



Business. Conferencing. Solutions.

Spectel 7000

Highlights



Spectel 7000 Shelf

- ❖ NT-BASED
- ❖ SCALABLE FROM 24-1680 T1 AND 30 - 2100 E1 PORTS PER PLATFORM
- ❖ SECURE AND RELIABLE
- ❖ DYNAMIC, MODULAR ARCHITECTURE
- ❖ OPERATOR ATTENDED AND UNATTENDED ON ONE PLATFORM

A modular, multimedia platform for every conferencing need

The Spectel 7000 provides the foundation for a complete multimedia conferencing solution. This highly scalable integrated conferencing platform provides unique capability for multiple conference types including voice, data and Web conferencing. An NT-based platform, the Spectel 7000 supports reserved, reservation-less, operator attended and unattended conferences on a single platform. The Spectel 7000 platform is network-agnostic, connecting to packet switched and/or circuit switched networks.

This market-leading platform boasts a dynamic, modular architecture that supports from 24 to 1680 T1 or 30 to 2100 E1 ports, or simultaneous users. With the Spectel MultiSite application, up to 100 platforms can be connected, as needed, creating a single, seamless conferencing platform with up to 100,000 ports.

Packaged with the Spectel Web Portal Application, the Spectel 7000 is a powerful productivity tool that may be accessed from the desktop, laptop or cellular phone, creating a flexible conferencing environment for business users. Users benefit from its ease of use and clear-cut accessibility, while also enjoying multiple levels of conference security. The Spectel Web Portal Application with data conferencing allows conference users to reserve, host, and manage conferences online, generate conference reports, and collaborate with multiple participants.

The Spectel 7000 platform was designed with ultimate flexibility in mind. Its proprietary architecture supports multiple applications that can be bundled to create unique conferencing solutions that meet specific customer requirements—present and future.

Benefits:

❖ Scalable & Flexible

Platform capacity can expand significantly to address user demand. A single 3-shelf chassis can support up to 30 – 900 E1 & PRI ports and 24 – 720 T1 ports. Scalability to 1680 ports is available through optical chassis linking. Scalability to 100,000 ports is available with the Spectel MultiSite application.

❖ Reliable

Full redundancy is available for all system components including shelf CPUs (central processing units), shelf PSUs (power supply units), and system PSUs. The platform is SNMP-enabled to provide remote alarms of system events.

❖ Supports Seamless Voice & Data Collaboration

The robust platform supports integrated voice, data and Web conferencing capabilities through the Spectel Web Portal with data conferencing, allowing users to share documents and presentations and participate in Q&A session. The Spectel 7000 also provides advanced functionality for both moderator and operator control. The platform contains useful management features, including: post-call reporting and billing, roll call, sub-conferencing, cost code capture, email and fax notification, and conference recording and playback via PSTN.

Platform Specifications:

About Spectel

Businesses worldwide rely on Spectel's integrated conferencing solutions to communicate better, faster, and more cost-effectively. Our voice, data and Web platforms, applications, and services are changing how businesses share ideas and information.

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Platform Information

- Echo cancellation
- Automatic Gain Control
- Mix loudest speakers (configurable number)
- Full duplex system
- Digital speech processing
- μ /A law (PCM coding mechanism)
- Adaptive silence detection threshold
- Touchtone detection, generation, and suppression
- Local & Remote Consoles: 46

Network

- E1 ISDN
 - NET5 (= Euro ISDN, Q931) (User/Slave side)
 - E1 Qsig (Master and Slave)
- T1 ISDN
 - N12 Bellcore (User/Slave side)
 - DMS 100 (User/Slave side)
 - 5ESS (User/Slave side)
 - T1 Qsig (Master and Slave)
- T1 Robbed Bit
 - E&M signaling, wink start or delay dial
 - ESF and D4 framing
 - AMI and B8ZS coding methods

Platform Characteristics

- Operating temperatures: 5° C to 40° C (41° F to 104° F)
- Relative humidity: 15% - 80%
- Fire resistance: UL listed
- Storage range: -40° C to 85° C (-40° F to 185° F)
- Power consumption: 140 W per fully loaded shelf
- Input voltage: 255 V AC / -48 V DC
- Shelf voltage: +12 V DC, +5 V DC, -12 V DC

Platform Size

- Weight: 25kg per fully loaded shelf
- Dimensions: Width – 19", Height per shelf – 6U, Depth – 20"

Platform Capacity

- T1: 24 - 720 ports per chassis (1680 with fiber optic connector)
- E1: 30 - 900 ports per chassis (2100 with fiber optic connector)
- NA - ISDN: 23 - 690 ports per chassis (1610 with fiber optic connector)

Platform Features:

Conference Features

- Allows geographically dispersed users- few to thousands- to convene
- Available 24 hours a day, 7 days a week, 365 days a year, globally
- Reserved and reservation-less (on-demand) conferencing available
- Remote and local operation
- Flexible routing via DNIS (DDI)
- Three levels of conference security
- Conference and management reports
- Integrated messaging and IVR (integrated voice response)
- Indexed recording and playback
- 1000+ messages
- Supports multiple languages
- SNMP enabled
- Wireless (WAP) Internet enabled

Conference Entry Security

- Separate moderator & participant codes
- Personal ID number (PIN)
- DNIS/DDI and roll call capabilities

Moderator Web Control

- View participants, talker status, participant details
- Dial-in new participant or list of participants
- Pause conference recording
- Moderator intercept
- Lock/unlock conference
- Hold, mute, disconnect participants

Moderator Touchtone Control

- Dial-in new participant
- Advanced roll call: participant count, intercept caller, disconnect caller, mute caller's line, replay caller's name
- Lock/unlock conference
- Last caller sub-conference
- Mute lines
- Conference recording
- Playback indexing
- Sub-conference hop
- Operator recall
- End conference
- Touchtone (DTMF) reservations

Operator Control with the Spectel BridgeTalk 7000 Application

- Intuitive, icon-driven GUI
- Conference alerts to operator
- Participant management
- Talker status indicator
- Lock/unlock conference
- List dialing
- Sub-conferencing
- Operator summary screen

Participant Touchtone Controls

- Mute own line
- Operator recall
- Sub-conference hop
- Touchtone poll response
- Q&A conference – join/exit queue

Post-Call Features

- Recorded conference playback via PSTN, or streaming via the web
- Participant playback controls: forward & rewind options, volume control, playback indexed sections



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For the latest on Spectel's complete line of conferencing solutions, visit www.spectel.com or contact info@spectel.com

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