

Cisco Hosted Collaboration Solution for Defense

A single solution for real-time secure communications from enterprise to tactical edge



Every day you wake to growing threats. You must be ready 24/7, so you turn to innovative solutions to keep our nation's defenses secure and mission ready. And it all starts with a secure and unified communications network: one that connects the unconnected, speeds coordination and decision making, but most importantly increases our nation's military readiness against current and future threats.

At Cisco, we understand the challenges you face, and have a long history of successfully partnering with the Department of Defense (DoD). In support of your migration to the cloud, Cisco has begun the process of bringing a DoD Impact Level 5* (IL5) solution to the market through DoD's FedRAMP+ process. This includes dedicating the resources to build, host, and operate a secure collaboration cloud offering and to go through the lengthy DoD accreditation process. We call it the Cisco Hosted Collaboration Solution for Defense (HCS-D).

Cisco HCS-D unites our industry-leading collaboration services to create a simple, flexible, and secure solution that will deliver an IL5 offering to support the full range of the DoD's unclassified collaboration needs. The solution will drive mission enablement by bringing together proven and reliable voice, video, instant messaging, presence and conferencing (all with DoD compliant security and continuous monitoring) to let users collaborate safely with anyone, anywhere, on any authorized device.

**Government Provisional Authority in progress*

HCS-D features market-leading Cisco collaboration services

One service, one experience, for every Department of Defense user



Voice



Video



Mobility



Instant Messaging
and Presence



Conferencing

Department of Defense Impact Level 5 Security



A holistic solution

One service, one experience

Cisco HCS-D gives the DoD a single advanced collaboration solution for a "one service, one experience" approach to 21st-century defense.

Voice and video

- Simplify with voice and video as a service
- Get a full set of telephony services (including voicemail and integrated messaging)
- Access messages from an IP phone, mobile phone, or desktop client
- Deliver reliable, secure, and scalable voice and video services
- Enjoy industry-leading management based on Cisco Unified Communications Manager.

Mobility*

- Give users a single number to dial
- Redirect incoming IP calls to designated phones
- Move calls between Cisco desktop and mobile phones and create personalized access lists
- Give mobile access to corporate call features
- Be productive anywhere, anytime, on any device through Cisco Jabber® and even access your Cisco collaboration workloads.

**Requires the mobile device to be connected to NIPRNet*

Instant messaging and presence

- Get answers and collaborate quickly
- Make your availability/status known to others
- Instantly message, make phone/video calls, and even start meetings with just one click.

Conferencing

- Meet/manage projects in real-time to present, share, or collaborate anywhere, anytime
- Collaborate and increase productivity without the need for travel
- Make meetings more engaging with high definition (HD) video, audio, and content sharing.

Simple, flexible, secure

Simplicity

Cisco HCS-D is a simple, easy to use solution that is feature rich. It can simplify procurement and deployment by delivering voice, video, instant messaging, and conferencing in a single package to each user.

It also features automatic updating (applications and security), freeing your IT resources for more critical missions. Our solution also helps simplify network changes as personnel rotate through their assignment locations.

Flexibility

As a cloud-based service, Cisco HCS-D shifts spending from CapEx to OpEx for more realistic budgeting. But it still lets you use a combination of existing on-premise and off-premise assets.

With our flexible consumption model, the DoD can enhance interoperability between collaboration telephonic and mobile unified communications. And because HCS-D is a pay-as-you-go service without vendor lock-in, you'll get more flexibility around budget and deployment.

Security

As cyber-threats continue to grow, Cisco HCS-D will provide the DoD a form of future-proofing that can evolve in response to, and ahead of, these threats. This desire to have tomorrow's level of security today can be achieved with our "always patched, always secured" approach. This empowers the DoD with a 24/7 security posture featuring active monitoring and incident response, regular scanning and patching, and support from a team of cleared U.S. citizen IT professionals. Plus with Cisco HCS-D, U.S. data stays in the U.S.

Secure, reliable, and adaptable collaboration is paramount to our nation's defense. The DoD should be able to leverage the latest technology without sacrificing security.

Cisco HCS-D will support the most popular families of endpoints, including a broad portfolio of voice and video devices, from IP phones to mobile and desktop applications. This means you can provide the right device for each user, from administrators to knowledge workers, to task workers, to leaders, to mobile workers.

The solution also leverages innovative cloud technologies that can help the DoD meet cloud-first mandates while still letting users leverage any existing communications investments. And, by connecting forces with multiple nodes of communications, the solution can empower greater command and control capabilities.

With Cisco HCS-D, the DoD also gains access to advanced secure encryption technology. This can give personnel the confidence to communicate honestly with their colleagues in the field and back at headquarters.

A device for every user and use case

Component	Description
<p>Cisco Jabber</p> 	<p>Cisco Jabber is the Cisco unified communications client application for Windows PC, Mac OS, iPhone, iPad, and Android that provides presence, instant messaging, voice, HD video, voice messaging, desktop sharing, and conferencing.</p>
<p>Cisco IP Phone 8800 Series</p> 	<p>The Cisco IP 8800 Series is ideal for a variety of workers and settings throughout your organization. It delivers easy-to-use, highly secure, encrypted, high-quality wideband audio communications, with select models also supporting affordable entry to 720p HD video. In addition, Cisco Intelligent Proximity can integrate telephony features with your personal mobile devices.</p> <p><i>Note: Legacy Cisco IP phones that do not support TLS 1.2 may be used if approved by the Mission Owner</i></p>
<p>Cisco IP Phone 7800 Series</p> 	<p>The Cisco IP 7800 Series combines ergonomic design with always-on reliability, secure encrypted voice communications, and ecofriendly low-power consumption. Gain advanced IP telephony features and crystal-clear, wideband audio to deliver an easy-to-use, full-featured voice communications experience.</p>
<p>VTC Endpoints</p> 	<p>Seamlessly integrate your collaboration system with new or existing VTC endpoints, including the DX80, for high-quality large screen and desktop conferencing. Note: VTC endpoints must support HCS-D's encryption standards.</p>

Empowering mission enablement

The DoD has a long track record of mission success powered by teamwork. And thanks to innovative technologies, this now includes the capability to collaborate in ways that fit each team best, from instant messaging to full video conferencing. With Cisco HCS-D, the DoD enables a secure and stable platform to empower mission enablement, from headquarters to the battle space edge.

Cisco HCS-D is designed to be DoD Impact Level 5-Authorized. DoD IL5 provides a cost-effective, risk-based approach for the adoption and use of cloud services by agencies within the U.S. DoD.

By standardizing on security assessment, authorization, and continuous monitoring for cloud products and services, this program delivers costs savings, accelerated adoption, and increased confidence in security.

Next Steps

For more information about Cisco IL5-Authorized Services: Send an email to cloud_ucdod@cisco.com or contact your Cisco representative.

Visit us at www.cisco.com/go/DoD

© 2018 Cisco and/or its affiliates. All rights reserved. Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Cisco HCS-D: Security features

Dedicated mission applications

Feel confident that sensitive data is securely contained in U.S. data centers that are accessible by U.S. citizens only. Mission applications are added individually for each customer, ensuring separation of agency data.

Unparalleled network visibility

HCS-D leverages Cisco's latest security products, providing insight into all of the traffic on the network, and enabling rapid detection and mitigation of cyber threats.

Application-based policy enforcement/ mgmt.

Configurations and user roles are set on a per-application level. Policies follow users as they roam networks. Let's you customize, manage, and enforce usage features.

Data sovereignty and U.S. citizen support

All data remains in the U.S. and is strictly controlled by authorized and authenticated U.S. citizens. All support personnel have the required national security background check and necessary security clearances.

End-to-end encryption

Keep your communications secure using FIPS 140-2 validated cryptography. This gives your personnel the confidence to communicate classified information with teams.

Government approved architecture & SLAs

Uses architecture based on DoD IL5 security requirements. Plus, Cisco provides a Service Level Agreement (SLA) on the availability of the service.

3rd-party reviews/audits

HCS-D will be regularly audited by independent DoD authorized third-party assessment, as well as monthly reviews of security stature with the sponsoring agency.

Survivable

HCS-D is designed to seamlessly integrate with on-premises solutions to provide an additional level of redundancy and survivability.

Why Cisco?

- Industry-leading collaboration that is also built to meet stringent federal security requirements. Cisco HCS-D will be a DoD IL5-Authorized Service.
- A broad selection of endpoints for all types of users and use cases. Choose from Cisco's industry-leading voice and video endpoints as well as Cisco Jabber.
- Consistent, unparalleled reliability and security with operations and applications, regardless of where they reside.
- Cisco is a proven, trusted partner of the DoD. We also have more than 17 years of experience providing cloud services and have sold more than 95 million IP phones.