



Inter-Tel 5000 Series IP Communication Solutions



*Flexible
solutions for
evolving
businesses*

Inter-Tel 5000 Series



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 Inter-Tel'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 Network Communications 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 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.



CS-5200/CS-5400 Communications Server

The Inter-Tel 5000 Series IP Communication Solutions...

- ... 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 CS-5600 Communication Server supports up to 250 IP and 96 Digital Endpoints

Networking Made Easy



Inter-Tel 5000 Network Solutions:

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 or Basic rate is added via the PRI or BRM modules respectively. Four analogue extensions can be added with the SLM-4. For solutions requiring more than four analogue extensions, a Digital Expansion Interface is required.

Digital Expansion Interface (DEI)



Digital and Analogue Support

Digital or analogue extensions are provided by Inter-Tel's 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.

FAST FACT...

The Inter-Tel 5000 is a family of IP-centric communications server products built on an advanced hardware architecture that optimises the latest in VoIP technology, while leveraging Inter-Tel's long history of feature development and 35 years of industry experience.

The Inter-Tel CS-5200 is designed for the small business, offering built-in support for up to 75 IP endpoints, 96 digital endpoints and up to eight ports of built-in voice mail, 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 and 96 digital endpoints. 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 functionality of the CS-5400 to support up to 250 IP endpoints, 96 digital endpoints, 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.



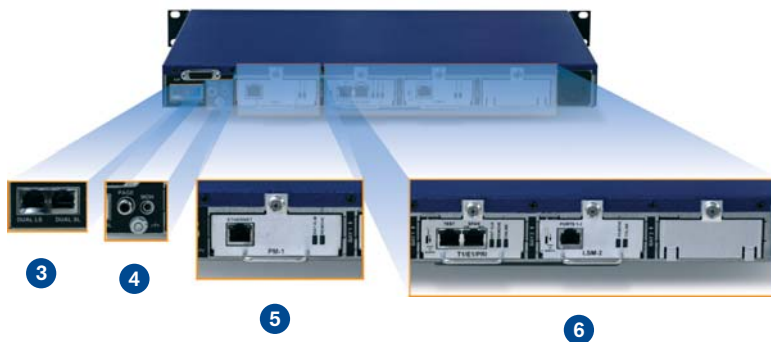
S8000 Multiprotocol Endpoints

In Detail



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

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

- Support for Inter-Tel and third party software applications, for example CTI.
- Support for Inter-Tel S8000 Series IP and wireless endpoints.
- 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:
 - PRI Module can be used to connect to other Inter-Tel CS-5000 Servers or to Primary Rate services.
 - 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 a single line adapter allowing for two analogue endpoints to connect as separate extensions using a single digital port.
- Support for Inter-Tel 8000 Series digital endpoints

Inter-Tel supports the following standards:

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





Grange Park Court
Roman Way
Northampton
NN4 5EA

T: +44 (0) 845 271 9100

F: +44 (0) 845 271 9101

E: info@inter-telemea.com

www.inter-tel.com/emea

