

The SAIC logo is displayed in a bold, white, sans-serif font.

HIGHGROUND MOBILE C2 SYSTEM

The employment characteristics of the HighGround System will meet the requirements of mobility, flexibility, rapid deployment and Battle Management Command and Control (BMC2) to counter emerging near-peer threats.

The system represents a highly adaptable and capable command and control platform that can support a wide range of military operations. Its light footprint and rapid deployment make it particularly suitable for operations in austere or contested environments.

STARSHIELD + TRANSIT



• Starshield Antenna + Router



LINK 16

• MOJO Mini Expeditionary

HIGH AVAILABILITY CLUSTER



CLUSTER 2 SWITCH

- Managed 10 port 10gbs

5 X COMPUTE INTEL D-1746TER 3.1 GHZ (MAX)

- Klas VM4
- 50 Cores totaling 155GHz Processing Power
- 640GB RAM
- 70TB HA Storage
- 28TB Additional Storage
- NVIDIA Ampere A4500 GPU 16GB

HIGH AVAILABILITY CLUSTER



SBU NETWORK

- ESR 2.0

ROSENBRIDGE HAIPE

- KG-250X

SECRET NETWORK

- ESR 2.0

CLUSTER 1 SWITCH

- Managed 10 port 10gbs

5 X COMPUTE INTEL D-1746TER 3.1 GHZ (MAX)

- Klas VM4
- 40 Cores totaling 124GHz Processing Power
- 512GB RAM
- 28TB HA Storage

A highly adaptive system

The light and mobile nature of our solution means that it can relocate swiftly in response to changes on the battlefield, maintaining command and control continuity. In addition, its adaptability to mission requirements allows for easy reconfiguration to meet the specific needs of a mission, whether scaling up for increased capability or down for stealth and speed, its flexibility ensures it can support different mission types spanning the entire Range of Military Operations (RoMO).

Integrated Edge C2

HighGround integrates C2, cloud and edge capabilities into a mobile, rapidly deployable solution. Its flexible architecture connects mission data, applications, communications and compute at the edge, giving operators access to the capabilities they need in austere and contested environments.

SAIC Deployable Node available now

- TS/SCI/SAP Targeting Data with Tactical Fire Support
- Common Data Layer; Maven Smart System; J32/Joint Integrated Fire Cell
- Ability to Test ACE CONOPs in INDOPAC

HighGround use cases

1. Tactical Edge Command & Control in DDIL Environments

Delivers resilient, mobile C2 compute and communications at the forward edge, ensuring mission continuity for warfighters operating in disconnected, degraded, intermittent, or limited (DDIL) connectivity environments.

2. Counter-UAS (C-UAS) Detection & Response

Provides the on-site processing power and low-latency data integration needed to detect, track, and defeat unmanned aerial threats in real time — without dependence on reach-back connectivity to enterprise cloud.

3. Multi-Domain Intelligence Processing at the Edge (GEOINT/SIGINT)

Enables forward-deployed units to ingest, fuse, and analyze GEOINT and SIGINT data at the point of need, delivering actionable intelligence to warfighters faster than traditional cloud-dependent architectures.

4. Secure Cross-Domain Data Sharing with Coalition & Mission Partners

Supports real-time, policy-driven data sharing across classification levels and with FVEY and partner nation forces through integrated cross-domain solutions — enabling true coalition interoperability without compromising security.

5. AI/ML-Enabled Decision Support for Forward-Deployed Forces

Embeds artificial intelligence and machine learning directly at the tactical edge, providing commanders with real-time predictive analytics, threat correlation, and situational awareness — even in austere or contested environments.

