

NaviGate™ Printing Module

Software Product Description

Product Summary

The *NaviGate* Printing Module provides enhanced printing and plotting capability for *NaviGate* applications.

Description

The basic printing capabilities in *NaviGate* applications can print only what is shown on the main *NaviGate* map. While easy to use, this approach limits your ability to print to large-format plotters, plot to specific engineering scales (e.g., “one inch equals 1000 feet”, or 1:12,000), or to control the labeling of objects in the hardcopy output. The *NaviGate* Printing Module overcomes these limitations with the following enhanced output features:

- Users can select specific engineering scales for printing.
- Users can define and choose from a variety of output devices, each with a specific aspect ratio and print resolution. There is no limit to the number of distinct types of output devices, orientations, or printers/plotters.
- The visibility of various elements (annotation, labels, and object visibility) is automatically adjusted for printer device capabilities. The *NaviGate* system administrator can further adjust the printed map configuration to change labels, visibility scales, or other characteristics for the printed output.
- A Print Preview window shows your printed map just as it will appear in the output. You can pan and rescale the window to adjust the area covered by the printed output.
- The printed output matches the layers turned on in the main *NaviGate* map window. Users adjust the layers in the main window and the printed output is set to match those layers.
- You can control the layout elements present in the final output (including title, legend, scale, and north arrow). The Printing Module refines the aspect ratio of the Print Preview window when these elements cause the aspect ratio of the final output to change.
- Users can save their printing preferences for future use.

Data Requirements

The *NaviGate* Printing Module prints the same data that is visible in your *NaviGate* application, but with different rendering and scale visibility rules appropriate for hardcopy output. No additional input data is required.

Installation and Configuration

The purchase price of the *NaviGate* Printing 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* Printing 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* Printing Module may be ordered by contacting Gatekeeper Systems. Please specify the *NaviGate* version with which you will be using this module.

Delivery

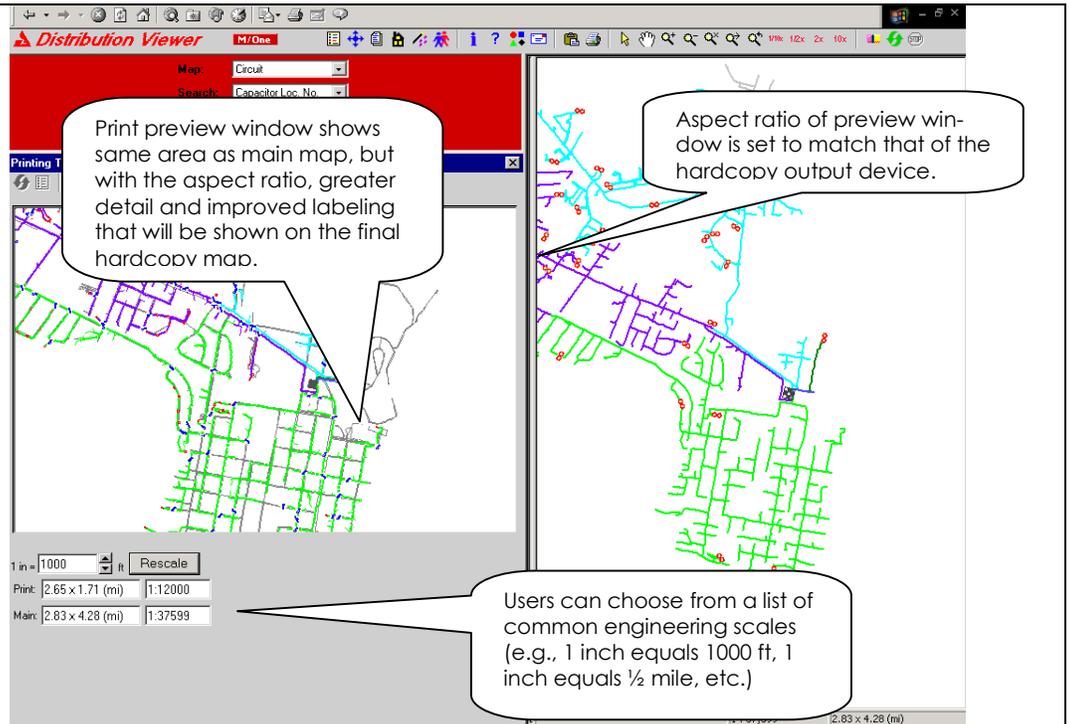
In most cases, the *NaviGate* Printing Module can be installed immediately. Configuration and installation takes approximately one day on site. Contact Gatekeeper Systems for currently available delivery times.

GKS Part Number: 5318-PR1-1

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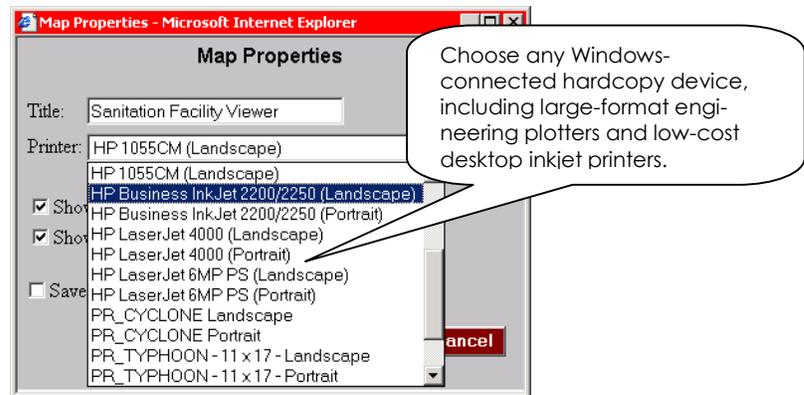
Print Preview Shows Map As It Will Actually Be Printed

Unlike other MapGuide-based applications, the NaviGate Print Module gives users a map preview that shows exactly how the map will print. The Preview Window shows the proper aspect ratio of the final map, and has much more detail and finer labeling than is normally displayed in the main NaviGate map window.



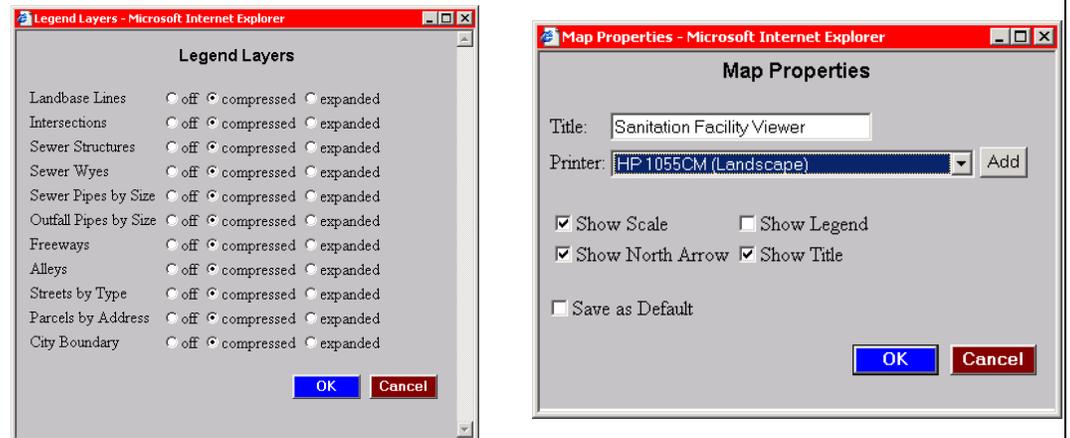
Supports Any Windows-Connected Hardcopy Device

Users can print the NaviGate map to any Windows-connected hardcopy device, including high-end engineering plotters and low cost color inkjet printers. The NaviGate Printing Module matches the scale and aspect ratio of the final device so that the Print Preview Window provides a "see it as it will be printed" preview. You can also print to virtual devices, such as a PDF file.



Customize Map Legend, Title, Scale and North Arrow

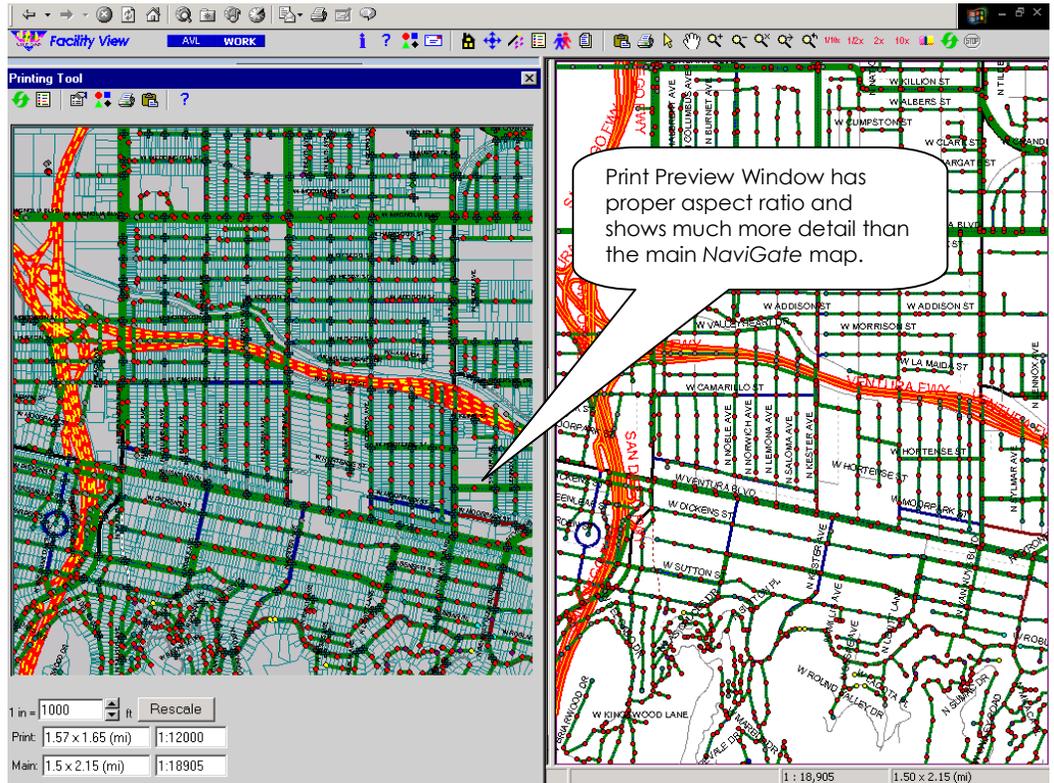
Users can customize the map layers that they want to appear in the legend, and how those legend entries are represented. You can also change the title, scale bar, North arrow, and legend. Save your settings as your personal default values for the next time you print.



Portrait or Landscape

The Print Preview Window can be resized as needed. Users can preview both landscape and portrait output utilizing the full size of the available monitor.

In the main NaviGate map window (on the right) parcels do not show, because for normal usage the parcels are too crowded to be of use. In the Print Preview map on the left, however, the parcels are shown, because they will be usable when the map is printed on a large-format printer. Similarly, the map on the left has additional labeling and smaller fonts. (Small fonts are very difficult to read on a computer monitor, but can be easily used in a high quality printed output.)



Print Toolbar

The Print Toolbar allows users to synchronize the Print Preview Window with the main map, Synchronize the layers, change properties, change the layers in the legend, print, and copy to the clipboard.

