

Facility  
Monitoring

Teamed UAS

Hazardous  
Worksite

Material  
Transfer

Inspection with  
UAS Refueling

Smart Sensor Pods

Mission Planner  
Mobile Device Access

Powered by Kinesis™

## Energy & Infrastructure

Tomahawk Robotics provides the ability to safely monitor and operate remote facilities, providing enhanced productivity and security, through the world's first control system for multi-domain unmanned systems.

Tomahawk Robotics' innovative control software, Kinesis Enterprise, supports the full spectrum of autonomous mission execution to hands-on tasking and teleoperation. Kinesis Enterprise provides users the ability to automate repetitive and/or high risk tasks as well as the ability to seamlessly intervene to address complex scenarios on-the-fly.

Kinesis leverages a dedicated 4G/LTE or mesh network, providing instant access to all assets through a managed cloud-based dashboard that ensures the right data is available to the right user. Cloud connectivity delivers data access and control locally or globally and supports over-the-air upgrades.

Envisioned as a multi-domain collaborative control system, Kinesis enables end users to solve problems bigger than the individual robotic agents by coordinating UAS/UGVs as teams for advanced inspection and/or security tasks.

Designed as a robotic IoT system, Kinesis is built compliant to ROS/IOP standards. This yields unprecedented flexibility to meet evolving requirements with new capabilities and dynamic system scalability.

**Supports autonomous mission execution to hands-on tasking**

**Multi-domain (air/ground/maritime) collaborative system**

**Ubiquitous 4G/LTE or mesh network connectivity across entire site**

**Robotic IoT built on emerging open architecture standards**

**Cloud collaboration gives supervisors insight into events as they happen**