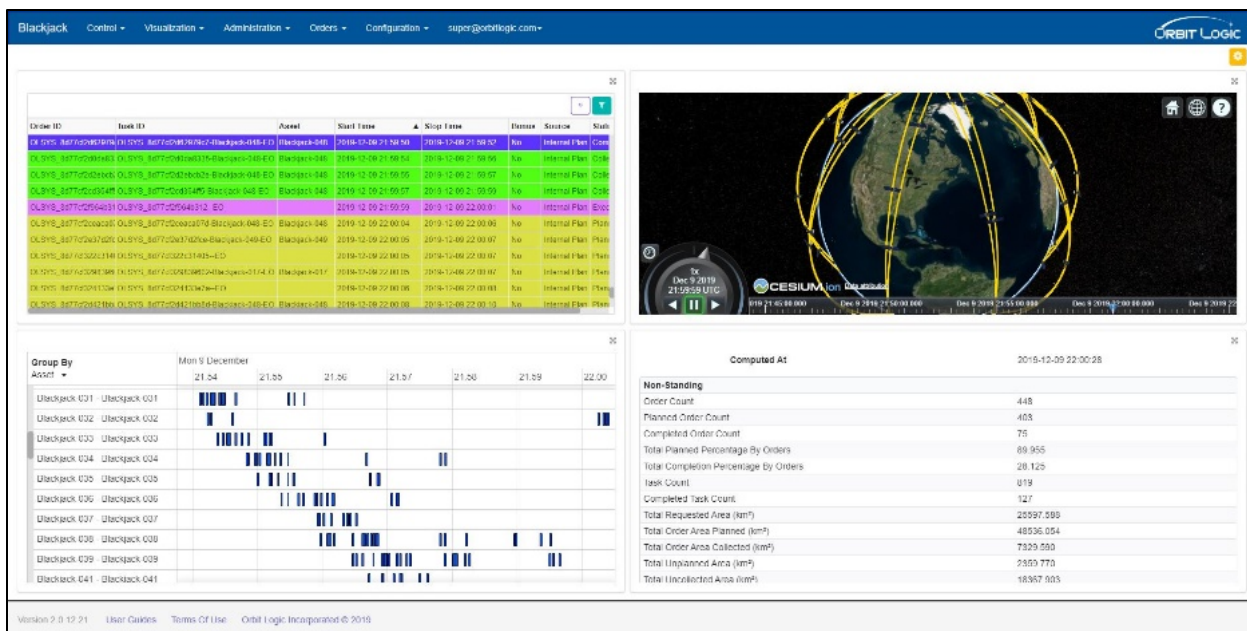




Press Release: Orbit Logic Supporting SSCI for DARPA Blackjack Pit Boss

GREENBELT, MD (February 6, 2020) – Orbit Logic announced today that they are a member of the Scientific Systems Company, Inc. (SSCI) Blackjack Pit Boss team for the Defense Advanced Research Projects Agency (DARPA). The DARPA Blackjack program aims to demonstrate the capabilities of a proliferated low Earth orbit (P-LEO) system through a variety of on-orbit experiments using 20 low-cost small satellites, each carrying payloads relevant to select military missions. Pit Boss is the computing and encryption hardware and modular software element of Blackjack that is intended to enable tasking, collection, processing, exploitation, and dissemination (TCPED) to occur autonomously on-orbit within the P-LEO constellation at mission speed. Orbit Logic is contributing software and engineering services for both ground software and flight software portions of SSCI’s Pit Boss solution.



Orbit Logic will provide space system autonomy software expertise to the SSCI team, with knowledge derived from development of their Autonomous Planning System (APS) flight software and SpyMeSat ground software. APS enables autonomous onboard planning and replanning in response to data requests and events, including coordination between satellites.

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Orbit Logic's SpyMeSat is a commercially available mobile app that enables users with the ability to browse and request commercial imagery data products and request new imagery tasks, while providing situational awareness of all on-orbit assets.

SSCI Vice President of Research and Development, Dr. Owen Brown stated, **"SSCI is incredibly fortunate to have Orbit Logic as a part of our team. Their proven space software products and innovative, highly experienced engineering staff are vital assets for our development of a complex, first of its kind, autonomy system for satellite constellations."**



Blackjack SpyMeSat Mobile App

About Orbit Logic

Orbit Logic (www.orbitlogic.com) specializes in mission planning and scheduling solutions for aerospace and geospatial intelligence. Orbit Logic's operationally proven COTS products create better plans faster with fewer resources for all mission phases. Orbit Logic services are available to configure, customize, and integrate Orbit Logic's mobile, web-based, desktop, and flight software applications to provide turn-key operational solutions that leverage the latest available technologies to meet customer goals and exceed their expectations.

About Scientific Systems Company Inc.

Since 1976, Scientific Systems Company Inc. (SSCI) has been developing the brains and nervous system for manned and unmanned vehicles to operate autonomously and accomplish their missions in difficult environments for defense and commercial applications. Based in Woburn, MA, SSCI is a leading innovator in performing research and technology development for NASA and US DoD agencies. SSCI is a provider of intelligent and autonomous software systems for land, sea, air, and space systems, GPS-denied navigation systems, collaborative, adversarial, and artificial intelligence enabled autonomy and mission planning systems. In short – SSCI provides autonomy for any mission.