

# Mitel 5000 Gateways

## Multimedia Communications server

Open standards, performance, flexibility and security are the foundations your MiVoice 5000 Gateways.

Composed of Mitel 5000 XS, XS and XL, it responds to two types of configurations:

- For independent and standalone architectures, the Mitel 5000 XS, XL et XD are used as all-in-one communication.
- For networking and centralisation needs, IP call processing is centralised in Mitel 5000, whereas XS, XL or XD serve as media gateways and local backup in case of a network failure.

Mitel offers modular VoIP systems capable of adapting to all site sizes and configurations.

## Benefits of Mitel 5000 X Series range

- Multimedia unified communications solution: voice, video and fax..
- Enhanced terminals:
  - MiVoice Conference/Video Phone
  - MiCollab client, Web Client MiCollab with Web softphone
  - Mitel 6700/6800 SIP Phone range
  - Mitel 5300 IP Phone Terminals
  - Mitel SIP-DECT SIP-DECT on Mitel 600d/602d DECT Phone, service Data
- Embedded SIP interface, for voice and video terminals, applications and carriers access.
- Calls from your PC with the Click to Call MiCollab Suite.
- Unified messaging: voice messages may be managed from the e-mail system.
- Five simultaneous languages for multilingual users.
- OpenLDAP directory, synchronisable with a company directory: Microsoft Active Directory, LDAP or any other directory.
- Management portal: in standalone mode, all Mitel 5000 Gateways management and administration applications are integrated into this web portal.
- DHCP, FTP and NTP integrated servers which automate configuration and update SIP DECT sets and base stations.
- Linux operating system making it possible to integrate market standards.
- Numerous interfaces for third party applications integration as well as in your company's Information System (SIP, CSTA, XML, SNMP, etc.).
- Over 500 telephony functions that meet your needs: integrated voicemail, interactive voice response, automatic call distribution (ACD), answering hunt-group management, etc.



Mitel 5000 XD



Mitel 5000 XL



Mitel 5000 XS / Mitel 5000 XS12



Mitel 5000 XS6

A GREEN SOLUTION:

Low-power consumption, Power saving mode\*

## SIMPLIFIED ADMINISTRATION

All administration functions are embedded into Mitel 5000 Gateways (X Series). System management is made via a secure web interface (https protocol).

This web portal includes:

- Installation and configuration functions: LDAP directory, voicemail, IVR, DHCP and FTP servers for terminals, etc.
- Configuration management: software and hardware inventory (including terminals), update, software and configuration backup/restore, as well as user, terminals and programmable keys management, etc.
- Security management: user rights, operator account and profile, key management.
- Anomaly management: alarm filtering and routing, log, SNMP traps, etc.
- Performance management: services status, software and hardware resources status.

## REINFORCED SECURITY

Integrity and security of Mitel 5000 Gateways (X Series) are enhanced through compliance with industry standards and the all-in-one integration offered by Mitel 5000:

- Service continuity guaranteed via server redundancy.
- Hardware redundancy for Mitel 5000 XD.
- LAN access redundancy.
- IP terminals secured through the dual homing function.
- Security guaranteed through user authentication and call encryption (voice and signalling).

## APPLICATIONS

- Voice service interfaces (IVR, unified messaging) Office and 365 Skype for Business integration
- Click to Call (Dialer)
- Computer Telephony Integration (CSTA, TAPI or VTI-XML)
- Hotel/hospital services, check-in /check-out, shared phones

## GREETING SERVICES

- Attendant console
- Advanced Call Distribution - ACD
- Telephone hunt groups
- Overflow, assistance

## MOBILITY AND SECURITY

- User login (free seating)
- SIP-DECT or WiFi handover
- User authentication
- Teleworker Mobile client with MiCollab

## PRESENCE AND ONE NUMBER

- Telephone presence management
- Associated sets (one number)

## SIMPLE CALLS

- Emergency call
- Call by name
- Name transmission and display
- Number transmission and display
- Restriction of number display

## COMPLEX CALLS

- Call on hold, alternate
- Transfer, 3-way conference call
- All forwarding types
- Automatic call-back
- Multi-line
- Multi-key, manager key
- Intercom, hunt group management
- Manager / assistant filtering
- Vocal guides

## NETWORK

- IP or TDM networking
- Least Cost Routing
- SIP, ISDN, analogue, QSIG signalling
- SIP Trunk certification with main carriers
- E164 numbers and IP addresses translation
- Flexible homogeneous numbering plan

## QUALITY OF SERVICE

- High audio quality G722
- VLAN, QoS 802.1p/q, DiffServ prioritisation
- Call Admission Control, Voice, Fax and H264 Video
- G.711, G.722, G.729, T38

## SERVICE CONTINUITY

- Server duplication, cluster, Server duplication with Mitel 5000 XD
- Dual homing
- Backup and overflow on ISDN
- Call sustaining with dual CPU and power supply on Mitel 5000 XD

## ADMINISTRATION AND INFORMATION SYSTEM

- Integrated web portal for administration
- LDAP phone directory
- Call tickets for traffic and charging analysis
- Multi-company (resources sharing)
- DHCP server for IP terminals and IP base station configuration
- FTP server for updating IP terminals and IP base stations
- NTP server for IP phone time synchronisation
- SNMP MIB and traps

## POWER SAVING

- Low-power consumption
- Power saving mode for digital sets

MITEL 5000 GATEWAYS CAPACITIES\*

	XS6	XS12	XS	XL	XD
Subscribers	48	138	250	800	800
IP/SIP sets	10	30	250*	500*	500*
Analogue sets	36	56	104	640	704
Digital sets	34	52	104	512	512
Max traditional sets.	38	60	112	640	704
Messaging system access	8	8	8	8	8
IP channels	160	160	160	256	256
DECT base stations	8	8	8	40	40
IP DECT base stations	256	256	256	256	256
Analogue trunk lines	4	4	8	20	20
T0	6	8	14	24	24
T2/S2	0/1	0/1	3	6	6

\* Without encryption mode