

# NaviGate™ Weather Module

## Software Product Description

### Product Summary

The *NaviGate* Weather Module retrieves and manages data about current weather and displays that information via the *NaviGate* map interface, together with your facilities data, customer locations, and other spatial data sources.

### Description

The *NaviGate* Weather Module automatically retrieves spatially-attributed weather data from automated reporting stations of the US Weather Service. This data is stored in the *NaviGate* database for display and reporting.

The Weather Module provides the following specific features:

- The *NaviGate* Weather Daemon retrieves data about current temperature, wind, sky, and precipitation from US Weather Service Automatic Reporting Stations. The system stores this data in a database for historical reporting and display purposes.
- When configuring the *NaviGate* Weather Module, Gatekeeper Systems will associate utility facilities and service areas with the nearest reporting station. This allows users to obtain a good estimate of the weather at every facility or service area.
- Weather activity is displayed directly in the *NaviGate* maps, optionally showing temperature, wind, and precipitation at the location of the reporting stations.
- The Weather Module extends *NaviGate* reports (typically service area reports) to show current weather conditions and provide access to historical weather information from the *NaviGate* database.
- If the *NaviGate* Alarm Module is also installed, the system will connect the Weather Module and the Alarm Module so that alarms can be triggered by weather-related events, such as low- or high-temperature, precipitation, or wind gust speed. Alarms can be sent via pager or email to individuals or groups, warning them of important weather activity.

### Data Requirements

The *NaviGate* Weather Module requires access to the Internet to obtain US Weather Service automatic reporting data. The display of Lightning Data will require access to the National Lightning Network, available through an annual license. 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* Weather 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* Weather Module uses the functions and features of the standard *NaviGate* application framework. You may add this module to any current version of *NaviGate*. For display of lightning data, you also need a source of current lightning information. (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 under the standard Gatekeeper Systems license agreement. The 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* Weather 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* Weather Module can be installed immediately. Contact Gatekeeper Systems for currently available delivery times.

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