



# Huawei CloudECS Datasheet

## Product Overview

Huawei CloudECS (Cloud Enhanced Communications Suite) provides messaging and presence services for the Cloud Enterprise Communications (CloudEC) solution. It works with CloudUSM (Cloud Unified Session Manager) to provide secure and diverse communications within and outside the enterprises, allowing users to enjoy efficient and borderless collaborative communication any time, any where.

CloudECS has been integrated with Huawei CloudEC client, providing rich functions such as instant messaging, presence, group, file transfer, rich media messaging, and corporate directory. Users can log in to the desktop client and mobile client at the same time. Automatic roaming is supported by history messages and recent chats, which can ensure communication continuity and improve mobile work efficiency.

## Product Highlights

### Cloud-based deployment to simplify O&M

- Supports deployment on Huawei FusionSphere or VMware virtualized platform for unified management, enhancing device utilization.
- Supports On-Premises deployment on the private cloud platform or hosted mode on the public cloud platform, providing customers a unified communications platform.
- Supports the standard x86 general servers, simplifying deployment and protecting customers' investment.

### Service integration and efficient collaboration

- Integrates instant messaging, presence, group, audio, video, and data to facilitate team decision making.
- Online/offline file transmission, efficient information delivery, improving team collaboration.
- Supports history message roaming, mobile messaging, and notification, without missing any important messages.

## Redundancy backup for high reliability

- Supports deployment in two-node cluster mode and dynamic cluster mode for service load sharing.
- Supports two-center deployment for geographic redundancy to ensure service continuity.

## High security and encrypted communications

- Supports encrypted storage and transmission of messages, files, and user data.
- Address book access permissions can be configured to safeguard sensitive user information.

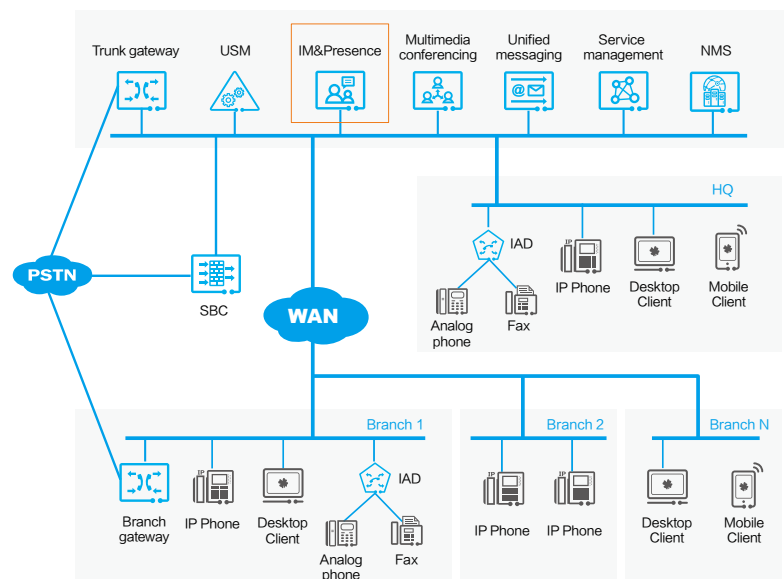
## Openness and Interoperability

- Provides various APIs for functions such as messaging, presence, and group, facilitating to embed communications capabilities into office and production systems to improve enterprise efficiency.
- Supports pre-integration with Outlook, allowing users to view the contact status and initiate a discussion using Outlook anytime, anywhere.

## Typical Application

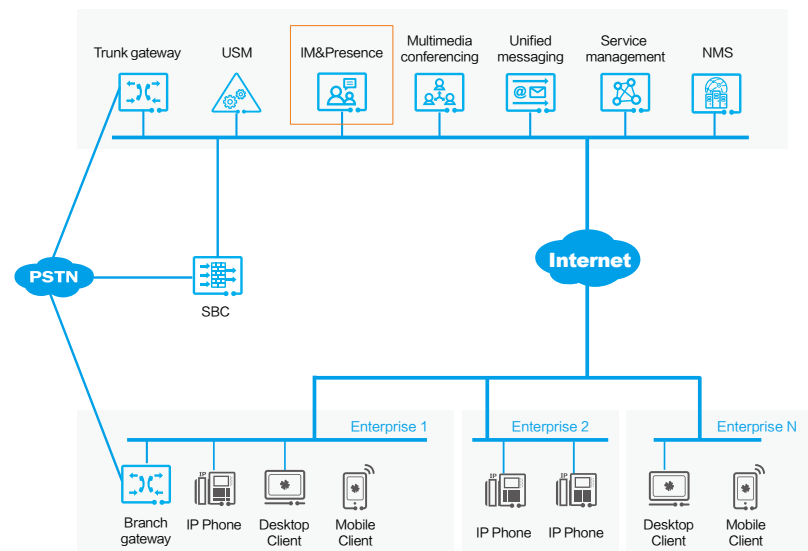
### On-Premises scenario

CloudECS supports various services such as instant messaging, group, and group file sharing for UC users, helping enterprises improve cross-regional collaboration efficiency.



### Hosting scenario

Huawei CloudEC Solution supports hosted deployment. A CloudECS system can provide services of instant message and presence for multiple enterprises.



## Technical Specifications

Parameters	Specifications
User capacity	400,000 UC users; a maximum of 120,000 concurrent online mobile client users
Instant messaging	Message/SMS message sending and receiving, unread message notification, and message push on the mobile client History message storage on servers for message roaming, ensuring information consistency and communication continuity
Presence	Real-time push of user status, profile picture, and signature alteration and regular push of contact information changes
Group	Creating groups (temporary or permanent groups), transferring a temporary group to a permanent one, locking a group, transferring the group administrator rights, and sharing group files
File transfer	Online/offline file transfer on both the desktop and mobile clients and folder transfer between two PC clients The file size, type, and transmission area configurable
Mobile rich media	Fast sharing voice/video clips, doodle, pictures, instant photos, intuitive and efficient
Corporate directory	Corporate directory presented according to organizational structure and access control for information protection
Personal directory	Contact management, contact management, and contact on-line notification
Work community	Mobile client users can share information, make comments, and set up or withdraw permission for their colleagues
System bulletin	Enterprise administrators can send bulletins to specified departments and users
Security	AES encrypted storage for user data and data isolation to ensure data transmission security
Reliability	Supports two-node deployment, dynamic clustering, and dual-center remote disaster recovery Multiple redundant backups ensure stable and reliable communications
Management	Automatic installation and deployment and GUI-based service configuration for fast service rollout
Maintenance	Alarm management, process monitoring, log collection, automatic backup, and automatic recovery

## Software and Hardware Requirements

Item	Configuration
Server	Huawei RH2288 V5 (recommended) CPU: 2Px10C; core working frequency: 2000 MHz Memory: 128 GB Network port: 6GE Hard disk: 6*600 GB
Operating system	SUSE Linux Enterprise Server 11 SP3 64-bit (English), kernel 3.0.101
Browser	Internet Explorer 10/11, FireFox41+, Chrome46+

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