

SIBYL™ MOBILE APP



In ancient Greece, the Oracle at Delphi - named Sibyl - could see the future, but couldn't do anything to change destiny. Using Orbit Logic's **Sibyl™** Mobile App, users can see future timeslots for imagery collection and task satellites on-demand.

In the field, with limited network connectivity, emergency response teams and warfighters can use **Sibyl™** from Android devices to select target areas for imaging, browse through satellite imaging opportunities, request satellite tasking, and check the status of requested images.

Sibyl™ displays upcoming satellite passes with feasible imaging opportunities for a specified area. The user selects the Task button to review more detailed information about the imaging opportunity and confirm the tasking request. On a status window the user checks previous tasking requests.

The **Sibyl™** Mobile App is based on Orbit Logic's operationally-proven **Collection Planning & Analysis Workstation™ (CPAW)** software. **Sibyl™** has passed end-to-end ground tests from a mobile device to a commercial satellite operator.

The **Sibyl™** Server syncs with the mobile app during periods of network availability and validates imaging requests, transmits imaging requests to satellite operators for execution, provides updated satellite position data to the app, and tracks image request status.



Sibyl™ End-to-End Dataflow Overview

Sibyl™ uses minimal message sizes and asynchronous communication to operate with intermittent and low-bandwidth network connectivity. The Sibyl™ system design includes optional authorization for all mobile requests.

