ASSURED COLLABORATION SOLUTIONS

VOICE & VIDEO CROSS-DOMAIN SOLUTION (V2CDS)

KEY FEATURES

- Supports existing VoIP infrastructures (PBX & endpoints)
- V2CDS connects to existing Call Managers & MCUs as a SIP Trunk provider
- Enables audio, face phone & point-to-point VTC calls between security domains (TS-S, S-S, S-U)1
- Use one phone to make calls to multiple high side and low side networks
- Realize significant cost savings through consolidation of infrastructure assets
- Exclusive Assured Pipeline Architecture meets rigorous DoD & NSA "Raise the Bar" standards
- Only VoIP CDS approved for deployment to the DoD or Intelligence communities
- Only VoIP CDS on the NCDSMO Baseline
- SABI & TSABI Certified

Point-to-Point, Video, and Multi-Party Audio Calls

The balance between protecting and sharing critical information has never been more crucial than in today’s Joint and Coalition military environment. Voice over IP, Face Phones and VTCs are common tools for operational information sharing networks throughout the DoD and Intelligence Community. However, the current collaborative infrastructure between armed forces creates communities of users who frequently are unable to communicate outside of their network or security domains quickly and effectively.

The Owl Solution

Owl’s Voice and Video Cross-Domain Solution (V2CDS) delivers VoIP audio and video telecommunications across network security boundaries using existing Call Managers, Face Phones and VTCs in a user-friendly and timely manner. V2CDS authenticates users (optional) and reduces covert channels to an acceptable risk, while simultaneously maintaining point-to-point video capability.

The Only Available Approved VoIP CDS for US DoD & IC

As the only VoIP CDS that has been accredited and NCDSMO Baseline listed, V2CDS is the only solution approved for deployment in the US Department of Defense and the US intelligence community. It is both SABI and TSABI certified for use in classified networks and meets the NSA’s rigorous Raise the Bar (RTB) standards for cross domain solutions.

1The number of concurrent calls can scale up with multiple systems and/or optional performance upgrade
**Voice and Video Cross Domain Solution**

**Security and Certification**
- Enforces two network interface cards (NIC) configuration for two IP subnets to maintain separate CDS internal networks
- Complies with the latest Risk Management Framework (RMF) and Cybersecurity policies for the Department of Defense (DoD) and Intelligence Community (IC)
- Mitigates covert transmission of information over VoIP channels through real-time security filtering and audio processing
- Provides user accountability mechanisms, including monitoring all calls for recording conversations for playback and auditing purposes
- Maintains strict packet handling conformance to industry standards while protecting against protocol exploits
- Implements data capture capability to audit all management and conferencing actions and results

**Features**
- Includes an easy-to-use administrator GUI for system configuration
- Placing a cross-domain call is as simple as dialing a long-distance phone number
  - Caller dials cross-domain prefix
  - Caller dials extension number of called party
  - Called party answers phone
  - Connection is established
- When initiating and receiving calls, users hear an announcement that the call is crossing domains
- Provides periodic beep notification to remind users that the call is cross-domain and is monitored
- Supports the latest RTB requirement for Remote Monitoring & Management
  - Admins can securely manage V2CDS from their browser with two factor authentications

Owl Cyber Defense Solutions, LLC leads the world in data diode and cross domain network cybersecurity. With a constant focus on customers in the military, government, critical infrastructure, and commercial communities, Owl develops market-first, one-way data transfer products to meet a variety of operational needs, from entry level to enterprise.

For more information on Owl, or to schedule a demo, visit www.owlcyberdefense.com