

ELSIGHT MANAGEMENT & INSIGHTS

You Cannot Manage What You Cannot See.

Cloud-Based Fleet Management and Mission Insights

Management & Insights is Elsight's centralized, cloud-based software platform for monitoring and managing Halo devices across your uncrewed fleet. Accessible through a web browser, it brings device status, connectivity, remote configuration, and mission data into one dashboard.

From initial setup to daily operations, teams can configure deployed units, monitor individual communications links, and deliver firmware updates remotely. Recorded RF data, coverage maps, and system logs help operators understand network performance, plan future missions, and investigate connectivity events.

The platform supports Elsight-powered systems across air, land, and maritime operations, with an on-premises deployment option for organizations that need to host the management environment within their own infrastructure.

Real-time monitoring | Remote configuration | OTA updates | Cloud or on-premises

See More. Manage More. Learn More.

Every Device. Every Link. One View.

Monitor every Halo device and its individual links from one dashboard. View device location, connectivity, signal strength, and VPN status in real time. Connectivity alerts help teams identify changes requiring attention.

Simplify Setup. Take Control Remotely.

Streamline onboarding and configure Halo devices remotely. Add or remove devices, manage settings and permissions, and assign units to servers or regions without physical access. Handle routine changes directly, reducing reliance on support.

Keep Your Fleet Current.

Deliver supported firmware updates, new capabilities, and security patches over the air. Update connected devices remotely, reducing the need to bring platforms back for individual servicing.

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Turn Mission Data into Better Decisions.

Map Coverage. Plan with Confidence.

Signal measurements collected during flights become altitude-based, time-aggregated coverage heatmaps. See where and when connectivity is strong or degrades along your actual routes, and use that evidence to plan around coverage gaps before takeoff.

Record RF. Build Operational Evidence.

Halo automatically records network RF conditions during flights and uploads recordings to the management environment. Use these records for post-mission analysis and route optimization, and to support BVLOS submissions and technical reviews with aviation regulators and mobile network operators.

Trace Events. Understand What Changed.

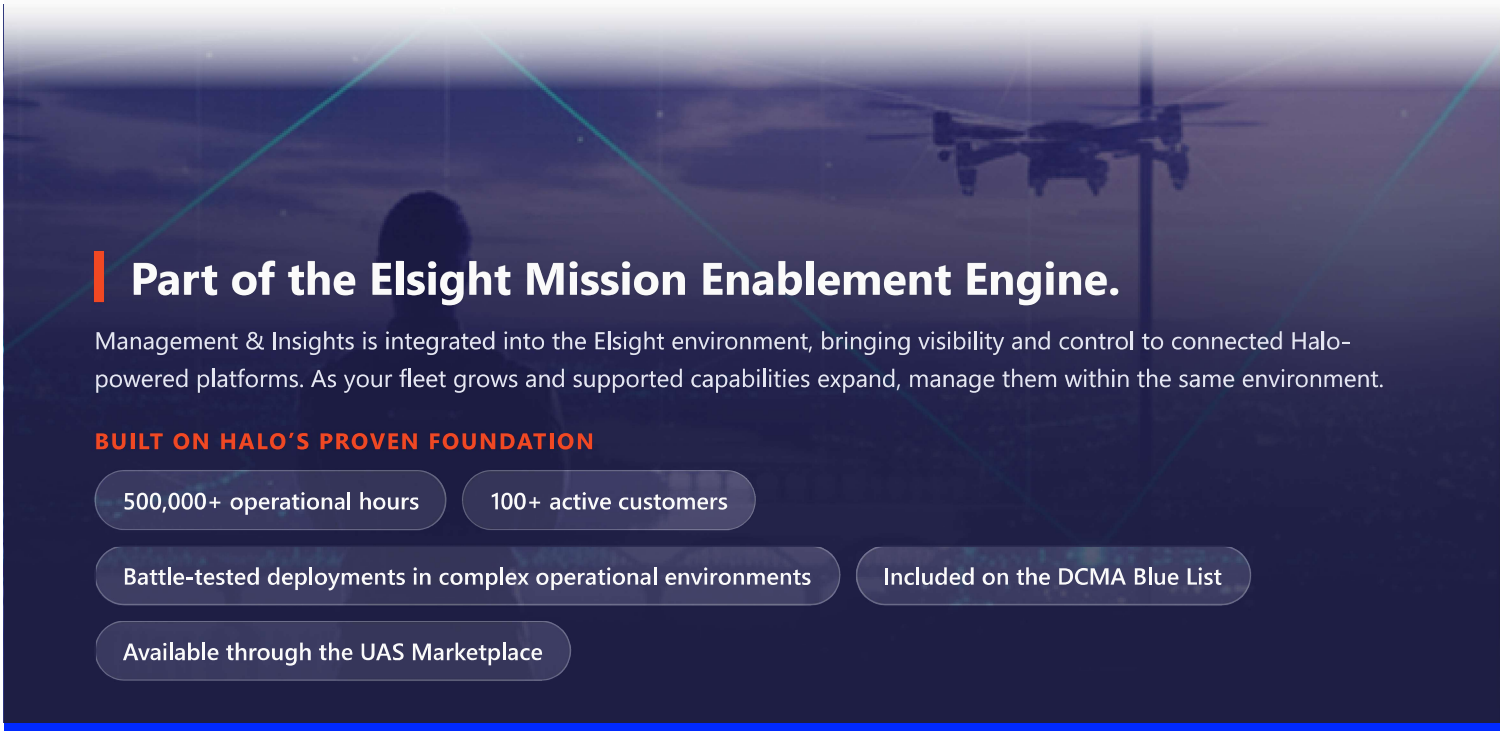
Access system and audit logs covering connectivity events, configuration changes, firmware updates, and user actions. Export records for troubleshooting, incident investigation, compliance documentation, and regulatory review.

Deployment That Fits Your Operations.

Available in cloud or on-premises deployments, with browser-based access for authorized teams according to your network and access policies.

Built Around Your Team.

Designed for fleet operators, mission commanders, OEM partners, operations managers, and compliance teams, from live mission monitoring to support for deployed units and regulatory documentation.



Part of the Elsight Mission Enablement Engine.

Management & Insights is integrated into the Elsight environment, bringing visibility and control to connected Halo-powered platforms. As your fleet grows and supported capabilities expand, manage them within the same environment.

BUILT ON HALO'S PROVEN FOUNDATION

- 500,000+ operational hours
- 100+ active customers
- Battle-tested deployments in complex operational environments
- Included on the DCMA Blue List
- Available through the UAS Marketplace

See Your Fleet. Shape Your Next Mission.

Book a demo to explore Management & Insights, or contact your Elsight account manager to enable access for your fleet.

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