



SatVu

Tasking overview

V 1.0 – November 2024

We offer options for tasking our satellite to meet specific mission requirements and collection timeframes to facilitate easy access to new HotSat thermal imagery. Customers can utilise SatVu's tasking tools programmatically via our API or with our human-in-the-loop web interface. With an active tasking contract, users can fully manage their own HotSat task orders.

Placing a tasking order begins with defining the location of interest, acquisition dates, and similar parameters. A feasibility check is available to ensure all desired task order parameters are viable. Once an order is accepted, new imagery can be scheduled, acquired, downlinked, processed, and delivered within a matter of hours.

Two tiers of tasking available

Using the SatVu platform, you can task SatVu's satellites to collect new data for your area of interest. Capture a new image either within a specific date range (Standard Tasking) or on a specified date (Assured Tasking).

Standard Tasking

You define the full set of tasking parameters. Specify the target geometry, and timeframe, as well as off-nadir angle, ground sample distance, cloud cover percentage and day or night acquisition mode. Standard task orders are added to the satellite plan at a nominal priority level, are planned after higher priority orders, and subject to aggregation with other standard requests.

Assured Tasking

You select the specific pass of the satellite over your target area of interest with the time, date, off-nadir angle, and GSD already established. This product has the highest priority level in the general tasking system and will be imaged. We capture the data based on your selected opportunity regardless of cloud cover and always deliver it.*

All levels of tasking are available via our API and web interface.

Parameter	Standard Tasking	Assured Tasking
Location	User Defined	User Defined
Priority	Standard	Highest
Date	User Defined Range	User Selected
Off-Nadir Angle	User Defined (0-45 degrees)	Based on selected pass
GSD / Resolution	User Defined (3.5 - 6.8 m)	Based on selected pass
Imaging Mode	User Defined (Day / Night)	Based on selected pass
Allowable Cloud Cover	User Defined (15 - 100%)	100%
Delivery	Only when order parameters are fulfilled	Always*

** Because Assured Tasking guarantees collection, the Customer acknowledges and accepts the risks related to image quality. There is no guarantee all parameters will be met, and cloud cover, in particular, cannot be controlled.*