



GlobalGrid™

Unified Real Time Command And Control Interface

The GlobalGrid™ Command and Control System is a state-of-the-art technology that offers a real-time digital twin of an organization's security and defence resources such as teams, sensors, weapons, vehicles, and other assets. The system is designed to display all of this information on a cutting-edge multitouch table, which offers a highly intuitive and user-friendly interface for commanders to view, track, and control all of their resources from a central location.

Using the GlobalGrid™ system, a commander can quickly gain a comprehensive understanding of the organization's current situation and assets, as well as track their movements and activities in real-time. The system offers a highly responsive interface that allows users to easily zoom in and out, navigate through different areas of interest, and view critical data such as sensor readings and intelligence reports.

Moreover, the GlobalGrid™ system provides commanders with advanced control capabilities, allowing them to manage their resources and respond to changing situations rapidly. The system offers a variety of tools and features, such as the ability to deploy and direct teams, command and control weapons systems, monitor vehicle movements, and analyze sensor data, all in real-time.

Specs For GlobalGrid™ Table & Tablet

GlobalGrid™ Table

Interactive Display

- TES (formerly 3MTM) projected capacitive touch sensor
- 4K UHD (3840x2160) LG commercial display rated 24/7
- ±5 ms touch response time
- 80 touch points with palm rejection
- 55" diagonal, strengthened, anti-stiction, 4mm glass surface
- Native contrast ratio 1100:1 > 500 nit (cd/m2) luminance

Integrated System

- Single push-button power
- Custom lockable enclosure
- Windows 11 Pro
- Stereo amplifier with two 90W Yamaha speakers
- Universal 110-240V power system
- 4 amps or 400 W at max load, approximately 1 amp at idle.
- Intel Core i9-10900X processor
- RTX A5000 NVIDIA graphics card
- 64GB DDR4 RAM with upgradable additional RAM
- Dual 1TB NVMe M.2 SSD with upgradable storage options
- Full ATX Motherboard with additional PCIe slots for customization options

Connectivity

- TPM/TPP compatible for secure environments
- WiFi 802.11 a/b/g/n/ac, Ethernet, Bluetooth 5.0
- Direct access via USB ports > HDMI Output (PC)
- Wireless keyboard with integrated trackpad > RFID (optional)
- Communication hardware can be removed upon request for secure environments

GlobalGrid™ Tablet

Specs

Brand: Apple
Model name: iPad Pro
Memory storage capacity: 256 GB
Screen size: 12.9 Inches
Operating system: iPadOS
Colour: Silver
RAM memory installed size: 8 GB
Generation: 6th Generation
Item weight: 0.68 Kilograms

Features

- Brilliant 12.9-inch Liquid Retina XDR display with ProMotion, True Tone, and P3 wide color
- M2 chip with 8-core CPU and 10-core GPU
- 12MP Wide camera, 10MP Ultra Wide back camera, and LiDAR Scanner for immersive AR
- 12MP Ultra Wide front camera with Center Stage
- Stay connected with ultrafast Wi-Fi 6E

GlobalGrid™ Software Features

- **Drone Tracking:** GlobalGrid™ provides real-time monitoring and tracking of both authorized and unauthorized drones, allowing security personnel to identify their location, flight path, and potential threats.
- **People Tracking:** The system uses advanced AI algorithms and facial recognition technology to track individuals within the monitored area, enabling security teams to identify suspicious or unauthorized personnel.
- **Weapon Detection:** GlobalGrid™ is equipped with sophisticated weapon detection capabilities, utilizing machine learning algorithms to identify and alert security personnel about the presence of firearms or other dangerous weapons.
- **Sensor and Camera Integration:** It seamlessly integrates with existing sensor networks and security cameras, consolidating data from multiple sources to provide comprehensive situational awareness and enhance threat detection.
- **Building and Machine Monitoring:** The software extends its monitoring capabilities beyond individuals and drones to include buildings and machines, enabling security personnel to detect any unusual activities or tampering attempts, ensuring the overall security of the premises.