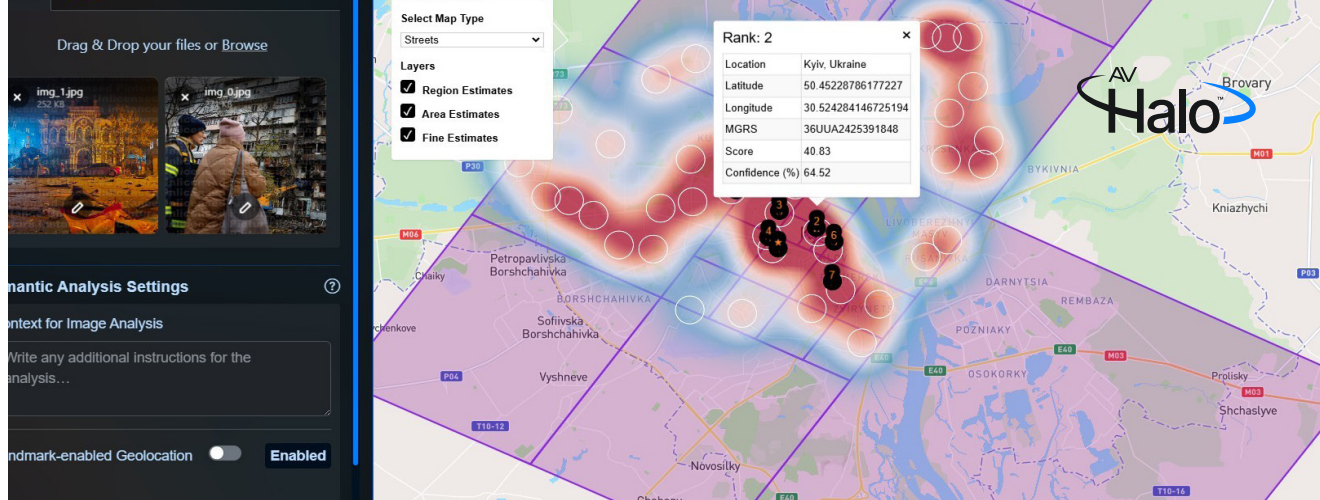**AV_Halo™ Cortex | Scraawl**

PAI ANALYTICS PLATFORM

Scraawl, an AV_Halo™ CORTEX product, is a multi-source, multi-modal platform for collection and exploitation of publicly available information (PAI). Using natural language and Boolean queries, OSINT analysts can search curated live and historical data and then fuse the data with AV's world-class text, image, video, network, and geospatial analytics to gain mission insights.

_Scalable Capabilities

› **Mission-Relevant PAI Search:** Search millions of curated PAI data points across theaters of operation, conflict zones, and global threat regions to efficiently build mission-relevant datasets.

› **Advanced Analytics:** An interactive dashboard provides multiple analytic views—map displays with geo-fencing, automated face and object detection, and network visualizations linking events, entities, and organizations.

› **Drone Threat Analysis:** Integrated with AV's proprietary PAI-sourced drone event tracking tools, Scraawl delivers a unified intelligence picture of drone activity, proximity to assets, and evolving threat indicators.

› **Global Reach:** Access thousands of global news and social media sources continuously collected using language-agnostic, tradecraft-optimized queries for comprehensive worldwide awareness.

› **Image Geolocation Estimation:** Powered by GeoPoint, AV's proprietary geolocation engine, Scraawl estimates precise image and video locations using only visual cues and analyst input—validated through independent third-party A/B testing.

› **Chat with Insight Agent:** AV's GPT-powered Insight Agents enable users to chat directly with datasets. Linked to PAI sources, prior reports, and AV's curated threat intelligence, this delivers faster, more accurate analytic insights.

_Benefits

› **Real-time data and information:** AI-enhanced precision provides near real-time updates and insights from PAI sources without geographic limits.

› **Data-driven insights:** Advanced data processing delivers evidence-based intelligence through world-class analytics.

› **Multi-disciplinary applications:** Supports diverse missions—threat intelligence, indicators and warnings, battle damage assessment, and location analysis.

› **User empowerment:** Enables users to interrogate data directly, receive comprehensive responses, and gain a decisive analytic advantage.
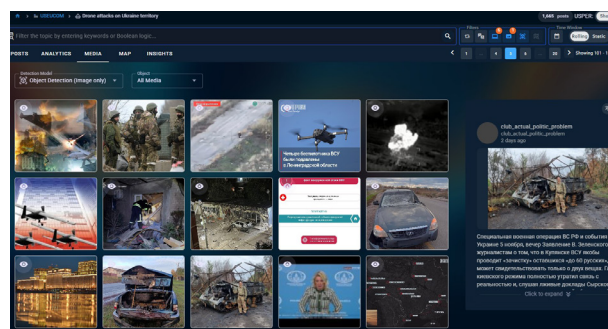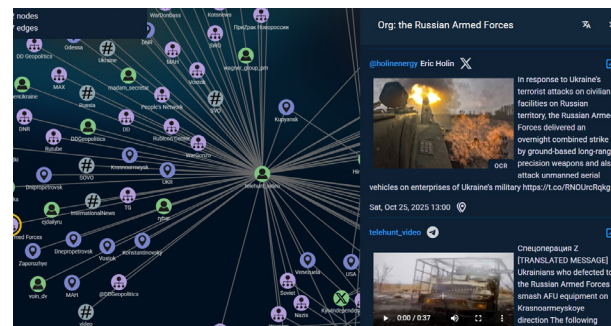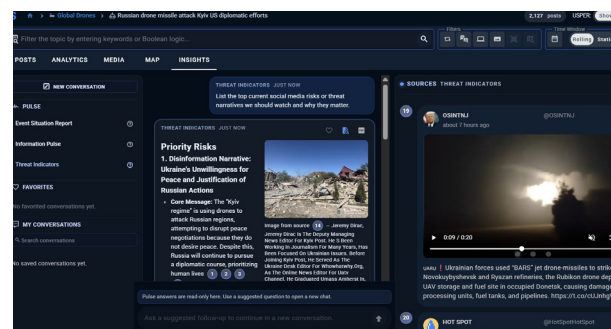

FIGURE 2: NETWORK VISUALIZATION

FIGURE 1: REAL-TIME DATA AND INFORMATION

FIGURE 3: DATA-DRIVEN INSIGHTS