Sensor Management in Genetec Security Center

The NMS-GSC software provides complete, bi-directional integration between Senstar perimeter intrusion detection systems and the Genetec™ Security Center (GSC) software.

Operational Features

From Security Center, operators can:

- Graphically view sensor status on a map
- View video associated with alarms
- Acknowledge alarms
- Arm/disarm zones
- Activate sensor output points (relays)
- Monitor equipment fault alarms

Features and Benefits

- Display zone alarms and equipment status information from Senstar sensors with Security Center
- Supported sensor events include:
  - Sensor/zone alarms (including precise location for ranging sensors)
  - Enclosure tamper events
  - Diagnostic and connectivity faults
- All changes in sensor status are monitored and available as input conditions for event-to-action programming
- Arm/Disarm alarm reporting per sensor zone through on-screen control or event-to-action
- Control sensor output relays by event-to-action programming or by on-screen controls
- Custom icon for zone alarm and status reporting
- Custom icons for output (relay) control and input point status
- Support for redundant Network Managers and Genetec Directory servers
- Support for current Senstar perimeter intrusion detections sensors, including FlexZone®, FiberPatrol®, Senstar LM100, OmniTrax®, UltraWave™, UltraLink™ I/O and XField®
- Alarm Logic Engine support
- Compatibility:
  - Security Center 5.7, 5.8 and 5.9 (certified on 5.7 SR5)
  - Network Manager 2.38 and newer
DISPLAY ZONEALARMS AND SENSOR STATUS

For display of zone alarm status, the NMS-GSC Gateway includes a custom NMS Zone entity. The NMS Zone entity includes custom icons to display detailed status of the alarm zone on the Security Center map and controls to acknowledge and arm/disarm the zone alarm. The zone alarm status conditions that can be displayed are: OK, Alarm, Pre-Alarm, Trouble, Supervision, and Disarmed. For sensors that report a precise intrusion location, the last reported location will be displayed in the Context field.

For display of sensor status, the NMS-GSC Gateway includes a custom NMS Node entity. The NMS Node entity includes custom icons to display the detailed status of a sensor (node) on the Security Center map and controls to acknowledge sensor faults. The sensor status conditions that can be displayed are: OK, Comm Fault, Comm Fail, Enclosure Tamper, Warning diagnostic, and Critical diagnostic.

EVENT-TO-ACTION TRIGGERS

Alarm entities can also be used as trigger events for event-to-action sequences (camera call-up, activation of a siren, turning on lighting, etc). To support event-to-action programming for all sensor conditions monitored by the Network Manager, the NMS-GSC Gateway adds two custom entities to Security Center: NMS Input and Output.

Dry-contact inputs on sensors can be linked to NMS Input entities and used as triggers for event-to-action programming. In this way, non-alarm generation events can still trigger event-to-action sequences. Another example use is a sensor pre-alarm condition used to initiate the move of a PTZ camera before an alarm actual occurs.

Output relays on sensors can be linked to NMS Output entities and controlled by event-to-action macro programming or on-screen controls. Any Security Center event can be used control a Network Manager output point. The NMS Output entity also reports the status of an output point, so that Security Center can detect when another system has commanded a state change.

SYSTEM INTEGRATION

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

- NMS-GSC Gateway communicates with the Directory server via SDK and includes files which are installed on each Security Center client.
- The NMS-GSC Gateway Configuration Tool configures the gateway.

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Senstar part number</th>
<th>00SW0261</th>
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<tbody>
<tr>
<td>Genetec SDK connection license</td>
<td>GSC-1SDK-SENSTAR-NMS</td>
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<tr>
<td>Three (3) required per standard Gateway, five (5) required per redundant pair of Gateways</td>
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SOFTWARE COMPATIBILITY

- Operating System: Microsoft Windows 10 Pro 64-bit, Windows Server 2016, 2019
- Senstar Network Manager: 2.38 or newer
- Genetec Security Center: 5.7 SR5, 5.8, 5.9

DOCUMENTATION

The NMS-GSC Gateway includes comprehensive installation and configuration documentation. Contact your Senstar representative for information.

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