

# Small Medium Business Controller (SMBC) for MiVoice Business



## Communications Solution for Small Businesses or Branch Offices

### Key Features

- For up to 150 users
- Enables all MiVoice Business calling and voicemail features
- Enables collaboration application such as Micollab, MiTeam Meetings, Microsoft Teams integration, Mitel Revolution
- Optionally supports integrated MiVoice Border Gateway for Functions such as SIP Trunking and Teleworker
- Supports integrated CloudLink Gateway
- Supports integrated probe for Mitel Performance Analytics (MPA) included with subscription option
- Powerful and future-ready for customer investment protection



### Mitel SMBC – New Common Platform

The Mitel SMB Controller is a communication server platform that perfectly addresses the smaller customer or branch office segment for the MiVoice Business solution and offers a growth potential for up to 150 users.

The display elements are arranged so that they remain visible whatever the installation position. The communication server can be expanded using interface cards and system modules.

Enterprise-level features in a small business package. The perfect solution for customers previously on MiVO250 and MiVoice Connect.

## Positioning

Applications range from small offices and branches to small and medium-sized companies. Up to 150 users with an average of 3 devices each can be supported on the communication server.

## End Users

Thanks to the open standards, different types of end-user devices, Mitel's as well as and third-party's, can be connected and operated on the communication server: IP or SIP-based, cordless, analog, as well as mobile/external phones.

## Basic System

The Mitel SMBC basic system consists of:

- Mainboard with Quad Core CPU/memory module
- Desk-, wall- or rack-mount metal housing with detachable plastic cover
- 6 x FXS ports
- 4 slots for expansion cards
- 3 x GigE
- Fitted cooling fan
- Power supply unit

## System Capacity

The basic system can be expanded using interface cards, system modules and licenses. The expansion possibilities available and the maximum system capacities need to be known so the communications system can be ideally adapted to customer requirements.

## Interfaces, Display and Control Elements

The following mainboard interfaces can be accessed only when the housing cover of the communication server is open:

<b>Interfaces</b>	<b>SMBC</b>
Slots for interface cards	4
Slots for DSP modules (up to 3 DSP modules can be stacked)	1
Slot for CPU module (equipped)	1

The following interfaces, display and control elements of the mainboard are routed to the front panel:

<b>Interfaces</b>	<b>SMBC</b>
FXS terminal interfaces (onboard)	6
Ethernet interfaces 1Gbit/s (LAN)	3
RJ45 sockets for interface cards	16
RJ45 sockets on front panel, total	25
Supply input	1
Control button	1

## Media Resources

Media resources are used for complex signal processing functions and made available by DSP chips (Digital Signal Processor). They provide functions for conference circuits, DTMF sender and receiver, compression of voice data, etc.

A DSP chip is fitted on the mainboard.

Up to 3 additional DSP modules (minimum one) can be added.

## Expansion Cards

- Trunk: 2-port FXO, 4-port FXO
- Stations: 4-port FXS

## Dimensions

- Height: 2.5 inches (65 mm)  
(wall- & rack-mounted)
- Width: 14.2 inches (360 mm)  
(wall- mounted)  
and 19 inches (483 mm)  
(rack- mounted)
- Depth: 11.6 inches (294 mm)  
(wall- & rack-mounted)

## System Capacity

<i>Users / Phones</i>	<i>SMBC</i>
<i>Users (average 3 devices per user)</i>	<i>150</i>
<i>Max. endpoints</i>	<i>600</i>
<i>Analog phones</i>	<i>22</i>
<i>Analog trunks</i>	<i>16</i>
<i>Max. #of 6900 sets</i>	<i>300</i>
<i>Max. # of SIP endpoints</i>	<i>300</i>

<i>Audio Service</i>	<i>SMBC</i>
<i>Voice Mail channels</i>	<i>16</i>
<i>Voice Mail capacity</i>	<i>450 hours (130 with backup)</i>
<i>Call recording channels</i>	<i>16</i>
<i>Auto-Attendant channels max.</i>	<i>16</i>
<i>Conference Bridge Capacity (no. of conferences by max. number of users per conf.)</i>	<i>10 by 8* with a max of 30 conferees</i>
<i>Channels to stream "music on hold"</i>	<i>5</i>
<i>Ethernet to TDM channels</i>	<i>50 (G.711 only) 30 (if G.729)</i>

\* requires MiVB 10.0 SP1,



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