

# NaviGate™ Desktop Mobile Option

## Software Product Description

### Product Summary

The Core component of the standard *NaviGate* system is designed around office use, and presumes a modestly fast Internet connection and large display screen. There are two options for mobile *NaviGate* users both of which provide the same interface or “look and feel”. Each option communicates information from the same data store that *NaviGate* Core maintains. One option is the *NaviGate* Field Option that provides a platform optimized for use on wireless-connected mobile computing devices and is appropriate when cell coverage is very good throughout a service territory (see Field Option product description). However, when sparse cell coverage is anticipated *NaviGate* users can opt for a “disconnected” mobile platform called Desktop Mobile. This module provides a mobile platform that maintains a local version of data from the *NaviGate* Core data store and keeps that information updated whenever a connection is available.

### Product Description

The *NaviGate* Desktop Mobile option addresses the needs of a sometimes-connected mobile interface to a *NaviGate* system and provides the following specific functionality:

- The Desktop Mobile user interface provides access to all, or a subset of the same *NaviGate* reports and features available in the office. Reports can be either identical to the reports available in the *NaviGate* office application, or customized from that base to make them more usable in the field.
- Data is stored locally on the mobile device and updates can be controlled or automatic whenever an internet connection is established (wired, cell or Wi-Fi coverage).
- Transactional data (work orders, inspections, etc) are updated via a two way process for pushing new assignments out and receiving inbound field results. At the same time, asset maps and all related tabular information (changes only) are sent to update the local mobile data store.
- The Desktop Mobile Option provides special tools for limiting the amount of data transmitted over the wireless link when it is determined that particular information classes used in the office are not relevant in the field. Data updates can also be geographically partitioned if desired.
- Unused features and reports can easily be edited out of the Desktop Mobile system, avoiding clutter and unnecessary communications overhead.
- The Desktop Mobile Option is a platform that can be configured together with *NaviGate* Field Data Entry and others to allow mobile personnel to receive transactional data (work orders, inspection requests, etc.) wirelessly in the field and display the transactions together with the mapping data and other reports. Results also are transmitted back to the appropriate systems to complete the business process.

### Data Requirements

The Desktop Mobile Option can be configured as part of any standard *NaviGate* application and shares data with the standard application. The *NaviGate* Desktop Mobile Option requires that the data to be displayed in the Desktop Mobile system have already been configured in your standard *NaviGate* Core system.

### Installation and Configuration

The purchase price of the *NaviGate* Desktop Mobile Option includes professional installation of the software by a Gatekeeper Systems technician, and integration of the Option into your existing *NaviGate* application, and assistance with configuration of your field computers and wireless network. Contact Gatekeeper Systems for more information.

### Software Prerequisites

The *NaviGate* Desktop Mobile Option uses the functions and features of the standard *NaviGate* application framework. You may add this option to any current version of *NaviGate*.

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

### Ordering

The *NaviGate* Desktop Mobile Option 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* Desktop Mobile Option can be installed in one to seven days. Contact Gatekeeper Systems for currently available delivery times.

GKS Part Number: 5318-RO1-1

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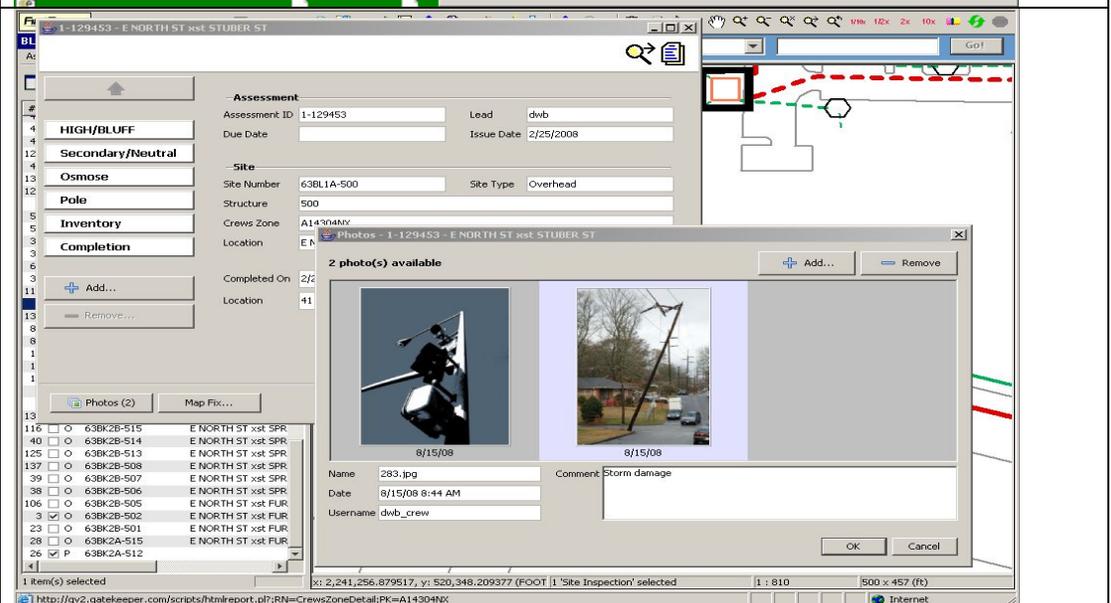
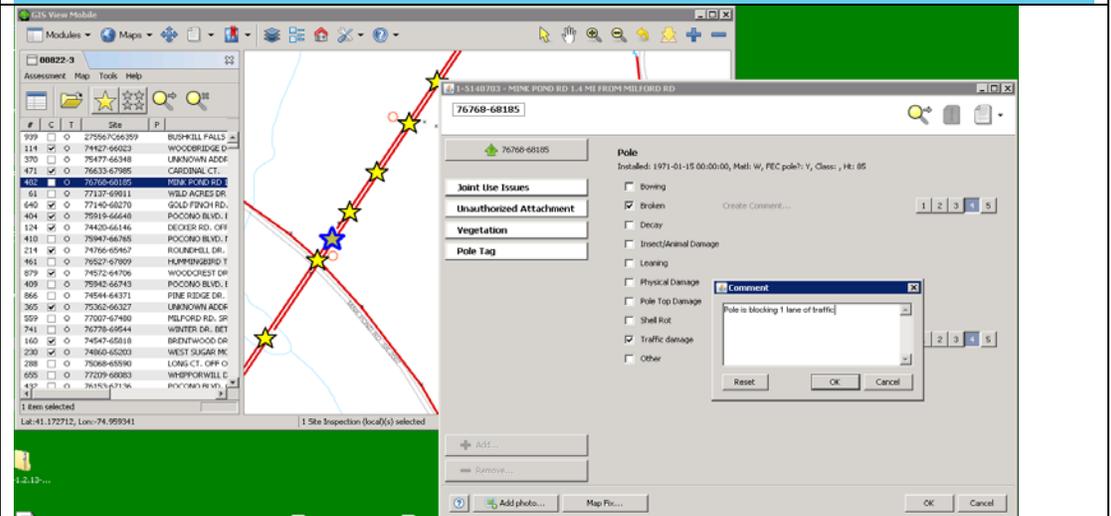
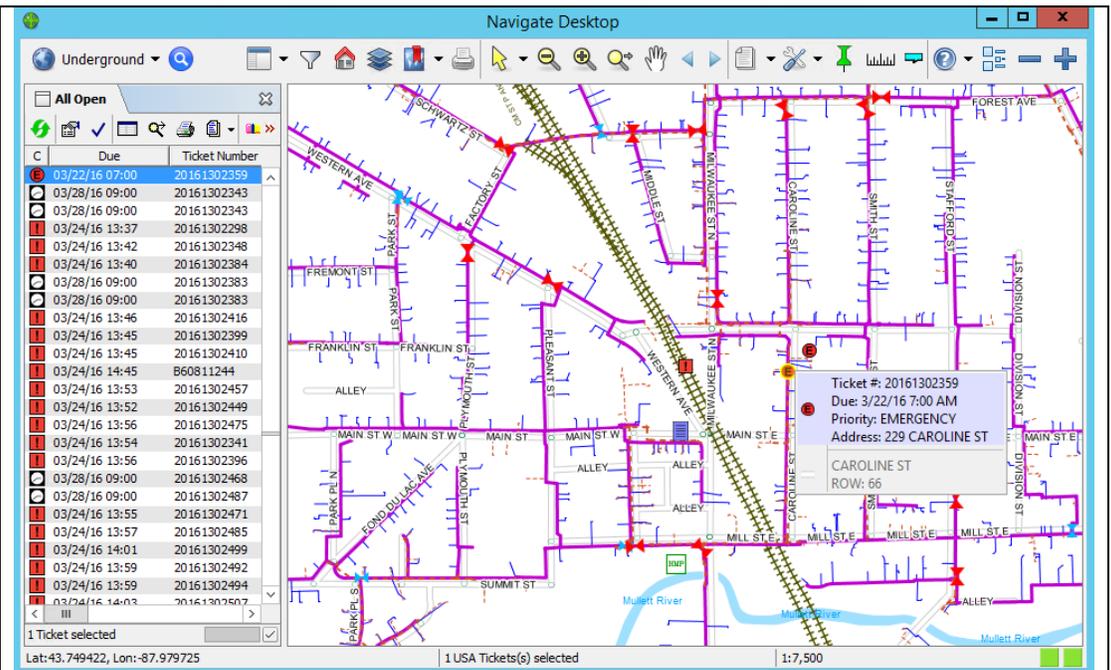
## Mobile Data Management

Use the Desktop Mobile Option for standard view/query activities while disconnected in the field. NaviGate Desktop Mobile is the platform that provides uninterrupted view/query access to the NaviGate spatial data store. This can also include any transactional data as well as seamless maps and asset data for users who are disconnected in the field.

When configured together with the NaviGate Field Data Entry (FDE), or Underground Service Alert (USA), transactional data like work orders, inspection tickets, etc. can be sent wirelessly to the field for completion.

Field workers can receive and process work orders wirelessly in the field and use the local data provided by the Desktop Mobile platform to view associated facilities maps even when not connected. Field users can complete work orders remotely and produce the reports necessary to efficiently perform the job whether or not an internet connection exists. Completed forms along with any supporting information (notes, images, etc.) are saved and transmitted back to office systems when any internet connection becomes available.

The first example shows the Desktop Mobile mapping interface. Following examples show transactional data with business-specific forms in use by field inspectors. When completed, tickets are transmitted back to the appropriate office systems or groups for needed action. Note that images and other supporting documentation can be attached in the field to streamline decisions and/or repairs ordered by office or One-Call personnel.



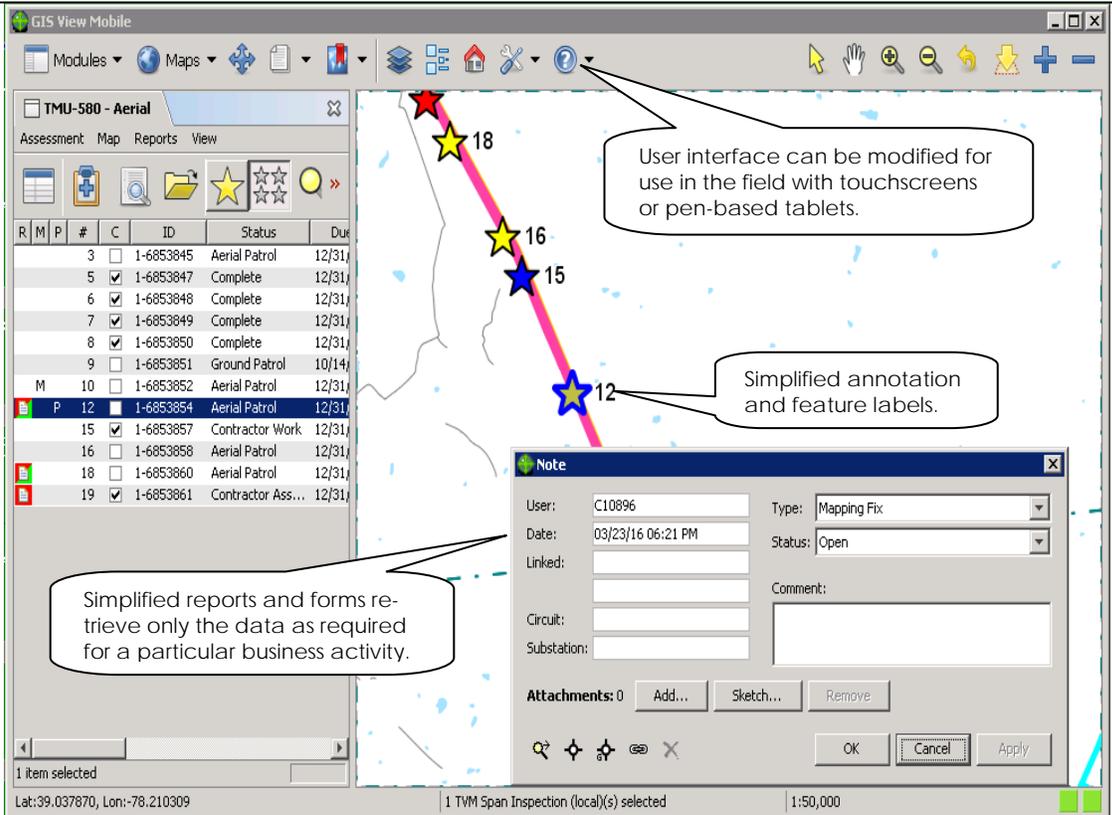
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## Desktop Mobile Interface Optimized for Laptops and Tablets

The *NaviGate* Desktop Mobile Option can provide a separate, customizable user interface for field computers using the *NaviGate* system wirelessly.

NaviGate users in the field have access to the same data, queries, and reports. The simplified user interface removes less frequently used options, report elements, and map objects.

In this example, a field inspector completes a mapping fix notation that GIS editors can use to improve asset map data.



## Use the Desktop Mobile Option Together With Other NaviGate Modules

You can use the Desktop Mobile Option together with other NaviGate options for managing data in the field, including the NaviGate AVL Module, the NaviGate USA Module, or the NaviGate Trace Module, etc.

