



Huawei Enterprise Communications Solution

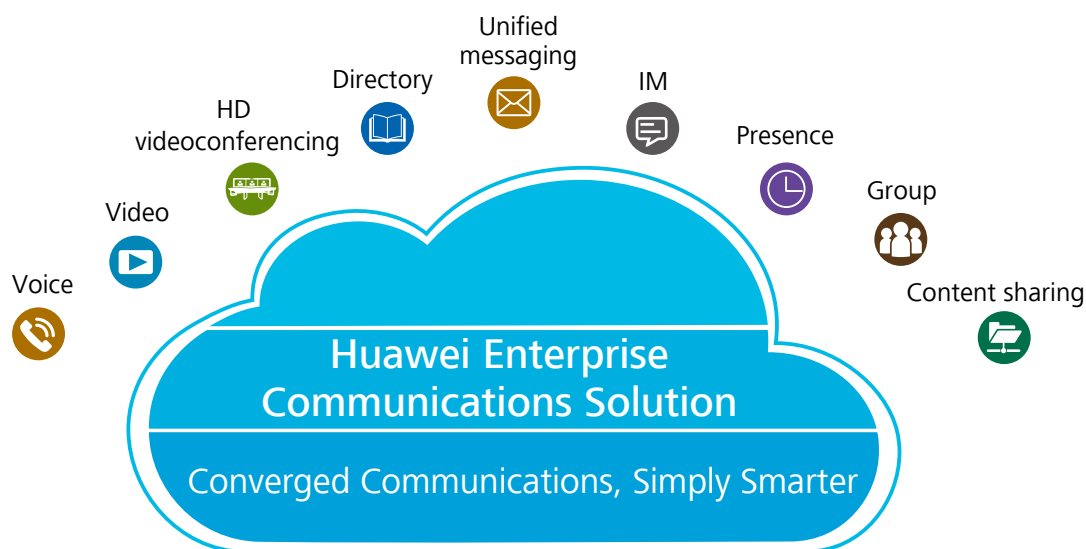


HUAWEI TECHNOLOGIES CO., LTD.



Convergence Makes Enterprise Businesses More Agile

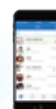
The Huawei Enterprise Communications (EC) solution integrates multiple media capabilities including voice, HD videoconferencing, content sharing, and multimedia to implement IP telephony (IPT), mobile office, and remote collaboration applications for enterprises of all sizes. This solution helps customers build a media-rich communications system needed for more effective communication and collaboration both inside and outside of the enterprise to achieve better business outcomes.



Conference room



Desktop office



Mobile workspace



Huawei EC is user-centric, meaning that it prioritizes user experience. It helps enterprise customers build an efficient, easy-to-use, and easy-to-manage converged communications system that features high reliability and mobility, convenient collaboration, strong security, and easy integration.

Converged Collaboration Creates More Efficient Office

Converged Omnimedia, Easy to Use

Full-service integration for efficient communication

Huawei EC integrates capabilities including voice, video, IM, presence, group, corporate directory, and web collaboration allowing users to enjoy these services at their own convenience, no matter where they are (in the conference room, hotel, office, or at home).

Clients with intuitive user interfaces and comprehensive functions

Users can easily access Huawei Enterprise Communications applications and switch between multiple communication modes (messaging, voice calling, video calling, and multimedia conferencing) using the PC client (Desktop Client) or mobile phone client (Mobile Client). These function-rich endpoints deliver consistent user experience and help users improve their communication experience and work efficiency.

Portable information for uninterrupted communication

The same account can be used to log in to Desktop Client and Mobile Client at the same time. Historical messages and contact information are automatically synchronized between the two, and online messages and offline messages are actively pushed. This ensures consistent information and uninterrupted communication.



Integration of HD Voice, Video, and Content for Efficient Collaboration

HD videoconferencing provides a premium communication experience.

Different types of endpoints, including PCs, mobile phones, IP phones, video phones, and HD video endpoints, can join the same convergent conference, where content can be easily shared. Enterprise employees in different locations can have face-to-face communication with each other through convergent conference, which helps enterprises reduce travel and communication expenses.

Content convergence increases team cooperation.

Sharing documents, PC desktops, whiteboards, or media files in a conference allows participants to easily obtain key information. Asynchronous document browsing allows participants to freely turn pages of a document that the presenter shares. Web-based collaboration extends team cooperation beyond just one enterprise, enabling its partners or customers to collaborate and grow with the enterprise.



High-Quality Communication and Close Collaboration

Users expect smooth communication with high-quality audio and video even if network quality deteriorates. Huawei EC meets user expectations by employing advanced equipment and technologies, such as:

- Opus dynamic codec and Huawei's proprietary NetBrain intelligent voice computing technologies. These technologies enable the system to dynamically adjust transmission bandwidth based on the network quality. Even when the packet loss rate reaches 20%, users can enjoy high-quality voice communication.
- 48 kHz full-band voice codec, which provides crystal-clear audio performance.
- Huawei's full-HD Video Phone 8950, which supports video conferences held on the server. The IP phone can interact with Desktop Client and Mobile Client, allowing for efficient video conferences.



Added Flexibility for Mobile Work Styles

Mobile Client enables users on the move to access office communications applications conveniently and securely, without compromising information security thanks to data encryption. With Mobile Client, users can:

- Place or answer calls and initiate conferences, saving on call fees and reducing mobile office costs.
- Search the corporate directory for desired contacts and view detailed information and current status of these contacts.
- Share rich media information, including audio clips, video clips, pictures, and doodles.
- Join a conference remotely and view content shared on Desktop Client, ensuring that they do not miss any important conferences.



Comprehensive Redundancy and Protection for High Security and Reliability

Five Protection Approaches for Uninterrupted Communication

- Local two-node cluster for redundancy
- N+1 cluster for load balancing
- Remote dual-center and tri-center disaster recovery for call control
- Voice regeneration capabilities provided by branch gateways
- Local switching for analog users

Multi-level Protection for Secure Communication

- End-to-end signaling, media, and data encryption
- Multiple user authentication and authorization mechanisms, ensuring that only authorized users can access the system
- Directory access rights control, protecting sensitive user information



Openness and Convergence Make Businesses More Agile

The Huawei EC system is an open platform with standard software development kit (SDK) interfaces, allowing customers to tailor user interfaces and integrate communications capabilities into their business processes. After integration, when users are going through business processes, they can directly send messages, query the corporate directory and user status, initiate calls or conferences, and conduct other communications tasks. This approach accelerates business processing, increases efficiency, and improves business performance.

In addition, EC can be interconnected with a third-party system such as Microsoft Lync for extending voice, video, and multimedia capabilities.



Intelligent and Easy Management Reduces O&M Costs

Lightweight platform simplifies deployment

Easy installation deployment and unified service provisioning enable quick project delivery, helping enterprises reduce the time to market of new services.

Unified management makes maintenance easier

The Web-based management tool with graphical user interface (GUI) helps centrally manage and monitor all equipment across the entire communications network. This helps enterprises slash network management costs by over 70%, greatly reducing the operating expense (OPEX) for enterprises.

Smooth expansion protects customer investment

Based on the professional system architecture and highly reliable software platform, Huawei EC supports smooth service expansion by utilizing clustering and virtualization deployment, facilitating enterprises' rapid business development.



Success Stories

China Southern Power Grid



Huawei EC solution helped China Southern Power Grid Co., Ltd (CSG) build a "green communication" platform that supports 400,000 users to implement remote collaboration and mobile office, helping improve internal and external communication efficiency.

The communications system is integrated into CSG's business system to implement functions such as emergency command and online training, turning communications capabilities into increased productivity.

Kuwait Burgan Bank



Burgan Bank has enhanced communication efficiency with Huawei's EC solution that enables remote collaboration and mobile office, featuring end-to-end high security, reliability, and scalability.

This standard-compliant, open system integrates converged communications capabilities into the bank's business system, promoting business process optimization and reducing the time to market of new services.

For more information, visit Huawei website or contact your local Huawei sales office.






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