



The New Generation - Advanced Command, Control and Communication System – Ground Unit

AC3S-G2®

January 10th 2007 – Information Processing Systems announced its third generation AC3S-G2® Unit. The target application for the AC3S-G2® is designed to serve as an urban, mobile interoperability gateway (MIG) and rear-guard Intelligence unit. The first generation IC4U® is a forward intelligence command, control and communication interoperability unit designed for the National Guard and Border Surveillance. The second generation, AC3S® was designed as a civil forward intelligence command, control and communication interoperability unit designed for urban security, and disaster management. Both the IC4U® and AC3S® were installed in MILSPEC, air-lift certified shelters to assure their deployment at the forward edge of a disaster to send live streaming video, coordinate and manage communications across disparate frequencies, and to establish communications across a satellite backhaul. All three generation units are self-contained and designed to operate for up to 48 hours without re-supply.

Building on the established precedent and related success of the IPS IC4U® and AC3S® emergency communications interoperability units and the concept of providing mobile, emergency communications interoperability gateways to provide situational awareness for multi-jurisdictional first responders to a disaster or emergency, Information Processing Systems AC3S-G2® coincides with the announced intent of Department of Homeland Security Secretary Michael Chertoff to promote and fund emergency communication interoperability gateways – as interim solutions for interoperability of disparate radio frequencies, pending the final canopy trunked radio systems. The concept of mobile interoperability gateways also coincides with some state Public Safety Radio Strategic Planning Committees – such as the State of California.

Designed for quick deployment into urban and outlying areas for strategic deployment to support UASI regional emergency response consortiums, this new mobile G2 Unit offers lighter mobility, more workspace, improved ergonomics, and improved communication interoperability technology and communication management. The new AC3S-G2® also now features more options such as the mobile cellular telephone system (compatible with GSM, CDMA, and GMSK) and high resolution, air-to ground FLIR streaming video (out to 20+ miles) – as demonstrated at the South Carolina Coalition War Fighters Interoperability Demonstration (CWID) in June 2006. In the latest generation, a new radio interoperability interface and a improved touch-screen talk-group management control panel have also been incorporated into the AC3S-G2®, as well as a Bridging Gateway to link to other known radio interoperability platforms such as the Raytheon ACU1000™ – demonstrated with the IC4U® at the 2006 CWID. Finally, a “Red-Black” NSA certified encryption for secure operations – such as supporting Secure Border Initiative has been developed for the entire AC3S/IC4U® and new AC3S-G2® line.

The new AC3S-G2® can be packaged in any size trailer. This model is a 6X10' Wells Cargo trailer with a environmental shelter extension (employing the drop-down loading ramp) to provide a total of 90SF of work space. Ergonomically placed video monitors also offer multiple displays for video conferencing, news monitoring, and monitoring other remotely deployed AC3S-G2® or Internet broadcast events.

Through our Teaming Associates, Information Processing Systems offers complete mobile interoperability solutions for emergency communications interoperability, integration into emergency operations centers, training, maintenance, (24x7) support and logistical support.

For more information please contact Clarence Boice. Cell: 650-346-6448 or cboice@ipscal.com

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AC3S-G2 Advanced Command Control Communications Unit
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