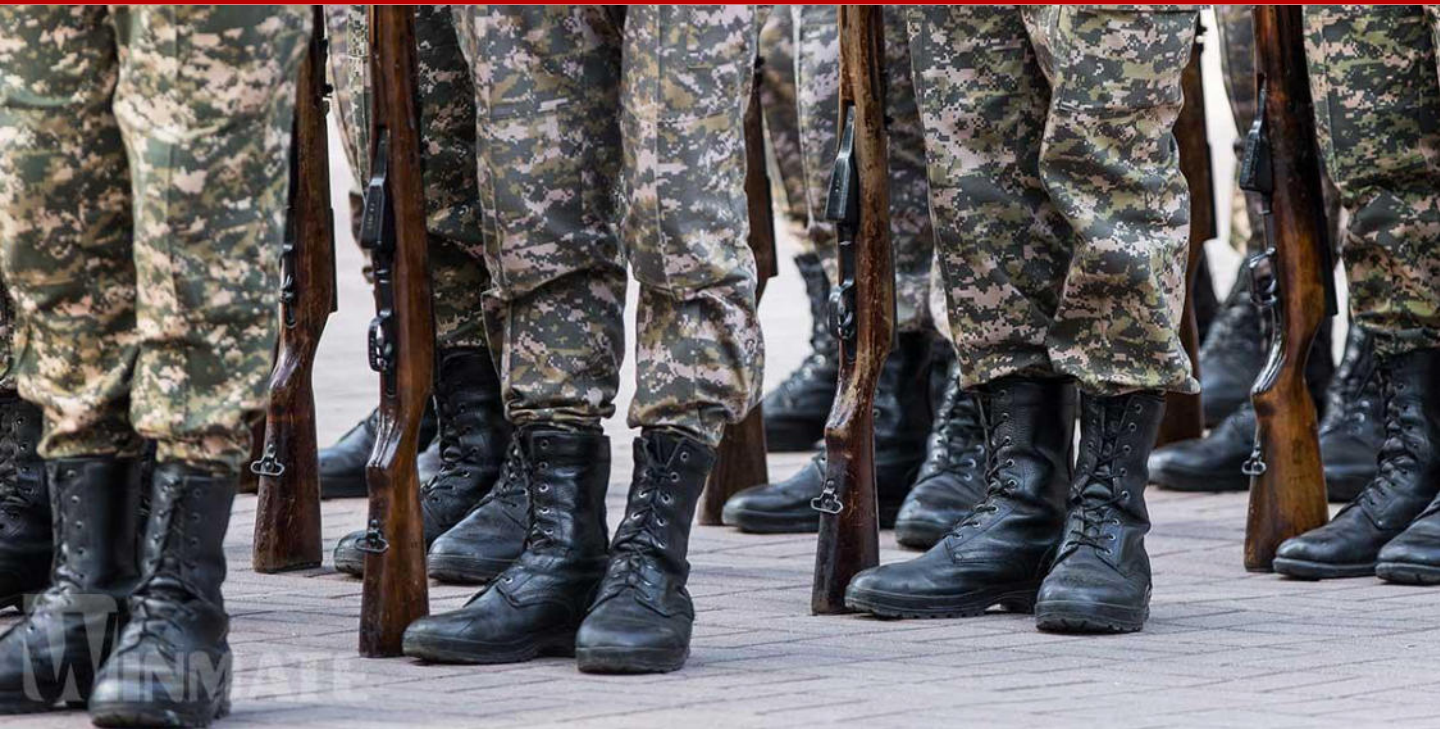


# Success Stories



## Winmate's Success in South American Military Exercises

*Enhancing Operational Efficiency with Winmate Military 12.1-inch VMC and 15.6-inch UAV Ground Control Station*

# Background

South American armed forces regularly conduct military exercises to maintain readiness and ensure operational preparedness. These exercises often simulate real-world scenarios, requiring advanced technology to facilitate communication, coordination, and data analysis.

## Main Challenges

- **Situational Awareness:** Maintaining real-time situational awareness across diverse terrains and environments is crucial for successful military operations.
- **Data Transmission:** Efficient transmission of imagery, maps, and intelligence data between ground units and command centers is essential for informed decision-making.
- **Command and Control:** Providing commanders with reliable, portable command and control systems for on-site coordination and decision-making is vital.

## Core Products

- **FM14E-VML** - 12.1-inch Vehicle Mounted Computer Defence Panel PC with Intel® Atom® x6413E
- **G156AD-SUIT** - 15.6-inch Intel® Core™ i5-1335U Rugged Ground Control Station Suitcase

# Why Winmate

## 1. Winmate Military 12.1" VMC:

- The [Winmate Military 12.1" VMC](#) serves as the central computing hub within military vehicles, offering ruggedized construction and powerful processing capabilities.
- Equipped with advanced communication interfaces and compatibility with various military peripherals, the VMC provides soldiers with access to critical data and intelligence on the battlefield.

## 2. Winmate 15.6" UAV Ground Control Station:

- The [Winmate 15.6" UAV Ground Control Station](#) enables operators to remotely control unmanned aerial vehicles (UAVs) and receive real-time video feeds and sensor data.
- Its rugged design and high-resolution display make it suitable for use in challenging outdoor environments, providing reliable support for reconnaissance and surveillance missions.

## 3. Winmate 15.6" AI Rugged Laptop:

- The [Winmate 15.6" AI rugged laptop](#) serves as a portable command and control center for field commanders, allowing them to access mission-critical information and coordinate operations on the ground.
- Its AI capabilities enable advanced data analysis and decision support, empowering commanders to make informed decisions quickly and effectively.

Winate's [Military 12.1" VMC](#), [15.6" UAV Ground Control Station](#), and [15.6" AI rugged laptop](#) have proven instrumental in enhancing the capabilities of South American armed forces during military exercises. By providing reliable, ruggedized solutions tailored to the demands of defense applications, Winmate continues to support military organizations worldwide in achieving their operational objectives.

# Application Diagram

## Winmate's Success in South American Military Exercises

Enhancing Operational Efficiency with Winmate Military 12.1" VMC and 15.6" UAV Ground Control Station



# 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 G156AD-SUIT



- 15.6" Intel® Core™ i5-1235U Rugged Ground Control Station Suitcase
- Dust, and water-resistant design (IP65). MIL-grade drop, Shock and vibration
- Packed with 2 replacement batteries and boasting a long battery life, this is a must-have tool for serious UAV pilots.
- Packed in rugged and waterproof case for better protection and easy carrying solution



## Winmate L156AD-4KM1



- 15.6inch Rugged Laptop with Intel® Alder Lake Processor
- 12th generation Intel® Processor Family – Alder Lake Processor
- 15.6" 4K Panel resolution with PCAP touch
- Optional discrete Nvidia Graphic card
- Dual battery with hot-swappable design for whole-day-work
- Anti-glare technology for sunlight readability
- Magnesium alloy enclosure with double injection for drop protection
- IP65 waterproof and dustproof
- Optional GPU Graphic Cards