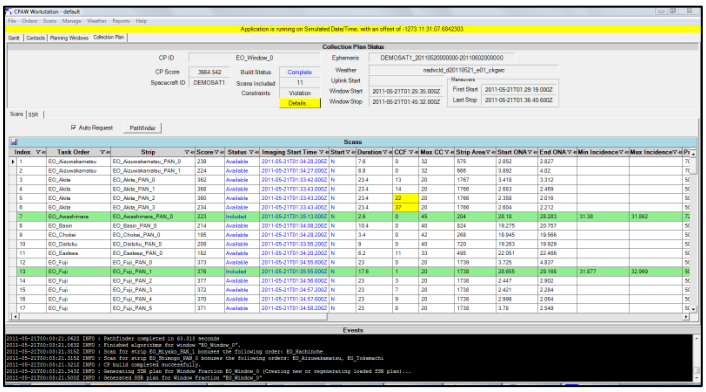
Teledyne Selects Orbit Logic Software for ISS Imaging Platform Operations

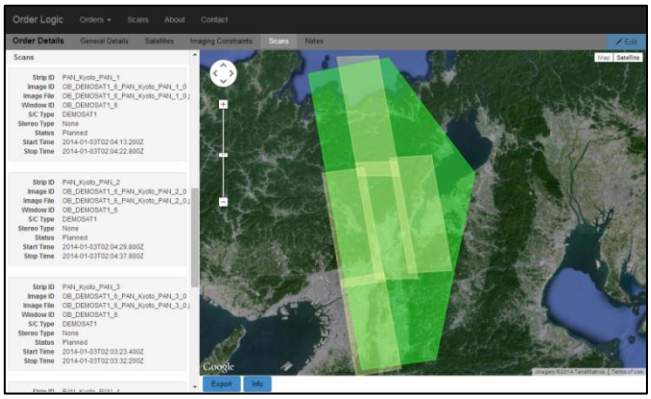
GREENBELT, MD (September 3, 2015) – Orbit Logic announced today that Teledyne Brown Engineering, Inc. (TBE) of Huntsville, AL has selected Orbit Logic's Collection Planning & Analysis Workstation (CPAW) and Order Logic software for its Multi User System for Earth Sensing (MUSES) ground system. Order Logic will be used for imagery order management with CPAW as the planning engine.

MUSES, an Earth-observation platform being developed by TBE, will be externally located on the International Space Station (ISS) and is capable of hosting four instruments simultaneously. As part of collaboration with the German Aerospace Center, or DLR, the first instrument to be hosted aboard MUSES will be the DLR Earth Sensing Imaging Spectrometer, or DESIS. Working in the wavelength range from visible through the near infrared, this spectral imaging instrument will enable the precise data acquisition of images of Earth's surface. The MUSES platform is planned for launch to the ISS in 2016, followed by the DESIS in early 2017.

Order Logic will provide web-based management and tracking of imaging requests. Order Logic allows TBE and other users to create, edit, and track the status of imagery orders; visualize planned imaging operations; and access feasibility tools that enhance understanding of when new images of specific targets are likely to be available. Logins, configurable permissions, and other access management features ensure that users are limited to the capabilities and data for which they are authorized.



CPAW Tabular Planning GUI



Order Logic Web Application

Orbit Logic's Collection Planning & Analysis Workstation (CPAW) software uses high fidelity system modeling and advanced scheduling algorithms to generate valid and optimized imagery collection plans for use in spacecraft operations, analysis, or imagery ordering. CPAW covers everything from contact scheduling and recorder management to power and antenna modeling while accounting for imaging platform maneuverability, system availability, timing constraints, and sensor capabilities. CPAW will be configured to model the MUSES platform and attached sensors, including DESIS. CPAW will generate operational imaging plans and downlink plans within ISS and MUSES operational constraints.

"Orbit Logic came in with a set of configurable COTS tools that addressed all of our mission planning and order management needs." said Ray Perkins, Chief Engineer, Hyperspectral Remote Sensing with Teledyne Brown Engineering. **"The folks at Orbit Logic**

are very experienced at mission planning, and their unique products will allow us to save time and money and focus resources on the hardware and other aspects of the mission and ground system."

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 engineering services are available to configure, customize, and integrate Orbit Logic's mobile, web-based, and desktop applications to provide turn-key operational solutions that leverage the latest available technologies to meet customer goals and exceed their expectations.

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