



MITEL

3000 Communications System (CS)

Today's diverse environments require advanced communications technology to address new and dynamic ways of facilitating a wide range of voice and data needs. The ability to communicate effectively in your busy office demands a reliable and integrated system designed to improve communication over the telephone and the Internet.

Mitel® 3000 communications system delivers a host of leading-edge standards that makes communication more manageable for today's small commercial and large residential settings. Whether you operate a retail business, a multi-branch business, Mitel 3000 offers you a scalable, affordable route to breakthrough technology convergence.

The Mitel 3000 communications system offers:

- A progressive telephone system with all the features and functionality of a traditional multi-line voice solution
- A host of leading-edge standards that will offer voice and data connectivity
- Easy expansion capabilities offering a progression of voice and data options that do not require you to replace your entire phone system
- The ability to connect existing analog equipment including fax, cordless telephones, credit card machines and more
- Remote extension capability—ideal for small, remote or home office—simply connect the Mitel 5120 IP Phone or Mitel 5110 Softphone via the Internet to the Broadband Module for a direct connection to the office phone system. Get all your calls, voice mails and have access to all the system features from anywhere in the world

Mitel 3000 communications system Features

- Account Codes (Forced / Optional)
- Alternative Routing
- Analog Device Support
- Auto Lines Selection (ALS)
- Background Music (External MOH)
- Call Barge
- Caller ID Store
- Call Routing
- Central Bell
- Class of Service
- Courtesy Service
- Day / Night Service
- Emergency (911) Service
- Executive / Secretary Service
- Flexible Numbering
- General Call / Ring All
- Hot Line
- Internal Music-On-Hold
- Language (Prompts can be changed to French or Spanish)
- Least-Cost Routing (LCR)
- Paging (Digital Telephones; Internal / External and Meet Me Page)
- Paired Extensions
- Port Swapping
- SIP DID
- Station Message Detail Recording
- System Hold
- System Programming: Station or PC (local), PC (remote)
- System Speed Dial
- Toll Restriction
- Voice Mail Memos

Telephone Features

- Auto Answer
- Auto Lines Selection (ALS)
- Backlit LCD (on Mitel 4120 Telephone and Mitel 5120 IP Phone)
- Call Back

- Call Duration Display
- Call Forwarding
- Call Park
- Call Pick Up (incoming)
- Call Redirect
- Call Transfer
- Call Waiting (Internal / External)
- Caller ID Store (Name ID / Number ID)
- Camp on Busy
- Green / Red LED
- Conference (3 party)
- Display Messaging
- Do-Not-Disturb (DND)
- Extension Lock
- External Call Hold
- External Forwarding
- Forward All
- Forward on Busy
- Forward on No Answer
- Follow Me
- Headset Capability
- Hold
- Hookflash
- Intercom Call
- Internal Call Waiting
- Line Access
- Microphone Mute
- Page
- PA Announcement
- Page All
- Park
- Parked Call Pick Up
- Personal Speed Dial
- Programmable Soft Keys
- Redial
- Reminder Call
- Ringing / Message Waiting Light
- Room Monitor
- Speaker Phone
- Tone Protection
- User-Programmable Ring Tones
- Volume Controls

Voice Mail Module:

The optional Voice Module provides:

- Call monitor / call screening
- 52 extension voice boxes
- 10 phantom boxes
- 20 group boxes
- 1 general voice mailbox
- Primary / Secondary Greetings
- Auto Attendant (day / night / weekend / temporary)
- Customizable courtesy service
- Record-A-Call
- Remote Message Notification

Broadband Module

The Broadband Module offers an upgrade to existing or new Mitel 3000 installations providing a host of Data Applications and allowing the Mitel 3000 to host IP based extensions both on the LAN and the WAN. Using the Broadband Module with the Mitel 3000 allows system connectivity for up to 12 IP extensions from anywhere in the world* or up to 12 VoIP lines for further line capacity and cheaper calls. Customers can also choose to have a mixture of IP extensions and VoIP lines—the maximum combined number being 12 in total. In addition, the Broadband Module supports Unified Communications which allows customers to streamline their business communications using Unified Messaging, Click to Dial and the Mitel 5110 Softphone.

The Broadband Module also incorporates

- An integrated ADSL Modem with: G. 992.1, G. 992.1, G994.1 and ANSI T1.413 PPP, PPPoA, PPPoE and RFC 1483 support PAP, CHAP and IPCP
- An integrated Router and LAN Switch
 - 1 x 10 Base T WAN Ethernet Port
 - 4 x 100 Base T Full-duplex Auto sensing LAN Switch Ports

*NOTE: To connect IP Endpoints from remote locations, the Broadband Module must have a Static Public IP Address.

Additional Router Services Supported

- DHCP Server
- DHCP Client
- DNS Relay
- Static Routing
- Dynamic Routing
- Virtual Server
- DMZ Host Port
- NAT
- Reverse NAT

Firewall

- Stateful Inspection Firewall
- Pre Configured Rule sets
- Intrusion Detection Service (IDS)
- Denial of Service protection (DOS)
- Alarm event logging and generation

Diagnostics

A wide suite of diagnostic tools are provided to enable Remote diagnostics of routing issues. The VoIP gateway supports the following protocols:

- TCP (RFC 793)
- UDP (RFC 768)
- RTP (RFC 1889)
- SIP (RFC 3261)
- SDP (RFC 2327)

The following codecs are available to each channel:

- G.711 (64 kb/s) A-Law
- G.711 (64 kb/s) U-Law.
- G.729 A/B (8 kb/s)

Wireless LAN 802.11g Access Point

- Supporting 100 devices
- Supporting WEP and WPA Authentication
- Supporting MAC Address control
- Upgrade path for WME and 802.11e WLAN QoS

Additional Options

- Battery Backup (requires only internal battery)
- Door Phone
- Doorstrike
- External Music-On-Hold
- Hearing Aid Compatible Headset



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