



Real-Time CBRN Situational Awareness for Enhanced Event Safety and Intelligence

Observis ObsSAS LINK provides event organizers with real-time situational awareness by integrating personnel, processes, and technologies into a unified operational picture. This integration reduces risk, enhances response times, and demonstrably supports due diligence under high-pressure conditions.

CBRN Preparedness Challenges at Major Events

Setting up the security systems can become cumbersome

In CBRN security for major events, the principal challenge is fragmented systems and manual processes that fail under stress. Establishing a monitoring network is often cumbersome, relying on portable detection units that are bulky, isolated, and not integrated into a unified system. Pre-, intra-, and post-event security sweeps demand extensive manual effort, increasing operational workload and the risk of human error.

Impaired flow of information

During large-scale events, information flow typically depends on manual reporting and short-wave radios; methods that become unreliable or overwhelmed in an emergency. The absence of real-time location data and live measurement visibility further limits situational awareness, making coordinated response difficult.



Threat control after incident

Once a threat is detected, tracking and isolating it becomes a manual task, even though the threat itself may move dynamically. Without real-time tracking, containment and decision-making are delayed. If evacuation is triggered, controlling exits becomes critical to prevent panic and ensure smooth and safe crowd control. However, without clear visibility of the threat's position, it is difficult to determine which routes remain safe.

Manual debriefing can create gaps in timeline

Lastly, post-event debriefing is heavily reliant on manually transmitted and recorded data, which can be incomplete or inaccurate, thereby undermining learning, accountability, and future preparedness. In the event of an emergency, it is possible that items are overlooked, detections are not documented, and the officers' locations are not entirely known.

ObsAS LINK provides the solution

Rapid deployment and precise situational awareness

ObsAS LINK redefines CBRN event security by enabling the rapid establishment of a fully connected monitoring network within minutes of site arrival. Up to 100 online field units integrate seamlessly into a live operational picture, permitting security sweeps informed by real-time measurements and precise location tracking—automatically recorded for reporting and post-event analysis. All detection data streams directly to the mission control center, removing dependence on fragmented communications and manual reporting.



Helps in tracking and isolating the threat

When a threat is identified, personnel can monitor and track its movement in real time, enabling rapid isolation, coordinated response, and safe apprehension while continuously sharing verified data. During evacuation scenarios, accurate threat positioning supports informed decisions about safe exit routes, reducing panic and minimizing risk.

The ObsAS LINK app also features taking photos, making notes and dropping pins on the map to mark interesting or critical spots as Points of Interest. The pins are immediately shown on the Control Center map and saved to the post-mission reports.

Streamlined debriefing with a comprehensive reporting solution

After the event, comprehensive and time-stamped operational records allow for accurate debriefing, accountability, and continuous improvement—turning response actions into measurable preparedness gains. The report shows all incidents which happened during the mission as well as when and where they happened.





What is ObsSAS LINK?

Creates a CBRN monitoring network within minutes

Observis ObsSAS LINK is a secure, scalable integration platform that connects handheld CBRN detectors into one unified situational awareness system. It transforms individual detection devices into a coordinated operational network, delivering real-time measurement data and precise location visibility directly to the mission center.

Seamless data and location from every field unit

Developed to facilitate defense and security operations in challenging environments, ObsSAS LINK streams data from mobile and remote assets, thereby guaranteeing continuous operational awareness and more informed, speedy decision-making.

It offers a future-proof foundation for resilient CBRN monitoring and response, thanks to its extensive compatibility with leading handheld detectors, strong cybersecurity architecture, and flexible deployment options.

ObsSAS LINK: operationalizing event security planning

Most security challenges are not about knowing what should be done, but about coordination, visibility, and decisive action under pressure. By structuring live data into a single operational picture, ObsSAS LINK transforms security from document-based preparation and reactive response into connected, intelligence-led operations with measurable accountability.



Key Benefits of ObsSAS LINK

ObsSAS LINK delivers end-to-end command, control, coordination, and accountability throughout the entire event lifecycle—from preparation and live operations to post-event reporting.

Enabling command, control, coordination, and accountability throughout the event lifecycle

The system ensures seamless information flow between field units and the mission center, eliminating fragmented communication and reducing reliance on excessive radio traffic. Unlike traditional radio-based systems, ObsSAS LINK avoids “dead zones” and provides a unified platform where every field unit transmits standardized, system-integrated data in real time.

Unified communications platform standardizing field unit data

By integrating all handheld detectors into a single connected network, ObsSAS LINK converts sensor outputs into clear, actionable intelligence.

Real-time measurements and geolocation tracking eliminate critical delays in decision-making during emergencies, enabling faster, data-driven responses. Organizations may embed their standard operating procedures directly within the system and associate them with alarms and events to ensure structured, consistent operational execution. The system also supports legacy detectors in the form of custom ObsSAS LINK connectors providing wireless connectivity for them.

ObsSAS LINK is easy to use and train

The platform is intuitive and easy to train, allowing teams to test, drill, and validate procedures before the event with minimal complexity.

Single source of truth for organizers, security teams, and stakeholders

Comprehensive reporting capabilities consolidate the entire event into a single authoritative record, clearly documenting significant incidents, actions taken, and timelines—thereby delivering robust evidence, transparency, and accountability for the security organizer.

Want to know more?

Contact us at sales@observis.fi
 Visit our website www.observis.fi
 Or contact our sales directly

MENA



TOMMI KAINULAINEN
 General Manager MENA
 +971 50 382 6488
 +358 40 556 2580

Asia & Oceania



SAMULI KIRJALAINEN
 Director, Sales and Marketing
 +358 50 347 4702

Europe



JUKKA HÄRKÖNEN
 Area Manager, Europe
 +358 50 338 5285

