCV2S	Boot 1.3A7
Mitel 5000 XL: UCV1L (***)	Boot 11AC
Mitel 5000 XL: UCV2L	Boot 1.3A7
Mitel 5000 XD: UCV1D (***)	Boot 11AC
Mitel 5000 XD: UCV2D	Boot 1.3A7
USV-50-S	Boot 1.3A7
USV-50-G	Boot 1.3A7
USV-500	Boot 1.3A7
Card boots	
CA1	21A3
CP1	21A5
CS1	21A3
LD4X	21A8
LD4NX	11B3
LD4T	1.1A2
LT2	21A4
LT2N	1.1A3
PT2 (***)	52A9
Digital terminals	
M725	52A5 boot 32A2
M 740	52B1 boot 32A2
M760	51B1 boot 32A2
M 780	42A1 boot 42A1
MiVoice 6753	53 A2
MiVoice 6755	54 A5 boot 54 A3
MiVoice 6757	54 A5 boot 54 A3
MiVoice 5361, MiVoice 5370, MiVoice 5380	2.60.3.3 Boot 2 50 24 07 or Boot 03.10.06.03
IP terminals	
i740	62 A6 boot 52 A0
i760	51 B1 boot 32 A2
i780	42 A1 boot 42 A1
IP cartridge	6.2A5 boot 5.2A0

(***) See §1.4

Note: terminals M520 and M640 are exposed on the test resources (simple functions used) but are not subject to test campaigns.