DeTekion

Open Media Network Interface (OMNI)
PERIMETER INTRUSION DETECTION SYSTEM CONTROLLER

The OMNI Controller

DeTekion Security Systems' Open Media Network Interface (OMNI) Controller is a highly reliable solution for monitoring Perimeter Intrusion Detection Systems (PIDS) and sensors. The OMNI Controller's Windows based security software program is very flexible and can be adapted with ease for incorporation into virtually any PIDS. A PLC configuration is optional.

User Friendly Graphic User Interface (GUI)

The OMNI control software GUI was designed with the user in mind, incorporating user friendly prompts, high resolution graphics, realistic icons and logic. Processes to acknowledge, secure and reset alarms are customized to the user's requirements and can incorporate several security precautions and procedures. If required, specific event handling instructions and procedures can be displayed on the GUI. Multi-level site mapping can be programmed so the operators will have the clearest scaled "picture" possible of what is happening in the field. Interface with the OMNI can be via a touch screen or by keyboard / mouse. Reports can be customized to meet the user's requirements or objectives.
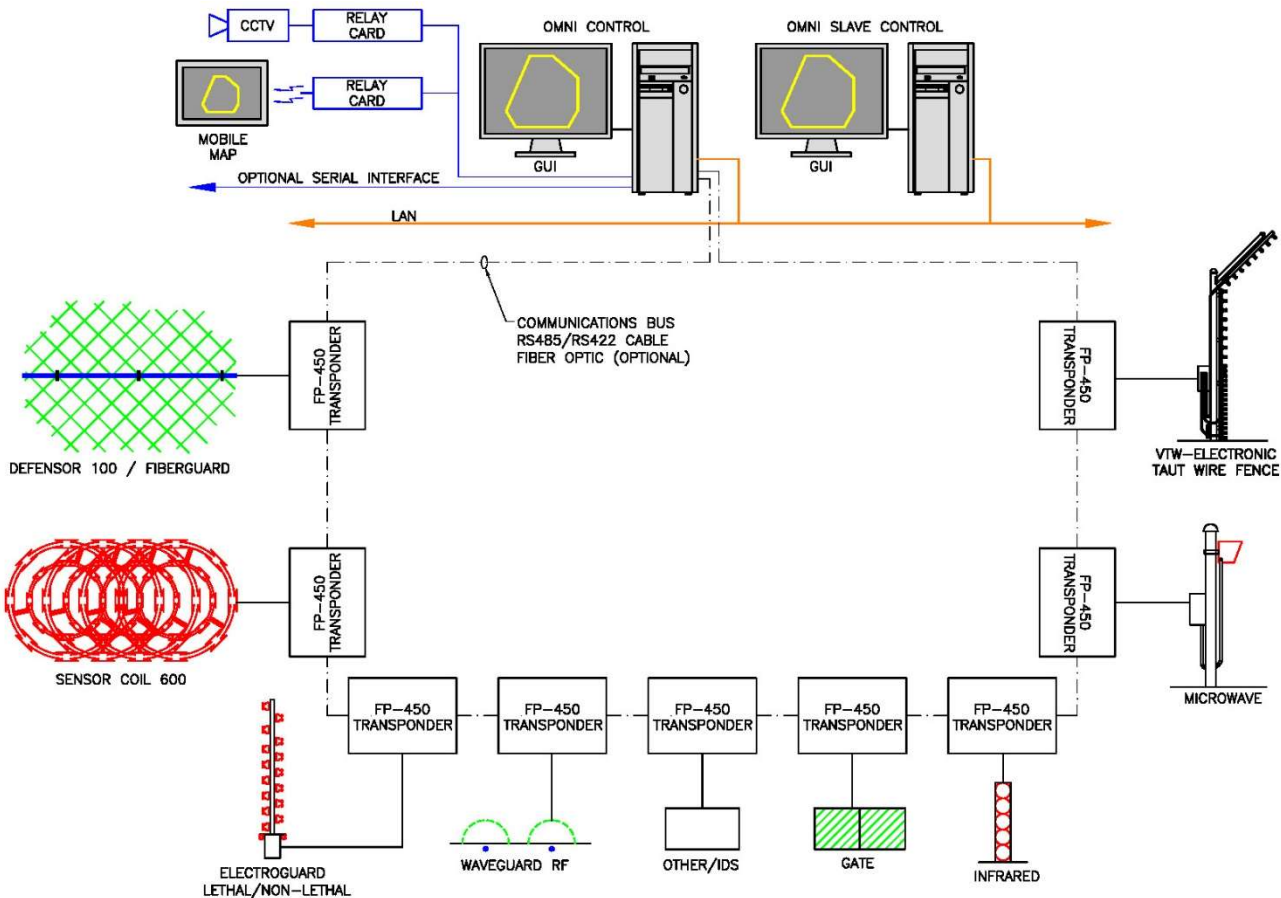
Flexibility, Reliability & Secured Access

The OMNI security software program is installed on a solid state hard drive for reliable operation. Alarm activity can be prioritized and all events are stored in data tables that can only be accessed by authorized operators. The OMNI control security software is password protected ensuring that only authorized supervisors and managers can make changes, modifications and conduct data base research for investigation purposes. As an option, OMNI software macros can be incorporated into the system, providing seamless integration with most CCTV systems.

Features

❖ Highly flexible architecture
❖ Modular
❖ Can operate seamlessly with DeTekion's VTW ETWFS and facilitate remote adjustments
❖ Easy customization of GUI screens to the site requirements
❖ Can work in a master/slave configuration or within a hot backup configuration
❖ Multiplexed communication with DeTekion FP 450 transponders (copper or fiber optic)
❖ Optional seamless integration with CCTV and other systems

Specifications

Hardware (minimum requirements)

Computer……………………

Intel i7 Core or higher
16 GB, DDR5 Ram
500 GB minimum capacity SSD
USB 3.2 Gen 1 Type-A and 3.2 Gen 2
Type-C™ with Power Share (2ea)
DVD RW Drive
4 Serial Ports (1 RS422/485) Monitor
Speakers

Printers (recommended)……….

Desk Jet for report printing (optional).
USB

Communication

Field Device …………………….FP 450 Processor / Transponder
Relay Output Module (optional) 24 Relays per Module -2 modules max
Units………………………….. Up to 256 w/ 32 I/O's Single Station
Database……………………… Configurable
Fiber Optic…………………….. Self healing, Closed Ring (optional)
Wire Cable…………………...... RS232/422, TCP/IP

Software

Windows and Windows Embedded OS Based
LAN distributable
Password Controlled………………………

User Name and ID
Coded

Pop-Up Menus……………………………

Control Tasks
Database Setup
Password Setup
Reports
Others as Required

Map Displays…………………………...

Alarm Icon Controlled
Alarm Acknowledgement
Alarm Reset
Alarm Access
Alarm Tagging

Other……………………………………

User Configurable
Sound wav files
Graphical Alarm Analysis

DeTekion Security Systems, Inc.
200 Plaza Drive
Vestal, NY 13850
Ph: 607-729-7179 Fax: 607-729-5149
Web Site: www.detekion.com

Specifications are subject to change without notice (Rev8)