



# Ness Control

## Digital Ground C<sup>4</sup>I System for Tactical Units

- ▶ State-of-the-art map display
- ▶ Real-time situation picture
- ▶ Multiple datacom modes
- ▶ Flexible configuration
- ▶ Rapid deployment
- ▶ Superior scalability

Ness Control is a digital ground Control system for mobile tactical units. Offering a comprehensive set of cutting-edge mapping tools and other utilities, Ness Control allows for the input, management, editing, distribution and collection of data in real time. The system's unique architecture enables rapid implementation of small to large deployments - from two PDAs up to a full-scale, multiple-level system - with superior flexibility and scalability.

During war or emergency conditions, when every second is critical, Ness Control empowers users to take immediate control of a situation. The system rapidly assesses the distance between the scene and initial responders, the length of time it will take for them to arrive, and the most expeditious route. With this information, commanders can quickly create action plans and make better, more informed decisions. Plans also can be customized on the fly, adapting to the current situation at hand.

Running on PCs, laptops, tablet computers and PDAs, Ness Control is designed to operate in hostile, unstable and rugged environments.

### Typical Applications

- ▶ Military C<sup>4</sup>I system for tactical units
- ▶ C<sup>4</sup>I system for homeland security
- ▶ Anti-terror units
- ▶ Border security and control
- ▶ Municipal security
- ▶ High-risk facility security
- ▶ Event security
- ▶ First-response unit management
- ▶ Mobile system for disaster control
- ▶ Fleet management
- ▶ Emergency management system (EMS)



## Key Capabilities

### Mapping and graphics

Displaying an array of maps - including raster, satellite and vector - Ness' proprietary NTMDS GIS-based mapping engine enables real-time control and response.

### Navigation and orientation

Ness Control allows for a wide range of navigation and orientation capabilities including GPS positioning, navigation route planning, and displaying the complete route of maneuvers.



#### Specifications

##### ▶ Supported operating systems:

- Windows 2000 / XP
- Windows CE: PPC 2002 / PPC 2003

##### ▶ Supported hardware:

- PCs
- Laptops
- Tablet PCs
- PDAs

##### ▶ Supported communication modes:

- Tactical HF/VHF radio
- Wireless LAN/WAN
- Cellular: GPRS, CDPD, iDEN
- Ethernet

### Mission assessment

Users can draw the mission route and waypoints, and then view the latter on a 3D display for easy visualization of the area's terrain and vantage points.

### Real-time situation picture

Ness Control provides real-time viewing of force positions and movements, leading to increased coordination among neighboring forces.

### Video capture and display

Any client can act as a video server capable of capturing, manipulating and distributing images to other users located either at the command center or in the field.

### Mutual data update

Designed for hostile and unstable operating environments, Ness Control supports real-time data updating across the system in the event of a communication failure or the joining and rejoining of stations.

### Multiple datacom modes

The system supports a wide variety of data transmission modes - such as tactical HF/VHF radio, wireless LAN/WAN, cellular, and Ethernet - and is designed to provide the optimal mode for both static and mobile stations.

### Built-in simulator

Supporting operational use simultaneously with a training mode, Ness Control provides a built-in simulator that enables the commander to simulate messages and graphic orders to the end units.

### Varied data sharing

Ness Control enables the sharing of operational data among all units including SOS messages, free text messages, fixed SMS messages and graphic orders.

### After-action review

Ness Control can record all events and then present them at a later stage for improved analysis and control.

## Proven Experience

Ness TSG is a leading global command-and-control, intelligence and telecommunications systems House. With over three decades of experience, Ness TSG specializes in the development and integration of advanced, comprehensive solutions for the defense, homeland security, telecom, and utilities sectors. Dedicated to delivering cutting-edge, best-of-class solutions, Ness TSG serves a diverse client base of private, public and governmental organizations worldwide. Leveraging its affiliation with Ness Technologies (NASDAQ: NSTC), a global IT solutions provider with offices in 15 countries and 7,000 employees, Ness TSG offers a one-stop-shop of products, systems and professional services for a range of military, paramilitary and telecom applications. For more information about Ness TSG, visit [Http://www.ness.com](http://www.ness.com).

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