



Secure Conferencing Solutions

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It's the solution

SIGCOM presents **MultiClass S³™**; a series of secure teleconferencing solutions and components that support video over IP. MultiClass S³™ ensures complete isolation between classified and unclassified networks and is Defense Information Systems Agency (DISA) approved for secure simultaneous switching on both IP (H.323) and ISDN (H.320) networks. Additionally, MultiClass S³™ solutions meet NSA requirements, JITC certifications, COMSEC/EMSEC criteria, TEMPEST emission guidelines and common criteria. Secure conferencing audio and video is a critical component for federal defense agencies and is essential in modern communications. MultiClass S³™ enables instant secure communication globally, affording crucial situational awareness and dialogue.

SIGCOM has provided secure conferencing solutions to federal customers for over 22 years. MultiClass S³™, SIGCOM's secure switching solutions, are utilized extensively by Department of Defense and Department of Homeland Security agencies to manage audio & video conferencing, calls in the secure and non-secure domains.

SIGCOM's customers find that MultiClass S³™ solutions hold the best overall value because they eliminate the need for multiple codecs and there are no propriety restrictions. MultiClass S³™ is control system and codec-neutral and can integrate with any existing source code and Type-1 encryption devices; therefore, end-users may avoid replacement costs by reusing existing equipment. MultiClass S³™ is the only fully-automated switching solution controlled by a touch panel and easily integrates with any network including: DVSG dedicated, ISDN dial-up, DVS II, NIPRNet, SIPRNet and others.



- Controllable IP/ISDN/Dedicated
 - Secure VTC Enhancement utilizing either a SIGCOM or Government-Furnished KIV-7 Encryption Device
- Controllable IP Secure VTC
 - Enhancement for Dedicated rooms
 - DVS II Transition Package for Secure/Non-Secure IP
- Controllable IP and ISDN Secure
 - Enhancement for Dedicated Rooms
 - DVS II Transition Package for Secure/Non-Secure IP and Dial-Up ISDN
- Secure/Non-Secure Multipoint Control Unit (MCU) Solutions
- Deployable Secure Video Teleconferencing Solutions
- Secure Audio Conferencing Solutions



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Since SIGCOM made its secure switching solutions available to the market in 2005, hundreds of units have been installed in integrated rooms, rollabout systems and desktop configurations from Korea to Afghanistan.



MultiClass S³™ was designed by SIGCOM after customer demand began to grow for a secure, user-friendly, video over IP solution that would streamline standard operating procedures and ensure secure communications. **MultiClass S³**™ secure/non-secure switching solutions are the preferred DVSG to DVS II transition solutions for their simplicity and ease of operation by facilitators. SIGCOM customers tell us *"It is the most facilitator-friendly system they have ever used."*

SIGCOM is the only provider that simplifies switching between non-secure and secure modes through the use of a fully-integrated, intuitive touch-panel interface.

Standard Operating Modes

Non-Secure

- Default / Boot-up mode
- Provides non-secure capabilities
- Uses IP and external network interfaces
- Isolates all secure network paths

Secure

- Provides secure capabilities
- Uses IP and external network interfaces
- Isolates all non-secure network paths
- Multiple domains / networks
- Ensures DISA compliance that meets NSA, COMSEC, EMSEC criteria and TEMPEST emission guidelines (NSTISSAM 2/95; NSTISSAM 1-92)

SIGCOM offers DISA-approved touch panel switching configurations

- SIGCOM switching solution using **MultiClass S³**™ RS-232 controlled switches
- SIGCOM switching solution with Market Central's Fiber Optic Switch Rev B

MultiClass S³™ Secure Features and Benefits

- Complete isolation between unclassified and classified networks
- Controlled by an intuitive touch panel graphical user interface
- Streamlines standard operating procedures
- Modes of operation determined by customer
- Ease of troubleshooting
- Secure and non-secure dialing including both IP (H.323) & ISDN (H.320)
- Utilizes IP and V.35 CODEC interfaces
- Automated or manual operation
- Eliminates requirement for second CODEC
- CODEC neutral: integrates with any CODEC (Polycom, Tandberg, etc.)
- Control System neutral: integrates with existing source code and / or new control systems (AMX, Crestron, etc.)
- Integrates with DISA-approved dial-isolators
- Integrates with any Type 1 encryption device (KIV-7M, TACLANEs, KG-250, KIV-7HS/B, KIV-19, KG-194)
- I/O, Relay and RS-232 control options
- > 300 switching systems already in place within DoD
- EAL4 common criteria



MultiClass S³™ Cart System



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