



LONDON MARKET FORUMS

REINSURANCE PRACTICE GROUP

March 4th 2021

TOPICS

- Data sources
- Claims and risk management applications
- Add value to differentiate

DATA SOURCES

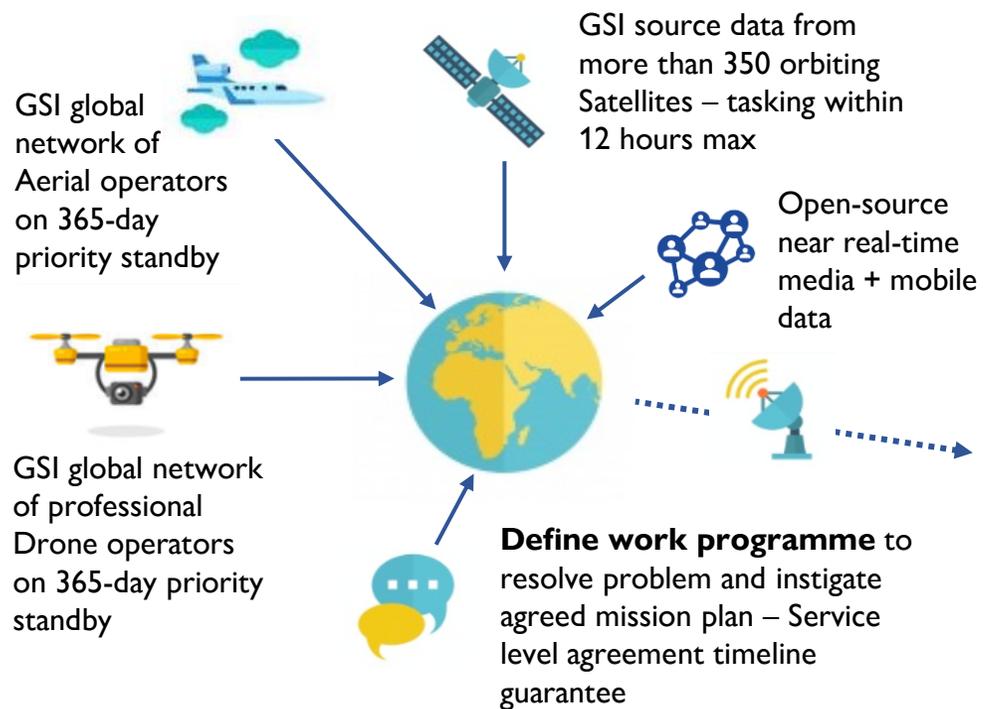
1. PROBLEM

2. COLLECT DATA

3. AI ANALYSIS

4. DELIVER

5. SOLUTION



Retrieve, process, analyse and classify collected data using proprietary machine learning. Output is visualised and quality assured by in-house geospatial team



Secure delivery via API or online Visual Intelligence Platform (VIP) to view, interrogate and analyse imagery. Export reports, white-label VIP system – [watch VIP demo video here](#)



Clients implement actionable, evidence-based insights for smarter and better-informed decisions, cost control and competitive advantage

(RE)ACT CAT RESPONSE

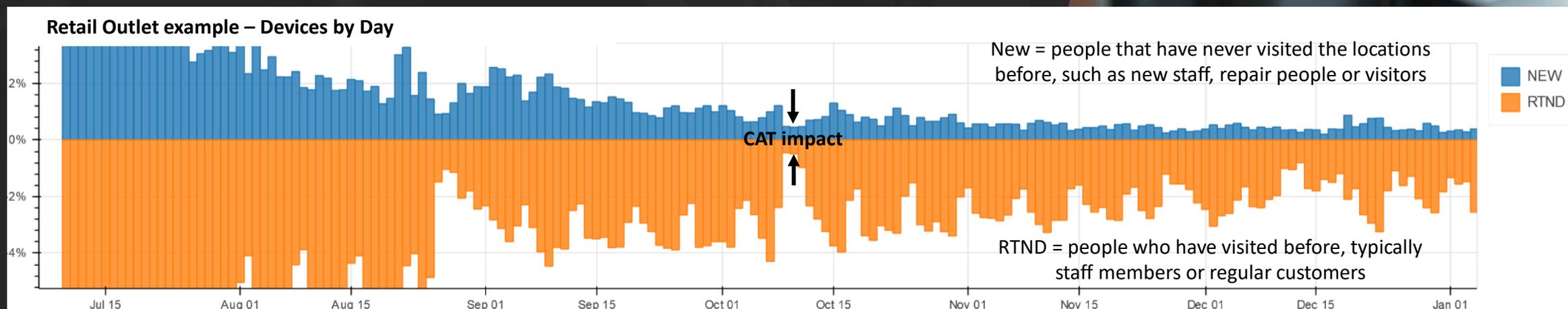
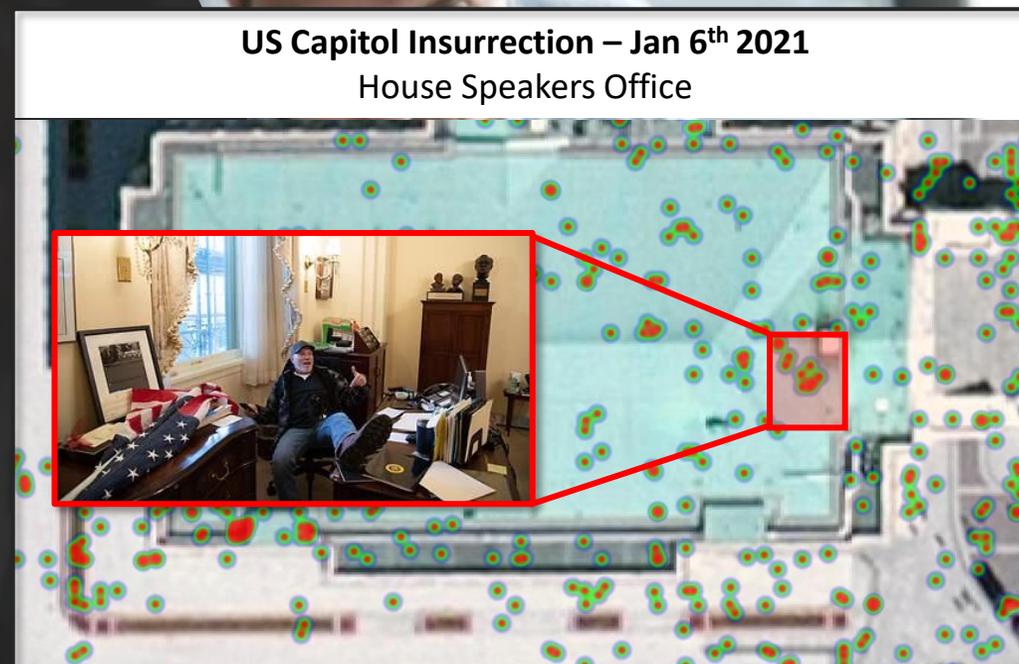
Sample of events in 2020

- On call 365/24/7 – 80+ events covered
- Peril onset early warning
- AI damage classification
- Augmented with media feeds
- Full reporting in 72 hours
- Receive timely damage evidence affecting exposures
- Expediate loss adjustment, reserving and reporting
- Direct operational and field resource more efficiently
- Recover losses more quickly
- Quickly validate to mitigate fraud
- Settle claims more quickly
- Improve customer retention
- Gain a competitive edge with REACT



BUSINESS INTERRUPTION

- Anonymised situational evidence
- Identify periods of activity/inactivity
- Near real-time change detection
- Objective data to support/contest claims
- Contingent applications



GROUND MOVEMENT

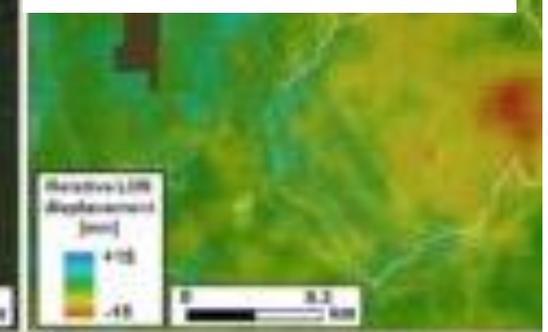
DYNAMIC RISK MONITORING

- Academic partnership – COP26
- Automated change detection and prediction
- Monitor +/-mm VERTICAL/LATERAL surface movements resulting from the effects of climate change or mismanagement
- Measure property and assets on a continual basis
- Compare historic data to understand trends
- Applicable to Peatland management, Carbon offsetting, Tailings dams, Utilities, in-progress Construction and Infrastructure projects.
- Forewarn clients of impending events using unique InSAR techniques – precursor signs of Brumadinho dam collapse

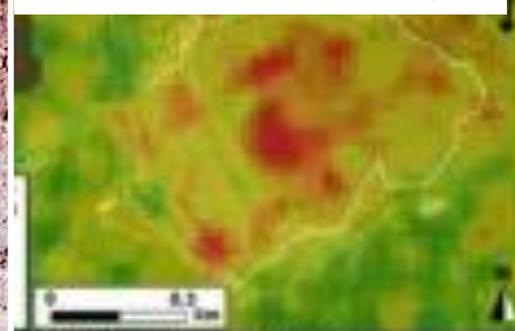
Before dam collapse



Precursor movement – 17/01



Precursor movement – 21/01



After dam collapse – 25/01





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