INTEGRITY
—SYSTEMS—

COMMUNICATIONS SUITE

PATE GROUP
www.pategroup-inc.com

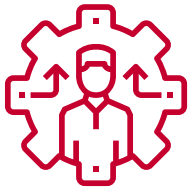
GLACIER
www.glacier.chat

CIS SECURE
www.cissecure.com

HUCKWORTHY
WIRELESS THINGS
www.huckworthy.com

FENIX GROUP, INC.
CREATIVE INTELLIGENCE. APPLIED.
www.fenixgroup.com

MOBILITY THREATS



Insider

Mobile tracking

Targeted attacks

Travel

Supply chain attacks

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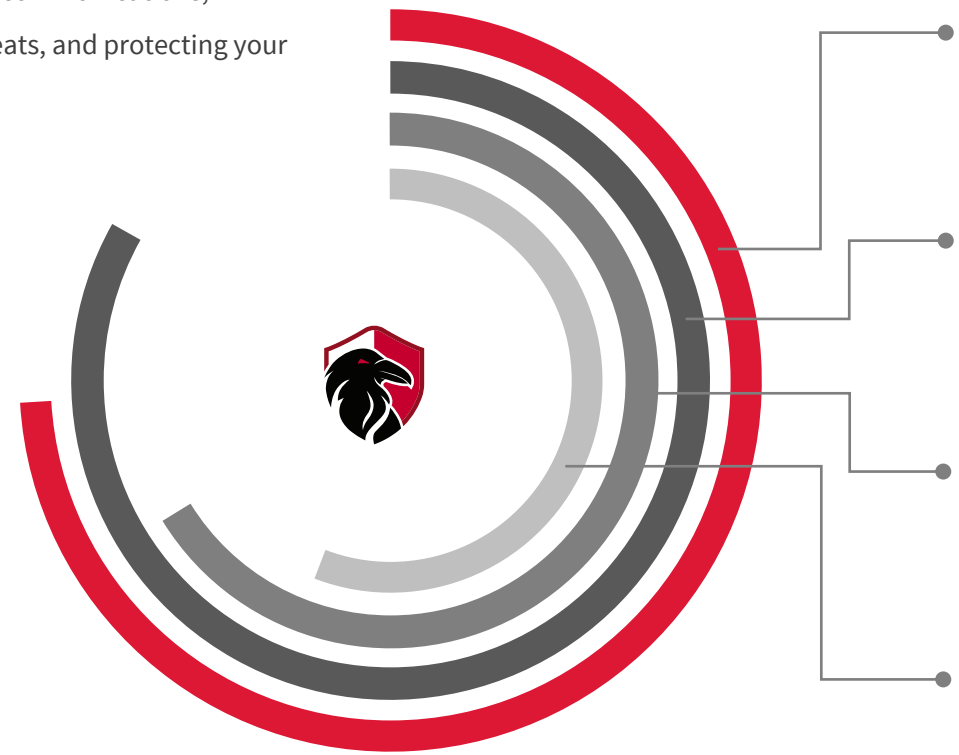
Secure Mobility with Mobile altOS

This provides a multi - staged approach to securing your high threat users and their devices by encrypting communications, mitigating mobile threats, and protecting your devices.



ENCRYPTED COMMUNICATIONS

End-to-end encrypted text, voice, video, and file sharing between all trusted and authenticated users. Obfuscation of Calling, SMS, Network Traffic, User and device anonymity.

OS w/MULTIPLE CONTAINERS

For Covert and overseas travel, multiple containers provide persona and spoofing protection. Secondary Containers add multi-persona capability. Attach Obfuscated virtual calling numbers by container.

THREAT DETECTION

Devices are monitored for malware and man -in-the-middle attacks. Network analyzes billions of events to detect anomalies and data leaks.

RAPID DEPLOYMENT

Enforce device compliance and the use of corporate applications. Verify device meets security policy before giving access to corporate data.

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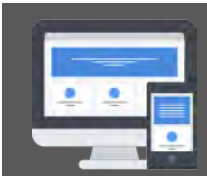
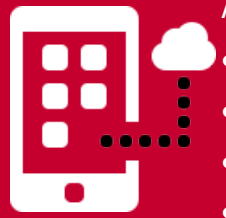
Containers: Administrator Controls



Commands
- Lock / wipe / reboot
- Add container
- Reset password
- Status update

Notifications
- Text
- Text + URL



Apps
- Pre -installed apps
- Install apps
- Disable apps
- Google Play
- Unknown sources
- Disable side loading

Connections
- Server connectivity
- OTA updates
- Wi-Fi
- Cellular data
- Exclusive network access
- VPN
- Private APN

Hardware Interfaces
- GPS
- Camera
- Microphone
- Cellular
- Wi-Fi
- Bluetooth

Access Control
- PW / PIN / biometric
- Strength
- Time -out
- Exit on sleep

Other
- Automatic Ad ID reset
- Usage access
- Disable Backup
- Wipe code
- Secure/Discreet Mode settings
- Container wallpaper
- Wipe on ADB enable

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Admin Console

1. Device security insights
2. Device OS and app update notifications
3. Device biometric and PIN checks
4. Create, delete and manage users/teams
5. Assign globally sourced virtual numbers for SMS
6. Create alias users (no email or phone number)
7. Check last activity and device status messages

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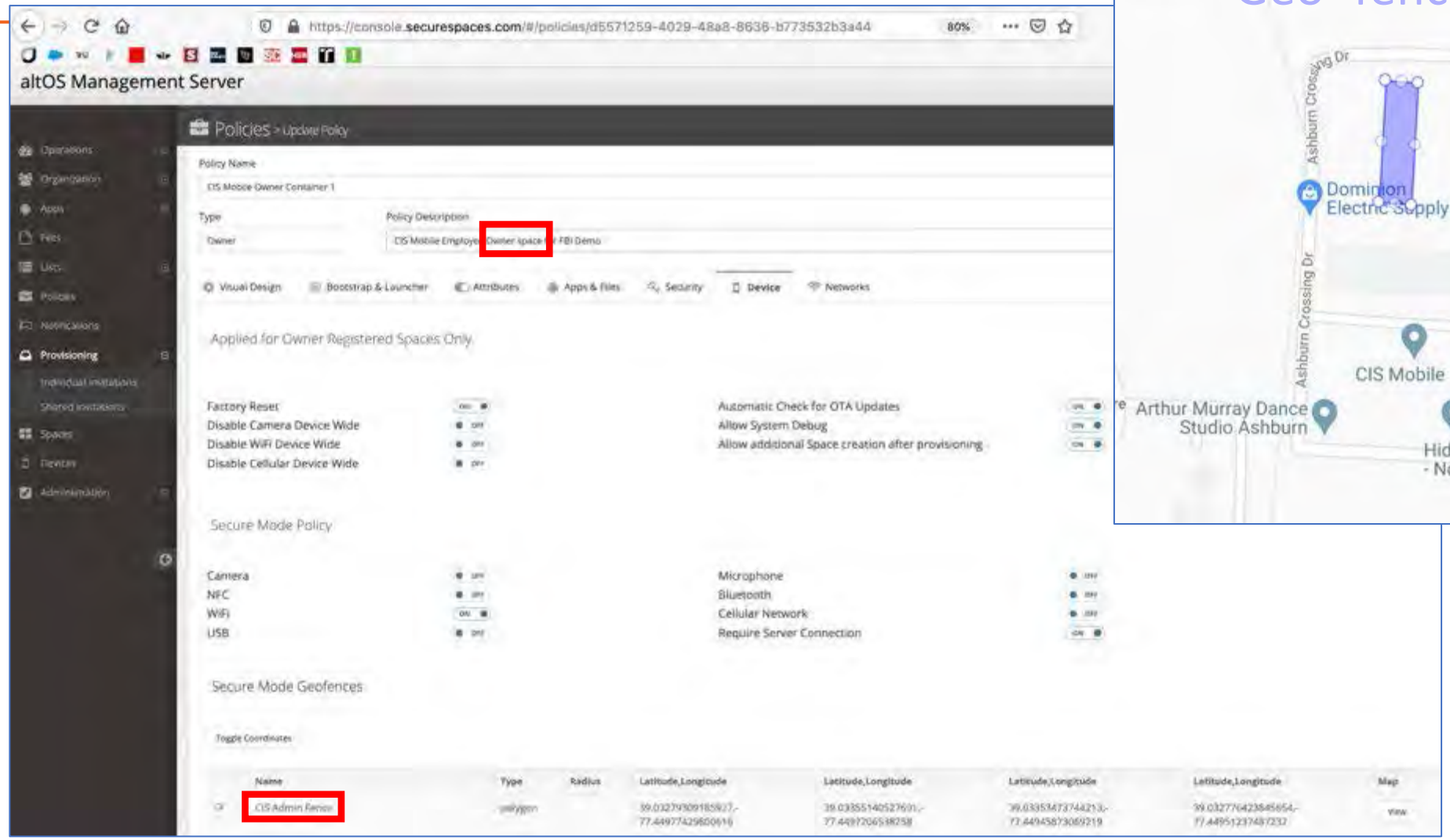
Ease of Management



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TMN™ SmartSIM ECOSYSTEM

TMN SmartSIM

SERVICES

Private-Public Network Roaming:

- SmartSIM Public Private Data Roaming Service is based on a dual-identity SIM that home beacons to known private networks where the SIM is authorized by whitelist/blacklist in core, such as TMN ERSO, BTR or BMR.
- The SIM always homes to the most secure network, the pre-programmed client private networks, but also has global or regional roaming capabilities that allow the SIM to roam onto public data network infrastructure opportunistically where private infrastructure is not available. The SIM user can therefore continue to operate with encrypted communications anywhere globally, with the SIM automatically moving to and from government networks where that SIM is authorized to operate (different sites can have different users, just like any IT network). Service is customized on a client by client basis to ensure optimized home beaconing and the ability to select roaming zones/capabilities/data limits. Voice, video and data are possible through encrypted applications. Native voice and messaging are disabled to reduce risk and ensure Device Management interoperability for data control.

Obfuscation Tools:

- SmartSIM IMSIs can be programmed to change IMSI either on an automated basis or in real time via customized API and client specific control interface.This allows the IMSI to (roll) based on various regions the operator moves in and out of.

- For approved clients, Integrity Systems also offers device oriented TMN-BRAÜ-IMEI obfuscation capabilities. Please enquire for details.

Location Services Tools:

- API Based Location Services for Tracking Friendly/Unfriendly Communications and IOT Devices Globally Across Public Networks. TMN-BRAÜ-Location.

The Combination of TMN SmartSIM IMSI, IMEI Obfuscation, Location Services and Encryption with Interoperability functions offers the highest level of network intelligence in any known platform.

All SmartSIM Capabilities are a Customized Setup and Implementation is based on each Clients requirements


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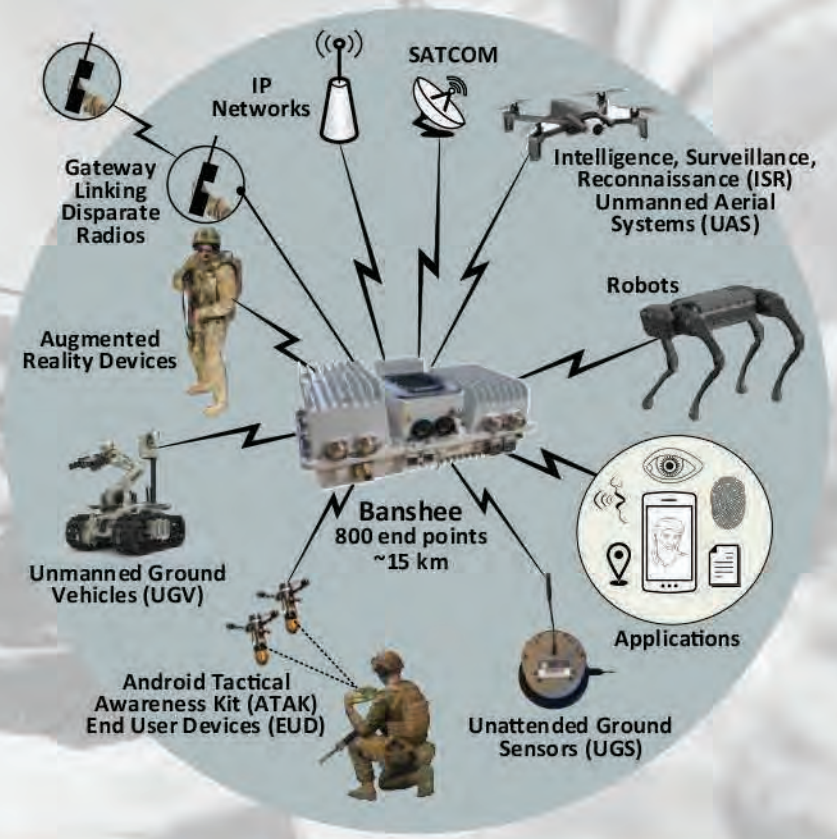
"The network enables ... the decision making, the leadership and the combat power"
- Col. John Perrine, U.S. Army Cyber Command
Transport-Agnostic Mobile Broadband Tactical Edge Networks

Battlefield of Things® Sensor Ecosystem

Transport-Agnostic Mobile Broadband Tactical Edge Networks

- Integrated MANET + Telemetry + 4G/LTE networks with next-generation sensor ecosystem connectivity and edge cloud services.
- Solution goes well beyond TAK-enabled User Equipment (UE) for Situational Awareness (SA).
- In addition to secure phones providing PTT and democratizing access to sensors on the network via ATAK, our approach pairs secure 4G/LTE nodes with:
  - Fixed-wing vertical take-off and landing (VTOL) aircraft
  - Battlefield robots
  - sUAS organic ISR as LTE-enabled sensors
  - Counter-UAS (C-UAS) platforms
  - Common Operating Picture (COP)
  - Seamless integration to local carrier networks, SATCOM backhaul, or any IP medium

This approach increases warfighter lethality while reducing risk, complexity, and cost over legacy systems.



*** *"As a DUAL-USE System, the Level 4 package meets or exceeds the communications requirements in support of the "Defense Support of Civil Authorities (DSCA) Mission"***

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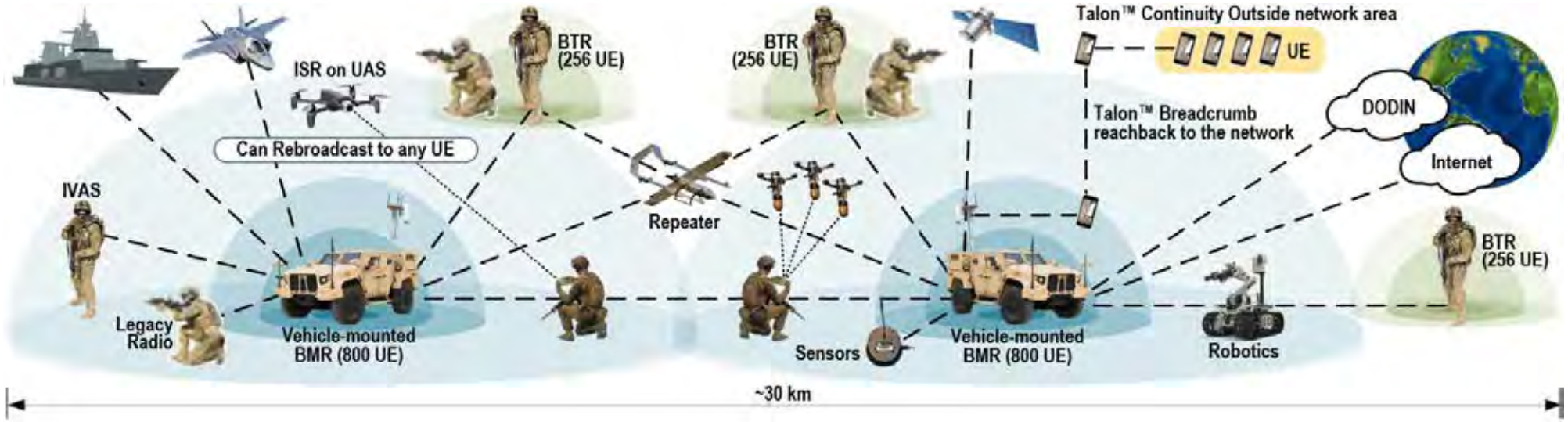
Banshee Integrated Tactical Edge Network OV-1

Transport-Agnostic Mobile Broadband Tactical Edge Networks



Banshee Mobile Radio (BMR) Features

- Dual 2x 5W MIMO LTE bands, available in bands: 3/7, 2/66, 1/3, 1/7, 7/66, 48
- Up to 800 concurrent users sharing up to 300 Mbps DL / 100 Mbps UL
- Range up to 7km radius (ideal conditions)
- Onboard 4G/LTE Evolved Packet Core (EPC)
- Integrated mesh radio for backhaul, MPU5 standard, other options
- Embedded computer for edge data services; onboard TAK server
- Rugged for harsh environments
- GPS-less configurations operate in GPS denied environments
- 128-bit AES, 256-bit AES, CSfC compatible, Type 1 encryptor compatible
- Graphical User Interface (GUI)-based remote network management
- No annual licenses
- < 25 lbs

Banshee Tactical Radio (BTR) Features

- Man-portable variant
- Dual 2x 250mW MIMO LTE bands, available in bands: 1/3, 3/7, 5/66
- Configurable up to 256 concurrent users sharing up to 300 Mbps DL / 100 Mbps UL
- Range up to 1km radius (ideal conditions)
- Battery powered
- 20 lbs, including 2 batteries

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Overmatch the Enemy with Intelligence at the Edge

Transport-Agnostic Mobile Broadband Tactical Edge Networks

Increased Soldier Lethality: Fused ISR, fires, SA and sensors at the tactical edge.

Decreased Risk: Know what is around the corner without having to call higher.

Lower Time to Train: Soldiers are familiar with smartphone and mobile networks.

Common C2/Telemetry Link: Control battlefield robots as “surrogate soldiers,” organic ISR, cameras, and unattended ground sensors from a common IP network – even with disparate RoIP radios.

Edge Computing: Integrated compute power in every system to enable rapid and agile data processing and analysis.

Decreased Cost: Commoditized battlefield networks scalable to brigades – not just for small forces.

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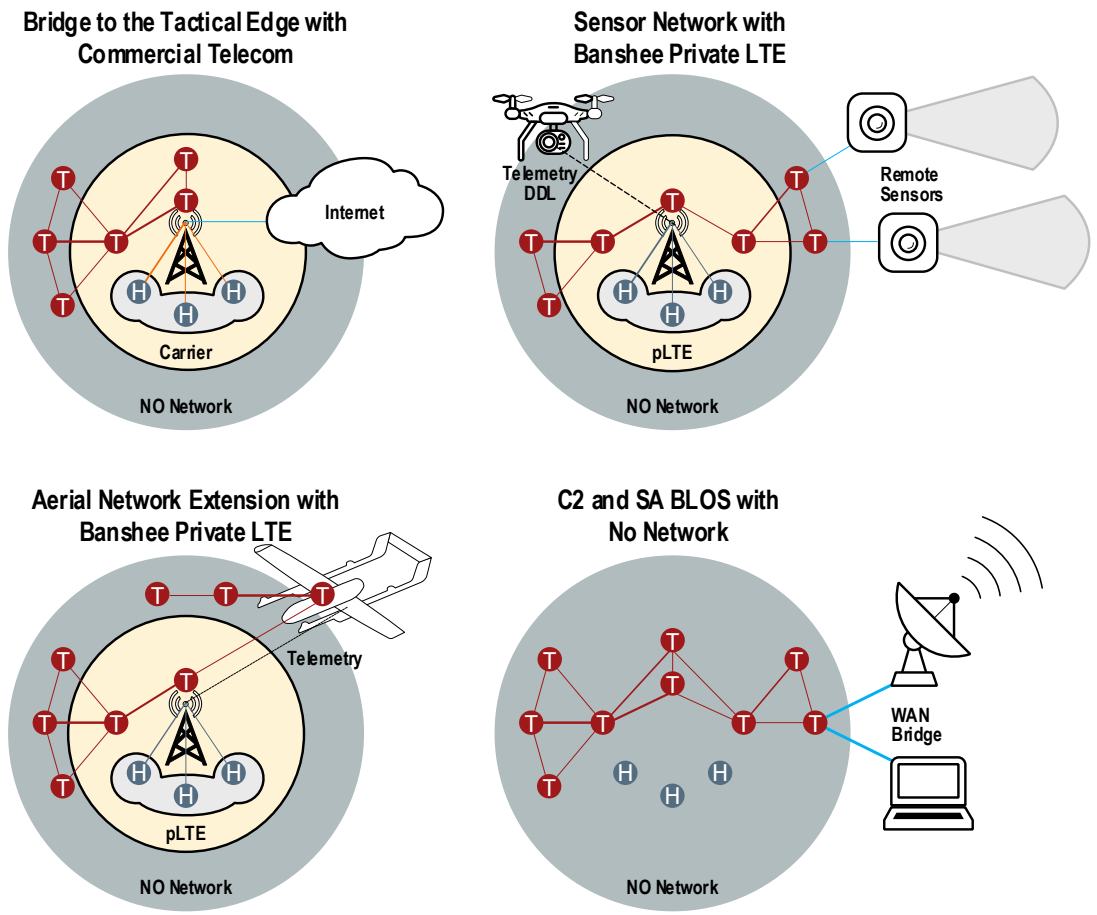
Talon Personal Ubiquitous Communication (PUC)

Transport-Agnostic Mobile Broadband Tactical Edge Networks



[1] Third party gateway required to bridge the Talon network in commercial telecom configuration.

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"The network enables ... the decision making, the leadership and the combat power"
- Col. John Perrine, U.S. Army Cyber Command

Transport-Agnostic Mobile Broadband Tactical Edge Networks

For Questions Contact:

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