NIGHTWING

GLOBALTRAC

Centralized monitoring & device management

GlobalTrac is a powerful tool that provides global access to a secure network of connected systems and personnel for full-spectrum, real-time team situational awareness. GlobalTrac is simple, safe and secure, designed to integrate with the cybersecurity protocols of today and tomorrow.

PROTECTING YOUR GLOBALLY DISPERSED WORKFORCE

To meet mission critical, team situational awareness requirements for organizations that operate on a global scale, Nightwing has developed GlobalTrac, a proven Command, Control and Communications (C3) solution that offers unparalleled security and connectivity features.

GlobalTrac's data-rich common operating picture provides users with track-data visualization, device and user-account management, secure communication and data-sharing, personnel safety and accountability features, and more.

GlobalTrac is a centralized hub for a globally connected architecture of devices and data sources, bridging multiple communications paths and integrated devices to permit the seamless interoperability of connected systems. With its centralized encryption key management functionality, GlobalTrac provides end-to-end data encryption and permits secure communications among devices and users across networks.

Through a secure web interface, users can account for personnel, receive status updates, track assets and targets, and communicate with linked team members
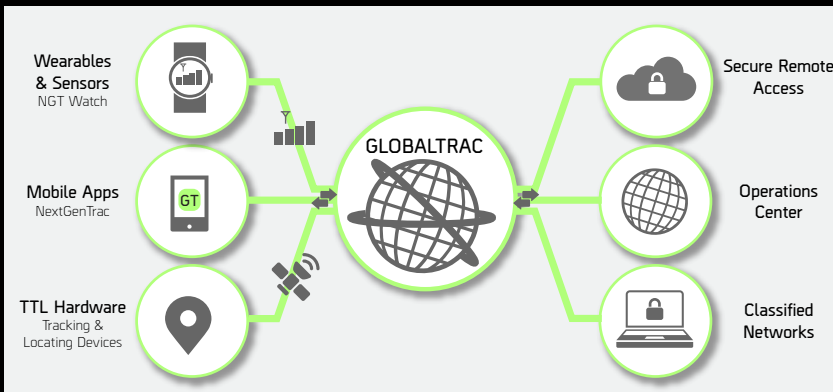
GlobalTrac furnishes a COP for linked devices and incorporates tools for:

- Personnel safety, accountability and emergency operations workflows
- Centralized monitoring, management and messaging
- High-fidelity device status and position tracking
- Geospatial data visualization and situational awareness
- Geo-fence-based device triggers and emergency alerts
- Secure bidirectional text, file, audio and video communications

Applications

- Duty of care responsibilities or safety and accountability of personnel
- Asset tracking and management during emergency response
- Tactical military operations
- Personnel recovery and search and rescue operations
- Intelligence missions
- Law enforcement operations and officer safety

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GLOBAL SITUATIONAL AWARENESS

Wearables & Sensors
NGT Watch

Mobile Apps
NextGenTrac

TTL Hardware
Tracking & Locating Devices

GLOBALTRAC

Secure Remote Access

Operations Center

Classified Networks

TIERED SUPPORT SERVICES

- 24x7 customer help desk
- 24x7 automated back-end system monitoring and support
- Customized application and device training
- Software & systems engineering support for customizations, integrations & enhancements
- Security engineering support for system certification and accreditation activities
- On-site personnel for mission support

KEY FEATURES & BENEFITS

END-TO-END SECURITY
- Integrates with cybersecurity tools to meet requirements such as NIST SP 800-207 and DISA's Zero Trust Architecture
- Gives users secure access via an encrypted web interface
- Provides flexible options for hosting and support; can be hosted on a closed customer network if required
- Ensures secure, multi-authenticated access for users worldwide
- Provides emergency signaling and secure encrypted messaging
- Includes Nightwing's "Pulse" personnel accountability management system

REMOTE MONITORING AND MANAGEMENT
- Enables centralized or remote monitoring and management of linked devices
- Permits data and messages to be transmitted globally to smartphones using NexGenTrac, Nightwing's mobile situational awareness application, to provide an on-the-move tracking and monitoring capability
- Provides a hierarchical access control model for device and user management
- Enables command and control of Nightwing's two-way devices, as well as third-party devices

SEAMLESS INTEGRATION
- Allows seamless and secure communication and data sharing among multiple communication paths to include cellular, satellite and Internet protocol (IP)
- Works with Nightwing's family of tagging, tracking and locating (TTL) products
- Permits third-party devices to be integrated, displayed and monitored in the same interface
- Allows real-time data export to customer command and control systems to leverage existing capabilities and investments
- Connectivity to other classified and unclassified networks and systems as required, to include TAK servers for display and distribution to provisioned ATAK devices

DATA VISUALIZATION AND ANALYSIS
- Incorporates tools for geospatial data visualization, data filtering and analysis
- Enables centralized or remote monitoring and control

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