

Satellite Vu Selects Orbit Logic Planning Software for Thermal Imaging Constellation

GREENBELT, MD (Monday 20th June, 2022) – Orbit Logic announced today that UK satellite firm [Satellite Vu](#) has selected Orbit Logic's collection planning software for the operation of its planned constellation of high resolution thermal imaging satellites. Orbit Logic will deliver software and engineering services including software configuration, training and custom model development beginning in May 2022.

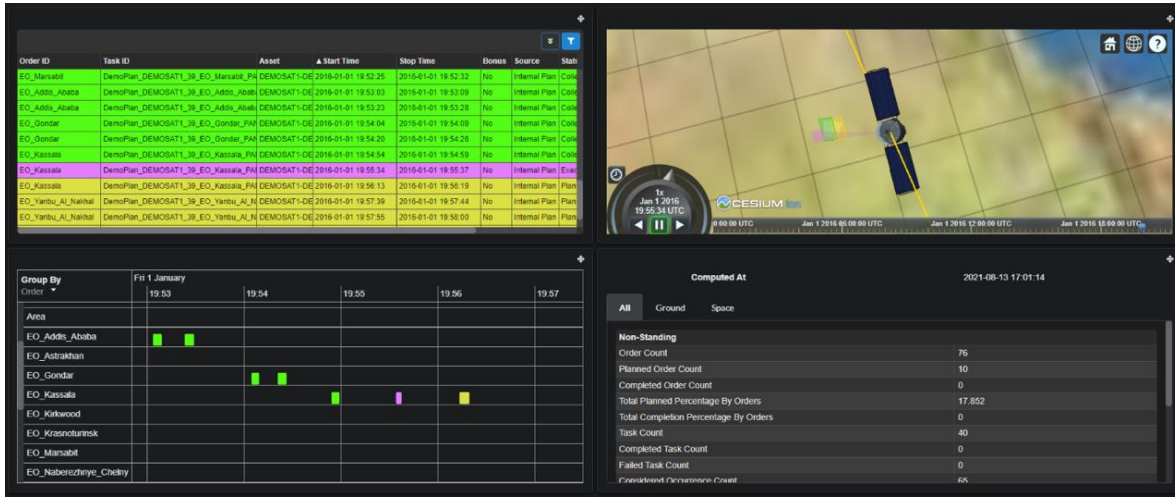
Orbit Logic will deliver its industry-leading Collection Planning & Analysis Workstation (CPAW) and Order Logic software products, configured for the Satellite Vu constellation. These products will generate operational-fidelity imaging schedules and related downlink plans for use in pre-launch constellation design, analysis, and on-orbit operations. CPAW-generated plans are output for command generation and to Order Logic for plan inspection and 3D visualization and animation.

CPAW uses high fidelity system modeling and advanced scheduling algorithms to generate valid and optimized imagery collection plans for use in spacecraft operations and analysis. CPAW planning capabilities include contact scheduling and recorder management, power management and antenna modeling, imaging platform attitude/slew planning, system availability management, timing constraints, and sensor imaging mode modeling and related collection deconfliction and optimization.

Order Logic will also provide order management, collection feasibility, an API for integration with external software, and a secure multi-user web browser interface for operators, managers, and customers alike. Configurable permissions ensure that each user logging in to Order Logic has access only to the data and features necessary for their job.

“We are excited to be a part of the Satellite Vu team that is developing such an innovative, space-based thermal data solution to help build a more sustainable world.” said Alex Herz, president of Orbit Logic.

Anthony Baker, CEO of Satellite Vu, said: “We are delighted to add Orbit Logic's collection planning software to our state-of-the-art thermal monitoring satellites as we continue to count down the days to launch. The space industry is at an exciting stage and our satellites are a part of that, poised to make a significant difference in the fight against climate change by providing governments and businesses with the data they need to identify energy wastage and minimize carbon emissions, as well as contributing to preventing fire spread and reducing water pollution.”



Order Logic Dashboard View

About 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, cloud-hosted, and desktop applications to provide turn-key operational solutions that leverage the latest available technologies to meet customer goals and exceed their expectations.

For additional information contact Alex Herz, President, at +1 301-982-6233 or via email at alex.herz@orbitlogic.com.

About Satellite Vu (www.satellitevu.com) Founded to bring satellite technology to address our global challenges, Satellite Vu will be able to monitor the temperature of any building on the planet in near real-time using a new mid-wave infrared camera. These images provide valuable insights into economic activity, energy efficiency and disaster response. Satellite Vu will effectively be the Earth's thermometer from space.

Satellite Vu has raised a combined total of £20 million from grants and venture capital led by Seraphim Space Investment Trust including Lockheed Martin, Molten and A/O PropTech.

Partnered with Surrey Satellite Technology Ltd to build the satellite constellation and with SpaceX for the first satellite launch in early 2023, Satellite Vu are bringing the highest resolution thermal data to enable us to see the world like never before.

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