

Mitel 5000 Gateways

Communication servers

Open standards, performance, flexibility and security are the foundations of Mitel's MiVoice 5000 Gateways.

Composed of Mitel 5000 XS 12, XD Simplex and XD Duplex, it responds to two types of configurations:

- For independent and standalone architectures, the Mitel 5000 XS and XD are used as all-in-one communication
- For networking and centralisation needs, IP call processing is centralised in a Mitel 5000 Cluster Server, whereas XS 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

- Unified communications solution: voice, video, voicemail to email and IVR
- Enhanced terminals:
 - Mitel 6800 / 6900 SIP phone range
 - Mitel 600d SIP-DECT phones
 - MiVoice 5300 digital phones
 - MiVoice 6970 Conference Phone
 - MiCollab client on mobile phone, PC and Web (MiCollab server required)
- 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 can 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 huntgroup management, etc.



Mitel 5000 XD Simplex / Duplex



Mitel 5000 XS12

SIMPLIFIED ADMINISTRATION

All administration functions are embedded into the 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
- Supervision: alarm filtering and routing, log, SNMP traps, etc.
- Performance management: services status, software and hardware resources status

REINFORCED SECURITY

Integrity and security of the Mitel 5000 Gateways 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)
- 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
- 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 G.722
- VLAN, QoS 802.1p/q, DiffServ prioritisation
- Call Admission Control, Voice, Fax and H264 Video
- G.711, G.722, G.729, T38

SERVICE CONTINUITY

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

POWER SAVING (GREEN SOLUTION)

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

MITEL 5000 XS12 AND XD GATEWAYS' CAPACITIES*

	XS12	XD
Subscribers	250	800
IP/SIP sets	250/125 with TLS*	500*/125 with TLS*
Analogue sets	104	704
Digital sets	100	512
Max traditional sets.	108	704
Messaging system access	8	8
IP channels	160	256
IP DECT base stations	256	256
Analogue trunk lines	8	20
T0	8	24
T2/S2	2	6

* If TLS is active, only 125 phones in total are supported