

Solution Story: Joint Task Force Civil Support

Another quality solution by the iSoft Team



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iSoft was instrumental in the success of the Joint Task Force Civil Support's (JTFCS) relocation into a new Head Quarters facility at Fort Eustis, VA. As a Command that operates 24-7, JTFCS historically maintained an intricate but antiquated audio visual and communications system that featured a large Decision Support Center (DSC) and Watch Room, in addition to several other conference rooms with interactive

video conferencing capabilities. iSoft assisted in the planning and implementation to replace these older systems with updated technology and more seamless communication and interactive tools at the new facility while enabling JTFCS to maintain operation at the existing facility during the transition.

iSoft was involved with JTFCS from project inception and assisted with initial systems assessment including on-site surveys. iSoft collaborated with JTFCS on a number of design concepts and options and developed key parameters and requirements for the new audio visual and video conferencing systems to be implemented at the new HQ facility. iSoft developed ROM proposals and



worked with JTFCS to narrow down to the resulting final design, leading to the equipment procurement and implementation phases. Implementation included installation, system programming, testing & on-site training.

The ultimate solution for JTFCS consisted of audio visual systems and video conferencing (VTC) capabilities in multiple rooms – DSC, Watch Room, CG Conference Room, J3 Conference Room, and JPG Battle Lab. All systems were digital based (future ready) but also backwards analog capable for compatibility with older devices. These room systems were tied together by a master switching and control system in the AV Control room, which is staffed with an on-site operator. The AV Control Room housed the majority of the audio visual equipment and enabled the operator to oversee operation in all of the rooms, including control of most functionality. The system design also enabled interactive sharing of content between all rooms.



Key features of the systems included Classified and Unclassified HD VTC capabilities with the ability to operate off of ISDN or IP and switch between the two classifications. Digital annotation devices were provided in several rooms to enable interactive presentations or instruction. The flagship room/system in the facility was the DSC, which is a large conference room with gallery seating for assemblies and presentations. The room featured large dual rear projection screen systems, theater style audio capabilities and an additional six drop down front projection systems that enabled this room to double in functionality and hold Joint Operation Center activities as needed. iSoft also provided some back-bone



infrastructure data cabling for SIPR & NIPR network connectivity including build-out of the main server room with eight communications equipment racks.

Highlights

- Large multi-room/system facility with fully integrated AV systems. Central control of room-based AV systems with ability for content sharing and interactive communications
- Classified and unclassified HD video conferencing systems
- Crestron control systems for user-friendly and efficient operation of all systems
- Build-out of main server room for backbone network infrastructure

