

ZENITH

ZENITH is UAE's sovereign space operations and data orchestration platform unifying access to multi-sensor imagery and data from national, commercial, and allied constellations. It serves as the central hub for discovery, tasking, and delivery of spaceborne data across domains, from Earth observation to space domain awareness, enabling secure, efficient, and coordinated mission operations.

SPECIFICATIONS

KEY FEATURES

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- Unified Access:** Single mission console for managing, visualizing, and ordering multi-sensor data across national, commercial, and allied constellations.
 - Federated Discovery:** Search and access imagery across global providers and FADA's sovereign catalog through unified, standards-based interfaces.
 - Multi-Sensor Fusion:** Overlay and align data from multiple sensors and timeframes to form a unified situational picture for mission awareness and decision-making.
 - Priority Tasking:** Define missions with live feasibility analysis, identifying satellite opportunities and pass windows, and place high-priority acquisition requests.
 - Order Management:** Track and manage imagery orders with role-based permissions, approval workflows, and delivery monitoring.
 - Interoperable by Design:** Modular architecture built on open standards for seamless integration with national systems, ground stations, and partner network