OnGuard® Fire & Intrusion

Advanced Management of Fire & Intrusion Detection Systems

OnGuard Fire & Intrusion is an advanced solution for managing fire and intrusion events and maximizing return on investments in legacy intrusion/burglar/fire panel and central station receivers. Events generated in these parallel systems now have an additional means of monitoring and response. OnGuard allows customers to monitor these disparate systems from a single interface. Support is available for well-known brands such as Bosch (Radionics/Detection Systems) intrusion panels, Galaxy intrusion panels, Siemens fire panels, Notifier fire panels, the ESPA 4.4.4 protocol, and central station receivers from Bosch, Digitize, Osbourne-Hoffman and AES-IntelliNet. The supported central station receivers collectively support hundreds of different alarm panels and numerous industry formats, collectively accounting for over 90% of all burglar, fire, safety, nurse call and remote dialer systems in use today.

Lenel Alarm Hardware

Lenel offers alarm control panels that are seamlessly integrated within the OnGuard field hardware architecture. Lenel Intelligent System Controllers can manage a mix of LNL-1100 (Input Control Module) and LNL-1200 (Output Control Modules) dedicated alarm panels. The LNL-1100 can manage up to 16 inputs with two outputs. The LNL-1200 can manage up to 16 outputs. Lenel also offers the Lenel Command Keypad (LNL-CK), an LCD display keypad for users to execute local I/O functionality. The LNL-CK has 32-character display with a 16-position keypad that features arm, disarm, bypass and force arm alarm groups.

Fire Panel Interface

OnGuard supports secondary annunciation of events from several industry-standard fire alert panels, including models from Siemens and Notifier. When a specific fire alarm is triggered, the event is communicated to OnGuard. Users can define specific immediate response mechanisms, such as linked digital video, global I/O function and e-mail/paging alerts.

Intrusion Panel Interface

OnGuard supports secondary annunciation of events from multiple industry-standard intrusion detection panels. It also allows administrators to define zones and areas with logical names locally in the OnGuard database to identify the physical location of each alarm point, arm/disarm station or motion detector. When an event occurs, OnGuard identifies the source of the event by name, and tells the operator how to respond.

Required Applications

- OnGuard Access

Options to Deploy

- Alert System Interface
- Fire Alarm Interface
- Intrusion Panel Interface
- Intercom Interface
- Central Station Receiver Interface

Support

- Lenel Alarm Hardware
  - LNL-1100 Alarm Input Module
  - LNL-1200 Alarm Output Module
- Supported Intrusion Panels:
  - Bosch (Radionics) 9412, 7412
  - Bosch (Detection Systems) DS7400xi, DS7400xi 4+
  - Galaxy (models 8,18,60,128,500,504, 512)
- Supported Fire Panels:
  - Siemens MXL/MXL-IQ
  - Notifier AM-2020, NFS-640
  - ESPA 4.4.4 protocol
- Supported receiver formats:
  - SIA 1, SIA 2, SIA 8, SIA 20, SIA 2000
  - Radionics BFSK, Modem II, IIE, 3A
- Supported alarm receivers:
  - Bosch/Radionics 6500/6600
  - Digitize 3500
  - Osborne-Hoffman OH-2000
  - AES-Intellinet 7000
- Ethernet or RS-232 Communication
- Unlimited Panels and Receivers

Features

- Complete Monitoring & Reporting Capabilities
- Integrated User Interface
- Command and Control of Daily Operations
- Complete Audit Trail
- Centralized Data Management
- Reliable Information Delivery
- Custom Event Code Mapping
- Receiver account auto-add feature
- Complete configuration of alarm areas for each account
- Custom alarm zone configuration
- Centralized monitoring
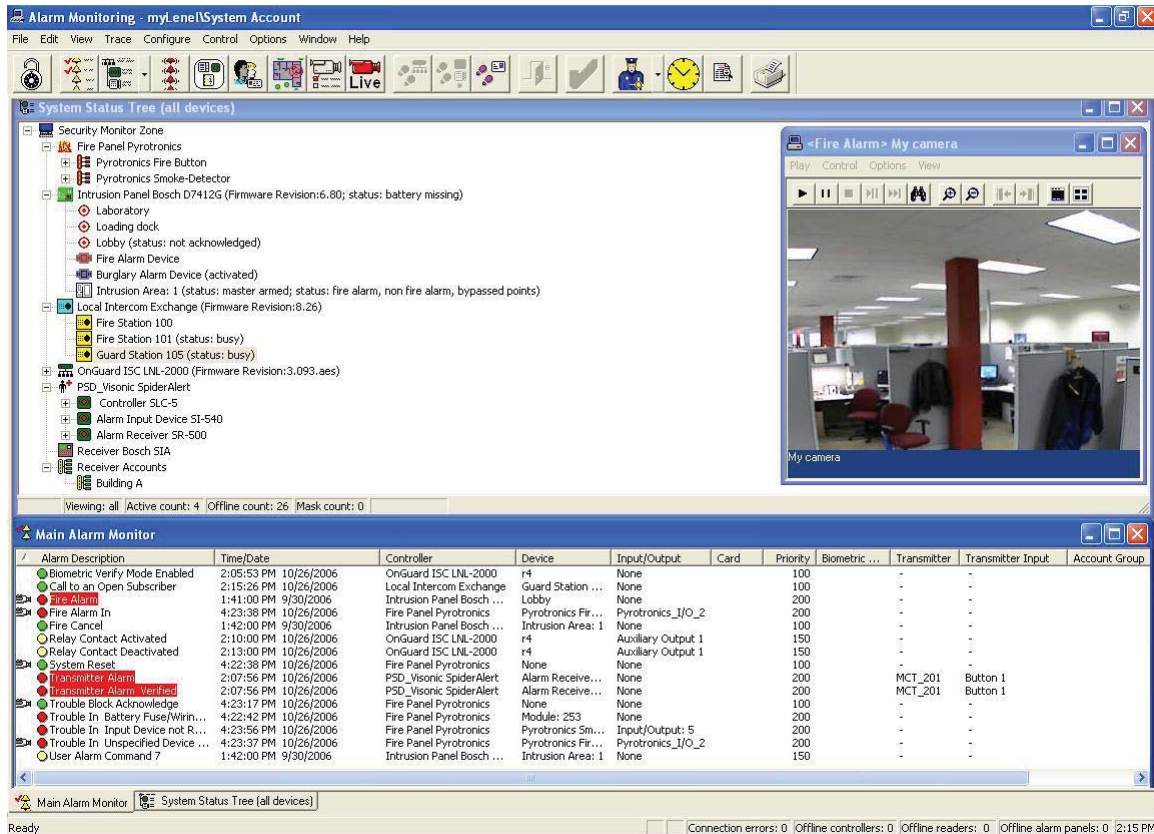- Full reporting of all system, user and alarm events

Benefits

- One system to monitor, one system to learn, one system to manage the security environment

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Central Station Receiver Interface

The OnGuard Central Station Receiver Interface provides a number of features to make event information displayed in the OnGuard Alarm Monitoring application more useful. OnGuard administrators can assign account numbers to panels connected to the central station receiver, to ensure accurate identification. Furthermore, groups can be created to lump together multiple panels in expansive deployment settings. Even in situations where an event is generated from a panel not yet named in the system, the database will automatically add the panel (using the account number as the name), which can be accurately identified at a later time.

Alarm panels connected to receivers report their events in a large variety of data formats. OnGuard provides a mapping between the event codes generated from receivers and panels and existing OnGuard events. Custom event code mappings can also be defined based on how a particular panel is configured.

Enhanced Reporting Capabilities

With OnGuard's advanced reporting capabilities, administrators can run complete reports based on related activities from integrated intrusion panels. Here is a sample of report opportunities:

■ A "Fire Zone Missing" report determines if any fire detection zones were not reported as being online.

■ An OnGuard scheduler status report determines if all scheduled activity was executed as instructed.

■ An "Output Relay" report shows every action setup or modified in relation to respective output relays.

■ A "Opening/Closing" report shows when areas were armed/disarmed and when arm delays were active.

■ Cardholder activity reports can be generated to show the activity of all or specific cardholders between access control readers on OnGuard hardware or intrusion panels.

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