

# NaviGate™ Alarm and Notification Module

## Software Product Description

### Product Summary

The *NaviGate* Alarm and Notification Module will send alarms in the form of email and pager messages to individuals or groups of individuals. These messages are triggered by activity in the *NaviGate* Operations Visualization System, *NaviGate* Underground Service Alert Module, *NaviGate* Lightning Module, and *NaviGate* Weather Module. Users can configure their own message preferences using web-based forms.

### Description

The *NaviGate* Alarm and Notification Module will send messages to *NaviGate* users to notify them of events occurring the *NaviGate* system. The Alarm and Notification Module can notify users of events relating to the operation of the *NaviGate* system itself (e.g., “OVS Daemon restarted”, “New CSS data has been loaded”) or of events detected by other *NaviGate* modules (e.g., “Power Out at Service #123-4567 (Mercy Hospital)”.)

The module provides the following specific features:

- Messages can be delivered to any email account and most pagers and cell phones. Alarms are sent using the standard Internet SMTP protocol.
- By filling in Web forms in the *NaviGate* system, users can configure the alarms they want to receive. The user can configure different “levels” of alarms, each with different messages and different delivery mechanisms.
- Alarms can be sent to individuals or groups. System administrators can configure user groups and assign users to them. Group administrators can then configure which alarms are sent to the group.
- Alarms based on data in the *NaviGate* Weather Module may be configured to send alarms based on temperature, wind speed, wind gust speed, dew point, and type of precipitation. Alarms can also be configured for keywords in weather warnings, such as “thunderstorm” or “icing”.
- Alarms based on data in the *NaviGate* Operations Visualization System (OVS) may be configured to send alarms based on trouble calls from specific customers, power status for particular customers, counts of services without power in a particular service area, number of trouble calls for a particular area, and similar parameters.

### Data Requirements

The *NaviGate* Alarm and Notification Module requires one or more sources of alarm information, such as *NaviGate* system activity, weather or lightning data, seismic data, trouble calls, outages, or other dynamic data. Some of these data sources are available only via other *NaviGate* modules. The Module displays and manages data in the same spatial coordinate system (projection and datum) as the remainder of your *NaviGate* data.

### Installation and Configuration

The purchase price of the *NaviGate* Alarm and Notification Module includes professional installation of the software by a Gatekeeper Systems technician, and integration of the module into your existing *NaviGate* application. Contact Gatekeeper Systems for more information.

### Software Prerequisites

The *NaviGate* Alarm and Notification Module uses the functions and features of the standard *NaviGate* application framework. You may add this module to any current version of *NaviGate*. (Contact Gatekeeper Systems for assistance.)

### Support Options

Standard Support is available for this module, providing support via email, the Internet and telephone during normal Gatekeeper Systems business hours. Standard Support also provides product updates as new versions of this module are released.

### Pricing

Refer to the *NaviGate* Price List for current pricing. Volume and package discounts are also available. Contact a Gatekeeper Systems representative for more information.

### Licensing

This module is licensed using the standard Gatekeeper Systems license agreement. This license agreement grants access to the software source code for the licensed module. A copy of the standard agreement is available upon request.

### Ordering

The *NaviGate* Alarm and Notification Module may be ordered by contacting Gatekeeper Systems. Please specify the *NaviGate* version with which you will be using this module.

### Delivery

In most cases, the *NaviGate* Alarm and Notification Module can be installed immediately. Contact Gatekeeper Systems for currently available delivery times.

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