

MITEL

Inter-Tel® 5000 Series IP Communication Solutions



Today's IP-centric communications platform

In today's competitive business environment, you understand the need to optimise the performance of your organisation by utilising technology that allows you to operate more effectively. Voice over IP (VoIP) can add value to your organisation, and with Mitel's latest product offering you have a system that considers your unique business requirements, allowing you to deploy VoIP technology efficiently, effectively and successfully.



Inter-Tel 5000 Series IP Communication Solutions...

Inter-Tel 5000 Series IP Communication Solutions for Small and Medium Businesses:

Combining your voice system and your data network affords you the cost-effective and competitive edge your business needs to succeed.

The Inter-Tel 5000 Series IP communication platform offers a network-centric communications solution that allows you to join geographically dispersed associates and multi-site locations. Whether you are connecting offices and applications together over a data network, or deploying IP endpoints to employees in or out of the office, all your employees have access to the same system features as if they were located in your central office.

Additionally, the Inter-Tel 5000 IP communications platform supports multiple software applications. The results are operational efficiencies and a foundation for a more flexible infrastructure.

... leverage the best of new technology including network architecture, IP and application standards.

... provide IP and digital technology options and applications support.

... offer initial investment and long-term costs benefits including mobility; enhanced customer care; and seamless, multi-site IP network connectivity.

... are easy to implement and support through system compatibility and migration options; and centralised, network-based administration.

... improve the efficiency of internal and external communications and employee responsiveness to business.



The Inter-Tel CS-5600 Communication Server supports up to 250 IP and 96 digital devices.

Business Communications redefined

The Inter-Tel 5000 IP communications platform consists of three primary systems (CS-5200, CS-5400 and CS-5600) that can transparently network up to 99 different locations. Each server is equipped and licensed for networking 'out of the box' and networking capacities can be easily expanded with a one-time licence. Additionally, if you want to network to other systems over IP, this system requires no additional hardware or licensing.

The CS-5000 chassis provides three bays allowing for internal expansion modules to be added. Primary Rate is added via the Dual PRI or PRI modules, Basic Rate is added via the BRM module. Four analogue extensions can be added with the SLM-4. For solutions requiring more than four analogue extensions, a Digital Expansion Interface (DEI) is required.



The Inter-Tel CS-5200 is designed for the small business, offering built-in support for up to 75 IP devices, 96 digital devices and up to eight ports of basic voicemail, as well as system networking over IP or E-1 for seamless connectivity within a multi-site environment.



The Inter-Tel CS-5400 is designed for the larger customer requiring up to 175 IP, 96 digital devices and up to eight ports of basic voicemail. The Inter-Tel CS-5400 is built on an Inter-Tel CS-5200 through an upgraded expansion card that is installed on the existing processor.



The Inter-Tel CS-5600 increases the capacity of the CS-5400 to support up to 250* IP devices, 96 digital devices, up to 16 ports of basic voicemail and the same expansion modules as the other servers in the series. Networking is also included for growth up to 99 nodes or 20,000+ users.

*Maximum number of supported IP devices is determined by system configuration.

Front View

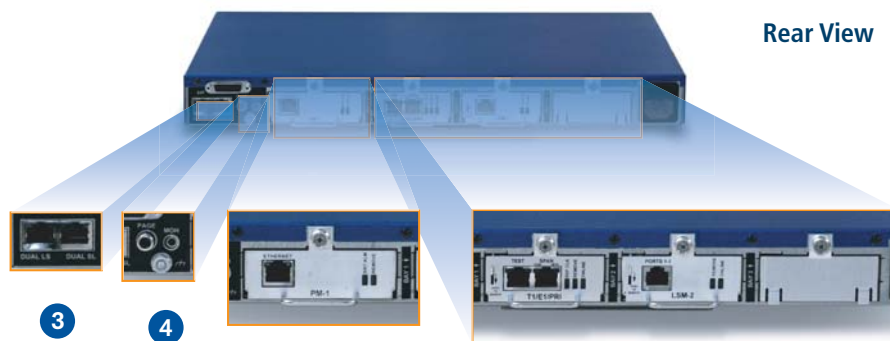


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Inter-Tel CS-5200, CS-5400 and CS-5600 communication servers may be networked with an existing Mitel® Axxess® communications system, offering backwards migration compatibility and expansion of IP networking.

Rear View



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Front View

- 1 Display Panel
- 2 Compact Flash Storage & USB Connectivity

Rear View

- 3 Analogue Trunk Ports & Analogue Single Line Extensions
- 4 Paging & Music-On-Hold (MOH)
- 5 Processor Module
- 6 Modular Expansion Bays

Views shown are of a CS-5200/CS-5400 chassis

Industry Leading Features & Functionality

Digital and Analogue Support

Digital or analogue extensions are provided by the Digital Expansion Interface (DEI). The DEI has three module bays that can each accommodate either a 16 extension Digital Endpoint Module (DEM-16) or an 8 extension Single Line Module (SLM-8). This provides up to 48 digital or 24 analogue extensions per DEI and up to 2 DEIs can be added to a system giving a total capacity of either 96 digital or 48 analogue extensions.

Digital Handsets

Today's dynamic communications landscape requires multi-device options - from desktop phones to handheld PDAs, laptops and wireless devices. Mitel extends its market leading applications performance to its wide range of flexible, mobile and easy to use communications handsets. Regardless of location, the user has the same functionality and access to system features as if they were at their desk in the office.

Multi-protocol Handsets

The S8622 Standard and S8662 Executive multi-protocol phones are designed to operate on converged IP networks, such as the internet and corporate LANs/WANs in order to facilitate flexible working and remote office applications. Additionally, SIP mode enables IP phones to interoperate with third-party SIP solutions.

The Inter-Tel CS-5200, CS-5400 and CS-5600 offer:

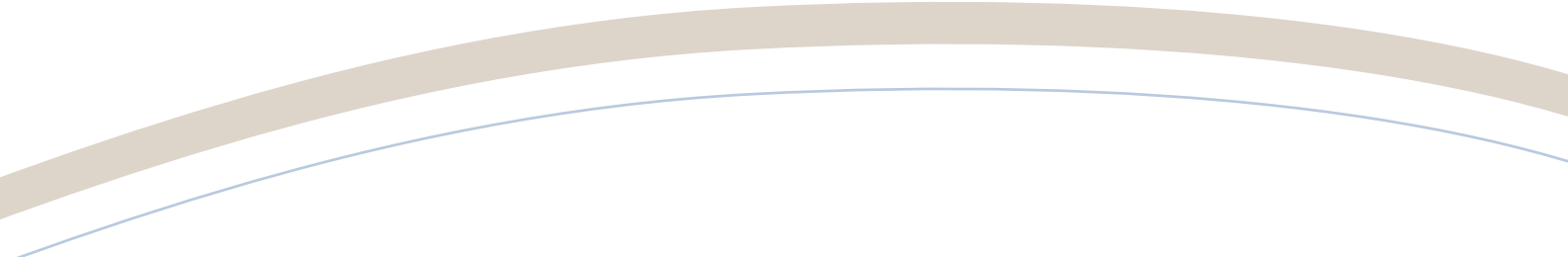
- Support for Mitel and third-party software applications
- Support for the S8000 series IP and wireless devices
- Built in four port basic voicemail (upgradeable) with basic Unified Messaging
- Two built-in analogue trunk ports
- Two built-in analogue extension ports
- Three module bays allow for internal expansion and can be used in any combination:
 - The Dual PRI and PRI modules can be used to connect to Primary Rate services, providing a trunk capacity of 180 or 90 ports respectively. Both modules are capable of networking other Inter-Tel CS-5000 Servers.
 - Analogue exchange line module enables connectivity of two or four PSTN exchange lines.
 - Analogue extension module providing 4 ports (SLM-4). Maximum of one per chassis.
 - Basic Rate connectivity through the Basic Rate Module (BRM).
- Built in modem for remote diagnostics and programming

The Inter-Tel Digital Expansion Interface (DEI) Offers:


- Three modular bays that each accept an expansion module (DEM-16 or SLM-8)
- Support for Inter-Tel 8000 Series digital handsets

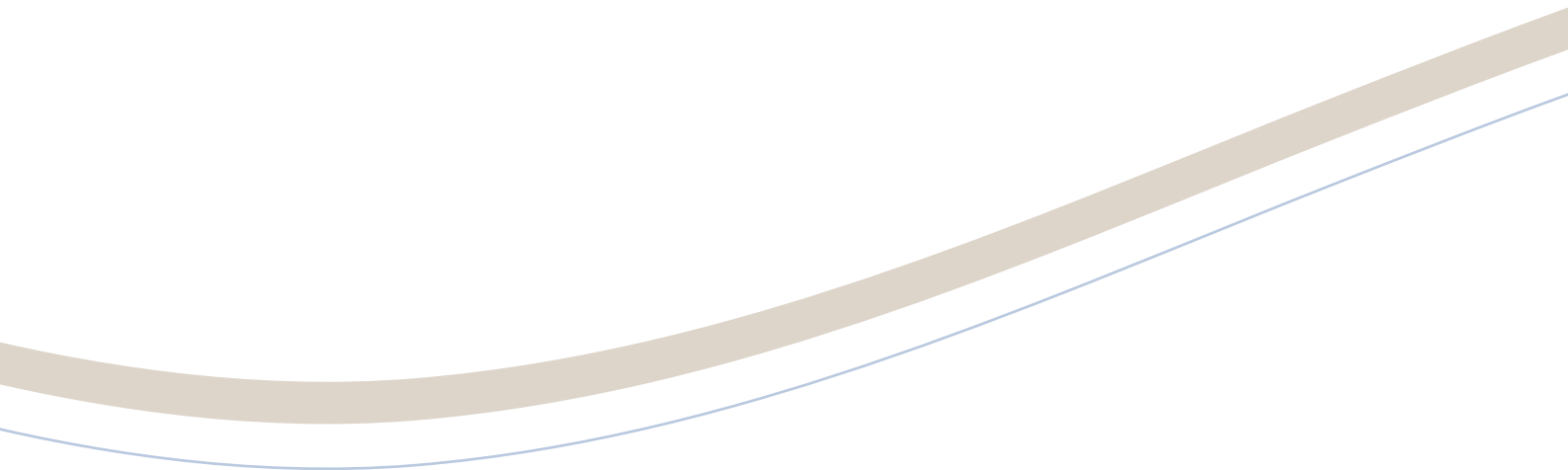
Inter-Tel 5000 Series industry standard support:

- Session Initiation Protocol (SIP)
- IEEE Standards 802.11b and 802.3af
- ITU Standards G.711, G.729a/b and T.38
- CT Enablers:
 - Open Architecture Interface (OAI)
 - TAPI Service Provider



Companies don't make decisions, people do. That is why Mitel is leading the way toward a new and more personalised approach to communications for enterprise and small business. Our innovative solutions, applications and desktop appliances enable you to access, process and control your communications and information naturally, simply and efficiently. Our solutions allow you to collaborate over distance and time and to interact with your customers, colleagues and partners as never before. By combining the power of voice, data and video over converged high speed networks, Mitel provides you with flexible and personalised tools that let you leverage the latest advances for personal and organisational advantage.





Global Headquarters	U.S.	EMEA	CALA	Asia Pacific
Tel: +1(613) 592-2122	Tel: +1(480) 961-9000	Tel: +44(0)1291-430000	Tel: +1(613) 592-2122	Tel: +852 2508 9780
Fax: +1(613) 592-4784	Fax: +1(480) 961-1370	Fax: +44(0)1291-430400	Fax: +1(613) 592-7825	Fax: +852 2508 9232

www.mitel.com

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