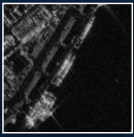
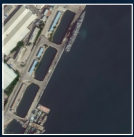


DOUBLESHOT

WITH UMBRA

Combined **VHR Optical** + **SAR** tasking for guaranteed insights regardless of weather or daylight.



THE POWER OF **DOUBLESHOT.**

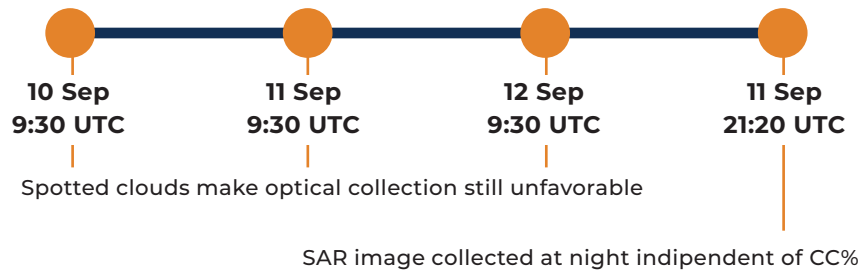
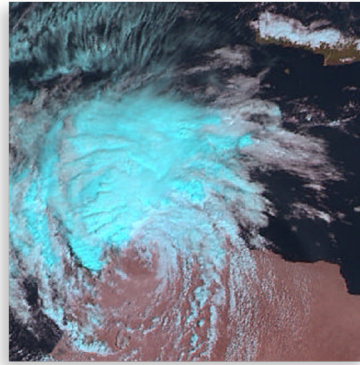
WHEN OPTICAL CAN'T SEE, **SAR KEEPS YOU SEEING.**

Storm daniel & flooding Derna, Libya — september 2023

Challenge: storm daniel caused massive flash floods in derna, libya. The area was too cloudy for a viable optical collection during the first few days of the event.

Solution: SAR imagery provided an alternative way to observe the affected area through the clouds.

Result: high-resolution imagery supported flood mapping and damage assessment.



WorldView & Legion Constellations

10 Satellites

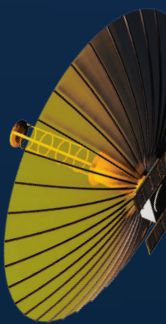
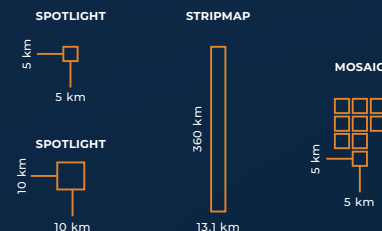
- 30 – 50 cm GSD | 15 cm HD Processing
- 16 Multispectral & SWIR Bands
- 3.0 m CE90 Accuracy w/o GCPs
- Multiple Daily Passes



Umbra SAR Constellation

5 current + 27 Planned Satellites

- 25 cm – 1 m GSD
- HH and VV Polarization
- Up to 4x Multi-look
- 1200 Mhz Bandwidth



NEVER LOSE THE SIGNAL: **PERISTENT MONITORING.**

Port of Tartus, Syria

For recurring monitoring projects, SAR imagery can supplement optical collections during periods when cloud cover or seasonal conditions prevent optical imaging. This helps maintain observation continuity without waiting for favourable weather.

