



Success Stories



Successful Deployment of Winmate's Intelligent Defense Solutions

Enhancing Border Security with Smart Armored Vehicles and Unmanned Reconnaissance Aircraft

Background

Northern Europe faces diverse security challenges, necessitating advanced defense mechanisms to safeguard its borders effectively. Traditional methods of reconnaissance and border patrol are often insufficient, prompting the need for sophisticated solutions that combine intelligence with mobility.

Main Challenges

- **Border Surveillance:** Effectively monitoring expansive borders, often spanning diverse terrains and weather conditions, requires constant vigilance and comprehensive coverage.
- **Tactical Intelligence:** Gathering real-time intelligence on potential threats and intrusions is crucial for preemptive defense strategies and rapid response.
- **Interoperability:** Ensuring seamless communication and coordination between ground-based assets and aerial surveillance platforms is essential for cohesive defense operations.

Core Products

- **FM12E-VML** - 12.1-inch Intel Atom® x6413E Vehicle Mounted Computer Defence Panel PC
- **G101TG** - 10.1-inch Rugged Ground Control Station

Why Winmate

- **Enhanced Border Security:** The integration of Winmate solutions has significantly enhanced border surveillance capabilities, enabling proactive monitoring and detection of potential threats along Northern Europe's borders.
- **Improved Tactical Intelligence:** Real-time intelligence gathered by intelligent unmanned reconnaissance aircraft allows military commanders to make informed decisions, deploy resources effectively, and respond rapidly to border incidents.
- **Operational Efficiency:** The seamless integration and interoperability of Winmate solutions streamline defense operations, optimizing resource allocation, and maximizing the effectiveness of military personnel.

Wimate's Military 12-inch VMC and 10.1-inch GCS G101TG, have revolutionized defense operations in Northern Europe, providing the military with advanced tools to safeguard its borders effectively. By combining intelligence, mobility, and interoperability, these solutions exemplify Winmate's commitment to innovation and excellence in defense technology, ensuring the region's security in an ever-evolving threat landscape.

Application Diagram

Successful Deployment of Winmate's Intelligent Defense Solutions

Enhancing Border Security with Smart Armored Vehicles and Unmanned Reconnaissance Aircraft



Related Products

Winmate FM12E-VML



- 12.1" Intel Atom® x6413E Vehicle Mounted Computer Defence Panel PC
- Intel® Elkhart lake x6413E Processor
- 12.1" 1024 x 768 Panel with PCAP touch screen in vehicle computer
- IP65 waterproof and dustproof
- Wide power input 10-60V DC with ignition
- Wide range operating temperature
- Support VESA Mount
- IO ports with Defence grade 38999 connectors
- Compliant with MIL-STD 810G/H and MIL-STD 461E/F/G

Winmate G101TG



- 10.1" Intel® Tiger Lake Rugged Ground Control Station
- Low Latency video SW decoder for real-time high-resolution video viewing
- All-weather, dust, and water-resistant design (IP65). MIL-grade drop, Shock and vibration
- Supports WIFI, BT and optional 4G/5G
- Embedded TPM IC and Optional OPAL SSD
- Providing improved wireless connectivity and stability Ground Control Station
- With a removable second battery and a battery life of over 10 hours is a must-have tool for serious UAV pilots