

# NaviGate™ USA (Underground Service Alert)

## Software Product Description

### Product Summary

The *NaviGate* USA (Underground Service Alert) Module provides interfaces to Call-Before-You-Dig call centers so that USA tickets can be displayed and managed in *NaviGate*, both in the office and in the field via a wireless connection.

### Product Description

USA-specific map layers and an Options tab allow *NaviGate* users to view USA tickets themed in various ways, including:

- Themed by ticket status (open, active, pending, etc.)
- Themed by priority
- Themed by status (unassigned, scheduled today, completed today, deferred)

New tickets arrive from the USA call center and are stored in the *NaviGate* database (usually in Oracle). The *NaviGate* USA Module automatically assigns the tickets to the appropriate underground location personnel based on their areas of responsibility and the calculated location of the ticket.

*NaviGate* USA users can manage the list of their tickets directly in the *NaviGate* environment. They can visualize ticket locations on the map and move tickets through a standard workflow from acceptance to marking. The USA module operates wirelessly at the point of work, and can also run in a disconnected mode in areas where wireless connections are poor. Tickets and all ticket activity are stored permanently in the database. Users can “share” tickets. Tickets with bounding boxes are displayed on the map as both point features and rectangles showing the ticket’s area of work. Users can edit the ticket’s area of work as an aid to marking efforts.

Managers can use the map to visualize the spatial distribution of outstanding ticket activity, look at the backlog of tickets, and examine all of the data about any ticket simply by clicking on the ticket icon on the map. All of the management features are available from any Web browser.

### Data Requirements

The *NaviGate* USA Module displays all of your existing *NaviGate* application data. In addition, the *NaviGate* USA Module will interface with a variety of USA call center ticket sources, including tickets delivered via modem and tickets delivered as email. You must also provide *NaviGate* USA with the boundaries of the response areas for your underground location personnel.

### Installation and Configuration

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

### Software Prerequisites

The *NaviGate* USA Module uses the functions and features of the standard *NaviGate* application framework. You may add this module to any current version of *NaviGate*.

### Support Options

Standard Support is available for this module. Standard Support provides 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. 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* USA 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* USA Module can be installed immediately. Configuration and installation takes approximately one day on site. Contact Gatekeeper Systems for currently available delivery times.

GKS Part Number: 5318-US1-1

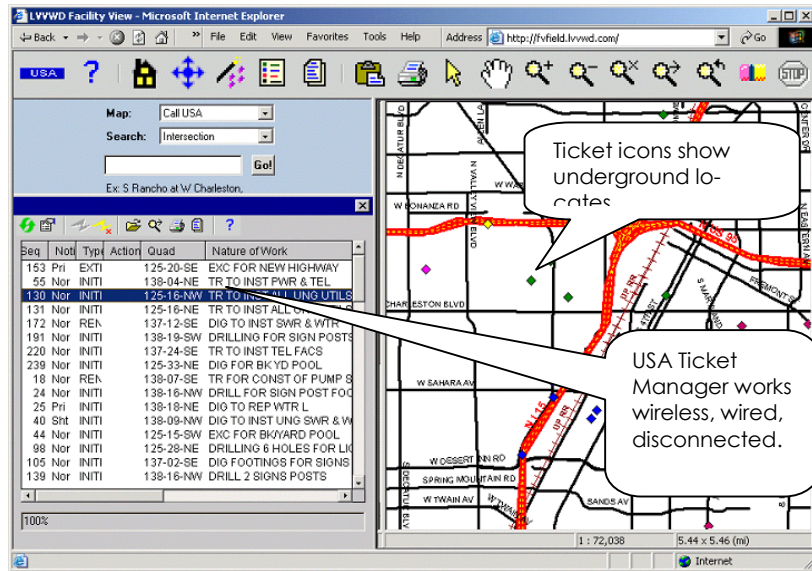
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# Gatekeeper Systems

Delivering Spatial Data to the People Who Need It

## Integrated Maps and USA Ticket Manager

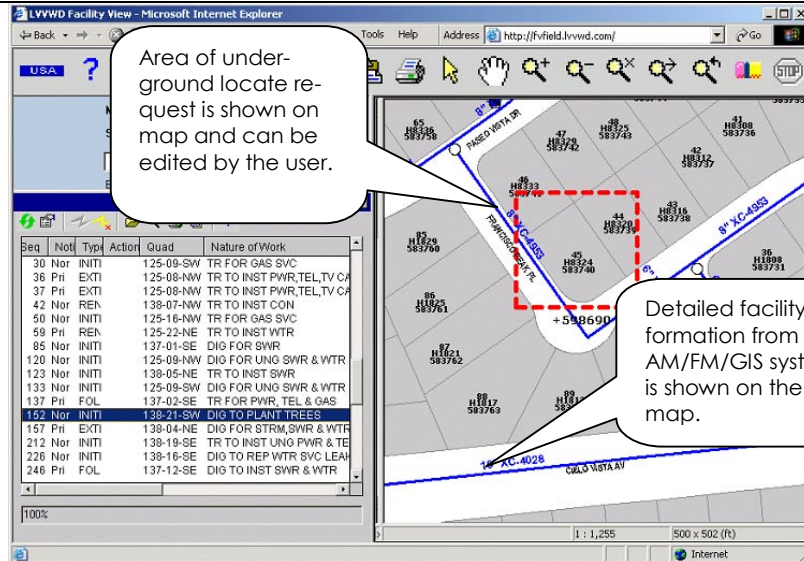
The NaviGate USA Module integrates directly into your NaviGate application. Tickets can be visualized on the map and managed from the USA Ticket Manager from within your Web Browser.



## Visualize Locate Areas and Facilities

Tickets are retrieved from the call center together with locate areas. These areas are enhanced by the NaviGate USA Server using ticket data such as address together with landbase information such as parcels, intersections, and streets.

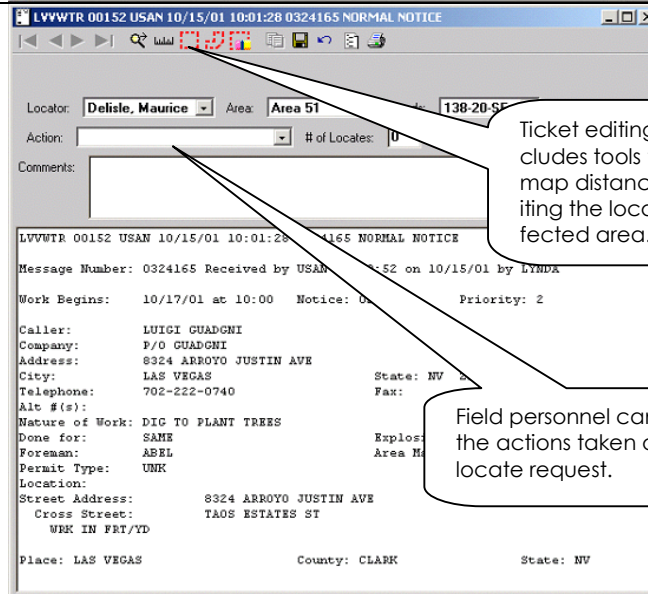
Facilities are shown on the map together with locate request information.



## Ticket Management

Underground locate requests (tickets) can be displayed and managed in the field application. The locator can add ticket transaction information such as number of facility locates (markings) performed, actions taken, and comments.

Tickets can also be transferred to another field crew, printed, or have the spatial information (affected area) edited.



## Reports Provide Analysis Tools

Reports integrated into the NaviGate USA system assist in understanding locate request activity and managing outstanding tickets.

Reports can be displayed in MS Office tools such as Excel and Word. Summary reports are available to track locator workloads and backlogs. Map images, drawings, and other documents can be pasted directly into the Office document.

Locator	Ticket Date	Ticket Count	Locate Count	Open	Contr. Owned	Marked All	Marked w/cmts
Delisle, Maurice	11/30/01	33	25	1	9		3
Johnson, David	11/30/01	44	24	7		2	
Jones, Denise	11/30/01	36	8	14	3		
Mayers, Robert	11/30/01	42	0	20			
Pilliau, Yanina	11/30/01	22	18		1	8	
Townes, Treva	11/30/01	20	13		3	1	2
Zaremski, David	11/30/01	21	0	15			

## Image of Printed Ticket

Underground locate request tickets are available in the system in the same format as the printed tickets your locators are already familiar with. These ticket images were captured directly from the USA Call Center and are preserved as a permanent record of the information sent by the Center.

LVWTR 00403 USAN 11/26/01 12:17:45 0367612 NORMAL NOTICE

Message Number: 0367612 Received by USAN at 12:13 on 11/26/01 by DANESSA

Work Begins: 11/28/01 at 12:15 Notice: 020 hrs Priority: 2

Caller: ED CRANDALL  
 Company: SW GAS  
 Address: 4300 W. TROPICANA  
 City: LAS VEGAS  
 Telephone: 702-365-2323

Nature of Work: TR & POS BORE TO REPL NATURAL  
 Done for: SAME  
 Foreman: UNK  
 Permit Type: NONE

Location:  
 Street Address: 4521 ALTA DR  
 Cross Street: E ESSEX DR  
 FR ADDR EXT 100' S ONTO PROP

Place: LAS VEGAS County: CLARK State: NV

Map Book: CLARK  
 Page Grid  
 0000 000  
 Long/Lat Long: -115.206679 Lat: 36.164432 Long: -115.197303 Lat: 36.169140  
 State Grid E: 611,179 N: 515,011 E: 613,940 N: 516,736

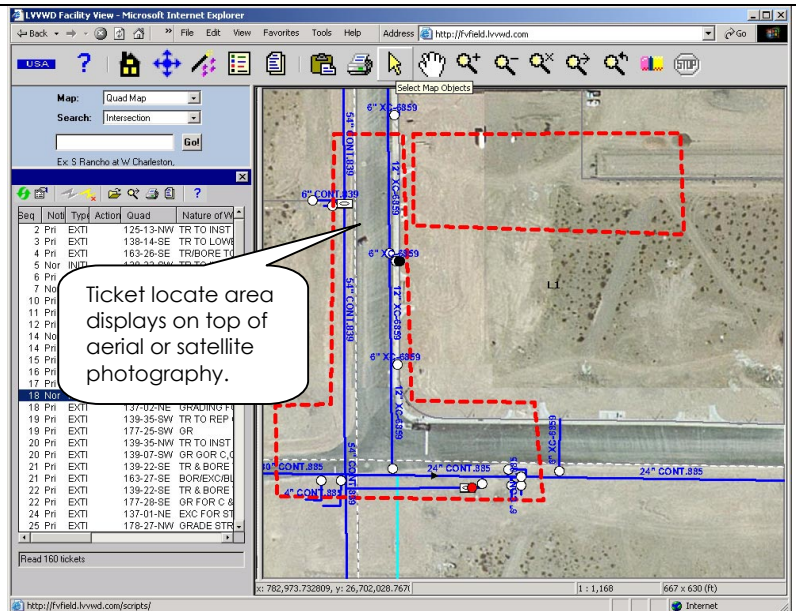
Sent to:  
 CENTE2 = ZZ SPRINT-CENTRAL TEL 2  
 CTYLVE = ZZ CITY LAS VEGAS  
 NEVPWR = ZZ NEVADA POWER  
 NVPWR4 = ZZ NEVADA POWER 4  
 SWGLVE = ZZ SWGAS LAS VEGAS  
 COXLVE = ZZ COX COMM LAS VEGAS  
 LVWVTR = ZZ LAS VEGAS VLY WTR  
 NEXCO2 = ZE NEXTLINK - NEVADA  
 SWGLV2 = ZZ SWGAS LAS VEGAS 2

**Ticket Modification History**

By	Date/Time	Action	Detail
	11/26/01 12:18	Created:	20011126-00403
piilaay	11/27/01 08:07	Added Comment:	marked 6" (pothole) 5/8" service
piilaay	11/27/01 08:07	Set Disposition:	Marked In Blue all facilities
piilaay	11/27/01 08:07	Changed Locate Count:	1
piilaay	11/27/01 09:40	Changed Comment:	
piilaay	11/27/01 09:40	Changed Disposition:	
piilaay	11/27/01 09:40	Split:	20011126-00403
piilaay	11/27/01 09:40	Split:	20011126-00403
piilaay	11/27/01 09:42	Added Comment:	marked 6" (pothole) and 5/8" service...also help from 632 and sent split ticket
piilaay	11/27/01 09:42	Set Disposition:	Marked In Blue all facilities
jonesd	11/27/01 12:53	Set Disposition:	Marked In Blue all facilities
jonesd	11/27/01 12:53	Changed Locate Count:	1

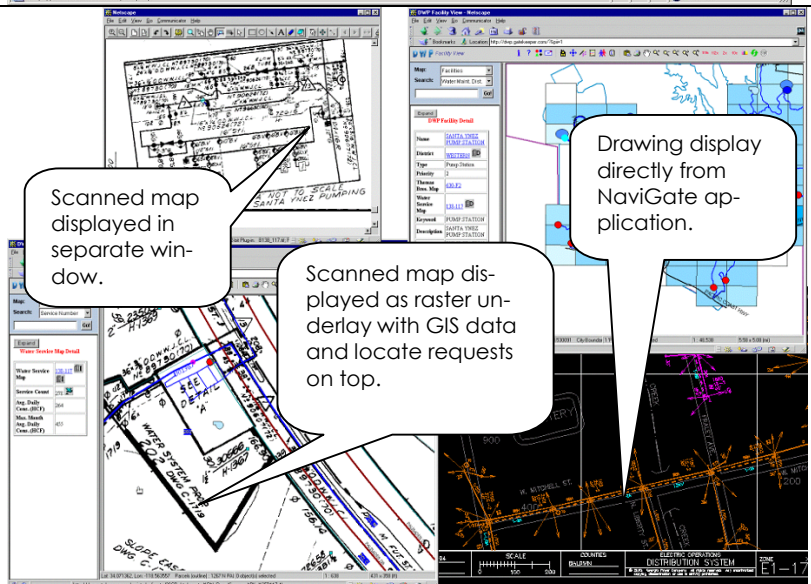
## Use Satellite and Aerial Photography

Available satellite and aerial photography can be used to aid in finding and understanding underground locate requests, improving locate efficiency. Locate area boundaries drawn in NaviGate USA are shown directly on top of orthophotography and AM/FM/GIS facilities data.



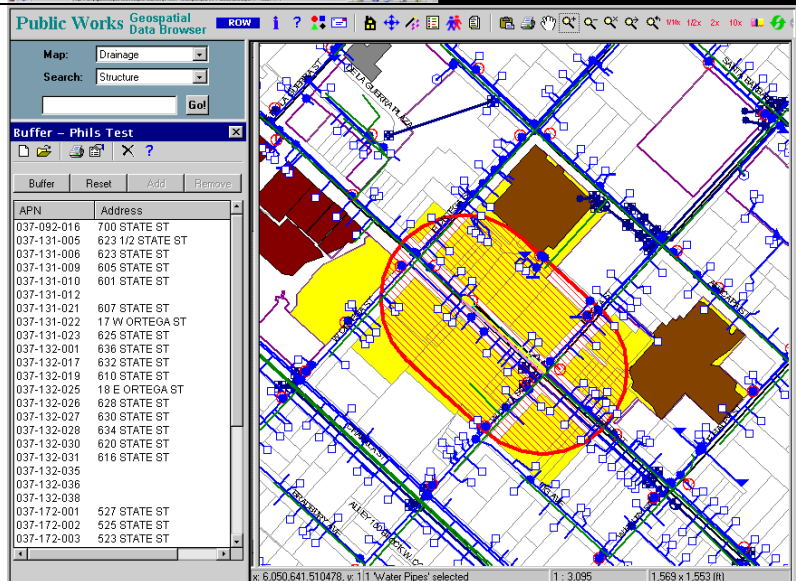
## Record Drawing Display

Drawings from a variety of external sources can be displayed within the NaviGate environment. Scanned drawings can be shown as a backdrop on the facility map used to display locate requests. Scanned drawings or AutoCAD drawings can be accessed from the NaviGate field application and displayed on the locator's PC.



## Integrate With Other NaviGate Modules

You can use NaviGate USA together with other NaviGate modules for functions such as Buffering, Automatic Vehicle Location, or Outage and Trouble Call Visualization.

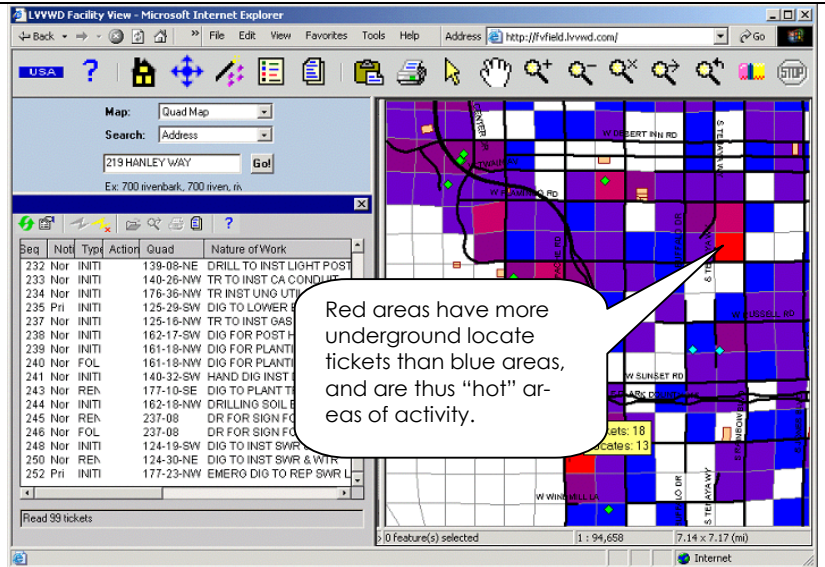


# Gatekeeper Systems

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## Thematic Maps Provide Visualization of Underground Locate Activity Levels

NaviGate includes a number of thematic maps to aid in the analysis of ticket activity, including maps showing recent locate request activity, currently outstanding requests, and request complexity (average number of locates per ticket).



## Powerful Search Tools Are Easy To Use

NaviGate includes a number of powerful search tools, called Navigation Aids. Searches can be based on locate ticket number, street, intersection, address, or a number of other criteria. Field personnel also can perform searches based on customer information (e.g., customer name), facility information (e.g., record drawing number or map number), or general landmark information (e.g., "Washington High School").

Customer Search Results			
<b>MICHAEL DAENZER</b>	40592441	(541) 850-9791	
<b>Account No.</b> 40592441-001	5006 STURDIVANT AVE KLAMATH FALLS, OR 97603-8013 Active		
<b>THERESA DAENITZ</b>	35271216	(435) 645-9976	
<b>Account No.</b> 35271216-001	1522 CUTTER LN SNYDERVILLE, UT 84098-7519 Active		

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