



Features and Benefits

- Display zone alarms, hardware diagnostic faults, and communication faults from Senstar sensors within OnGuard
- Sensor events are received as Intrusion Panel Zones that can be selected for monitoring in the OnGuard Alarm Monitoring screen and used to trigger OnGuard actions
- Sensor controls (relays, Senstar LM100 lighting controls, self-test) are seen as OnGuard offboard relays
- Sensor events can be bypassed/unbypassed by user action and can be the target of mask/unmask Scheduler actions
- Support for Gateway and Network Manager redundancy
- Supported sensors include FlexZone®, FiberPatrol® FP1150, FiberPatrol® FP400, Senstar LM100, OmniTrax®, UltraWave™, UltraLink™ I/O, and XField®
- Alarm Logic Engine support
- Based on the OnGuard OpenDevice API (Intrusion device interface)
- Certified for use with OnGuard 7.6, 8.0, 8.1, and 8.2

Monitor and control Senstar sensors within OnGuard

The NMS-OnGuard Gateway provides a complete, bi-directional software integration between Senstar perimeter intrusion detection sensors and OnGuard, avoiding the need for relay output modules and corresponding hardware intrusion panels.

Senstar's Network Manager software provides a common interface for monitoring and controlling Senstar sensors from VMS, SMS, and PSIM systems. The Network Manager Service to OnGuard Gateway (NMS-OnGuard Gateway) integrates the Network Manager service (NMS) with OnGuard through "Senstar NMS" Intrusion Detection Panels .

From within OnGuard, operators can:

- Graphically view sensor status in System Status Tree or on a map
- View video associated with alarms
- Acknowledge alarms
- Bypass/unbypass zones
- Activate sensor output points (relays)
- Monitor equipment faults

ONGUARD USER INTERFACE

The integration creates a “Senstar NMS” panel type within OnGuard that supports 2048 zones and 512 offboard relays. The Senstar NMS panel does not support onboard relays, doors, or areas. Two alarm statuses (Alarm and Tamper) are supported for each panel zone for activation by sensor alarm points. A Trouble status will be reported if a sensor alarm point is compromised by a diagnostic fault within the associated sensor device.

The NMS-OnGuard Gateway implements a “software patch panel” that enables the assigning any alarm source from Senstar sensors – zone alarms, diagnostic faults, and device communication faults – to the OnGuard intrusion panel.

Within OnGuard, the following statuses can be generated for each Intrusion Panel zone:

- Alarm and Tamper (depending on status chosen during configuration)
- Comm Fail
- Comm Fault
- Diag Fail
- Diag Fault
- Trouble

The status descriptions presented within OnGuard can be customized by a string translation table implemented by the NMS-OnGuard Gateway.

Intrusion Panel offboard relays can be assigned to Network Manager output points (relays, LM100 lighting controls, self-test).

Multiple Network Manager alarm points can be assigned to a single OnGuard Panel Zone, thereby ORing the alarm states of the assigned alarm points. Similarly, multiple Network Manager output points can be assigned to a single OnGuard offboard relay, which will activate all assigned outputs when the offboard relay is activated.

SYSTEM INTEGRATION

The NMS-OnGuard integration consists of the following software components:

- A “translator” DLL provided by LenelS2 as part of the Senstar Add-On package. The translator runs on the same server as the OnGuard Communications Server.
- The NMS-OnGuard Gateway provides the link between the Senstar Network Manager and the translator
- A configuration program for the translator
- A configuration program for the Gateway

The Network Manager, NMS-OnGuard Gateway, and the OnGuard communications server may be installed on the same server or on separate networked servers.

MINIMUM HARDWARE REQUIREMENTS:

- Intel i3 processor or equivalent
- RAM: 4 GB
- HDD: 250 GB
- Ethernet NIC

CAPACITIES

OnGuard Intrusion Panel	Up to 2,048 zones and 512 offboard relays
NMS-OnGuard Gateway	A Gateway can connect to up to 10 Network Managers or 10 redundant pairs of Network Managers, and can support up to 25 OnGuard Intrusion Panels
Network Manager	Each Network Manager can support up to 60 Silver Devices or up to 10 FiberPatrol Sensor Units

ORDERING INFORMATION

Item	Part Number	Supplier
Senstar Network Manager	00FG0220-XXY	Senstar
NMS-OnGuard Gateway	00SW0240-XXY	Senstar
Senstar Add-On	–	LenelS2
Lenel Intrusion Panel license (per panel)	SWG-1450	LenelS2

GATEWAY SOFTWARE COMPATIBILITY

Operating System	Windows 10 Pro 64-bit, Windows Server 2016 64-bit, 2019 64-bit
Senstar Network Manager	2.55 or newer
OnGuard	7.6, 8.0, 8.1, 8.2