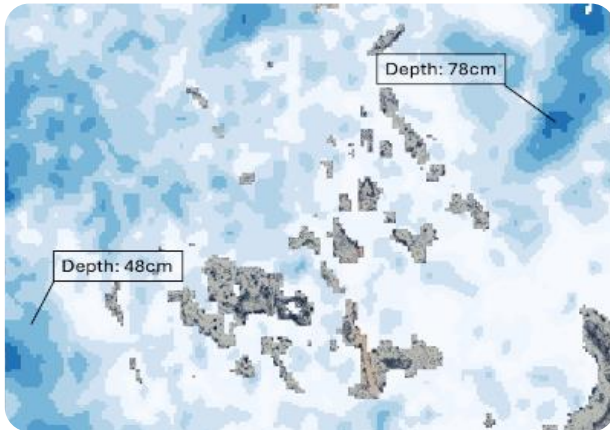


Flood Intelligence

Essential information for monitoring floods, assessing exposure and managing risk – extent and depth maps across assets and areas when you need it. Also suited to corporate sustainability reporting of physical climate risk (CSRD / IFRS).



INSIGHTS

Location, extent, severity and movement of water over time, with optional depth.



COVERAGE

Small scale to state-wide and greater, globally.



UPDATE RATE

3-5 days, depending on location, or as your demand requires.

You are not buying imagery, you are buying insights

- Faster response times for operations teams.
- Quantifiable data for risk and portfolio management.
- Detailed knowledge of flooded locations.
- Higher route confidence for freight and field operations.
- Removes the need for in-person or aerial surveys.
- Information to help achieve better safety outcomes



Timely knowledge



Improved understanding



Better outcomes



Reduced cost



Aid to safety decisions

Fast onboarding, GIS-ready delivery and a clear path from small-scale pilot to large-area monitoring, delivered by the Fusion Platform® for fast, hassle-free adoption.

INPUTS

- Area of interest (geospatial vector).
- Update rate.

OUTPUTS

- Moisture and water maps (geospatial raster) giving strength indication of water presence – from muddy ground to open water.

CORE CAPABILITIES

- Flood and saturation extent.
- Derived from multispectral satellite data.
- Latest satellite data as automated updates.
- Enables tracking of water location over time.

OPTIONAL ADD-ONS

- Water depth mapping for flooded areas.
- SAR satellite data for all-weather detection.
- System integrations (AWS S3, Google Cloud Storage, email, etc.)