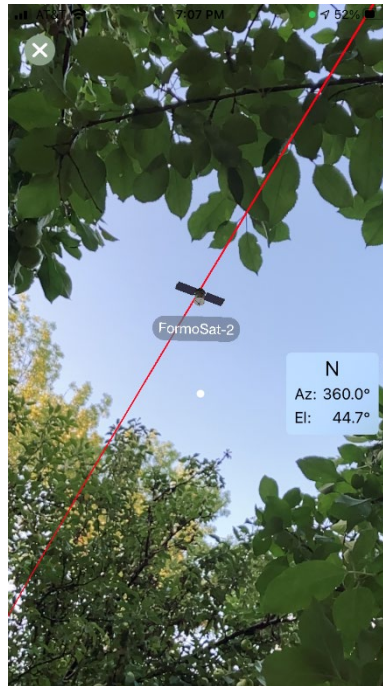




Press Release: Orbit Logic Adds Augmented Reality to SpyMeSat

GREENBELT, MD (August 25th, 2021) – Orbit Logic’s award-winning SpyMeSat mobile app (available in the Apple App Store and Google Play) now includes an augmented reality (AR) interface for better awareness of overflying imaging satellites! The AR view overlays the orbit and position of imaging satellites that can image your location, providing a better understanding of satellite viewing geometry and potential obstructions; e.g., to know if an image taken by that satellite of your position would be obscured by a tree or a building. The AR interface also displays relevant information about the satellite and its capabilities, including the timing and dynamic geometry of the pass as well as the resolution achievable by satellite sensors.



In addition to real-time imaging satellite awareness, SpyMeSat provides on-demand access to recent archive satellite imagery and the ability to request new tasking directly from a mobile device. Multi-phenomenology data (i.e., optical, infrared, synthetic aperture radar, and more) is available through an easy in-app process of preview, select, payment and delivery that can be completed in seconds, quickly providing archived satellite imagery for any location on demand. When archive imagery is insufficient and new data is required, users can review available satellites, better understand the data collection environment through the AR interface, and purchase tasking based on cost, responsiveness, and capability.



While the standard SpyMeSat enables marketplace interactions between the public and commercial satellite imagery providers, Orbit Logic also develops custom mobile applications for better situational awareness and easier data-access/tasking supporting specific missions; the

new AR interface will enhance these users’ mission effectiveness by facilitating better understanding of how data collection might be impacted by surrounding terrain or other spatial factors. Examples of bespoke SpyMeSat deployments include government versions for government assets and versions for awareness of satellite communications opportunities for contact scheduling, data transfer, and command uplink.

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.