

Cisco Press - Cisco TelePresence Fundamentals

Cisco TelePresence? Systems (CTS) create live, face-to-face meeting experiences, providing a breakthrough virtual conferencing and collaboration experience that transcends anything previously achievable by videoconferencing. Although the business case for deploying CTS is compelling, implementing it requires advanced knowledge of the latest networking technologies, an attention to detail, and thorough planning. In this book, four leading CTS technical experts cover everything you need to know to successfully design and deploy CTS in your environment. The authors cover every element of a working CTS solution: video, audio, signaling protocols and call processing, LAN and WAN design, multipoint, security, inter-company connectivity, and much more. They deliver start-to-finish coverage of CTS design for superior availability, QoS support, and security in converged networks. They also present the first chapter-length design guide of its kind detailing the room requirements and recommendations for lighting, acoustics, and ambience within various types of TelePresence rooms. *Cisco Telepresence Fundamentals* is an indispensable resource for all technical professionals tasked with deploying CTS, including netadmins, sysadmins, audio/video specialists, VoIP specialists, and operations staff. This is the only book that:

- Introduces every component of a complete CTS solution and shows how they work together
- Walks through connecting CTS in real-world environments
- Demonstrates how to secure virtual meetings using Cisco firewalls and security protocols
- Includes a full chapter on effective TelePresence room design
- Walks through every aspect of SIP call signaling design, including both single-cluster and intercluster examples for use in a TelePresence environment
- Provides prequalification, room, and network path assessment considerations to help you anticipate and avoid problems

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