

# SigTrak 32

## Advanced Traffic Equipment Management system



### DESCRIPTION

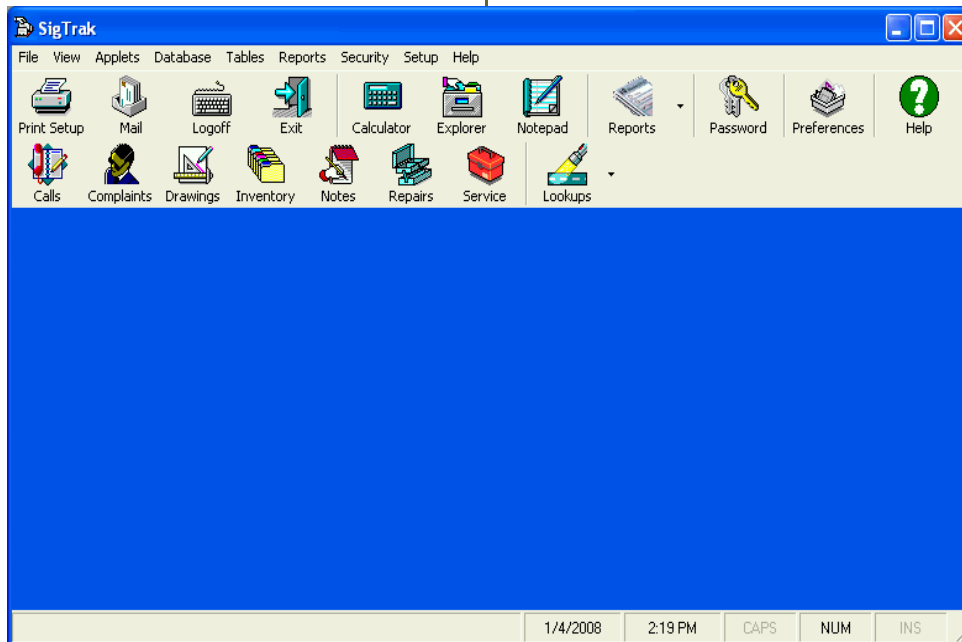
SigTrak is a PC based, central computer program designed to provide a complete traffic signal maintenance/inventory management capability. It has been designed to run under most Microsoft Window operating systems.

SigTrak supports a client/server architecture using most network operating systems. The software has been designed using the latest development systems. The software architecture is modular in design, allowing for ease of maintenance and expandability.

The **EASY TO USE** interface is designed to meet the latest Microsoft Windows design standards. Drop-down menus and toolbars provide quick access to all features and functions. An explorer-style interface provides a user friendly representation of the traffic control device management system. Pre-defined reports provide information on all aspects of the system. Custom filters may be applied to most reports so that only the data of interest is displayed. SigTrak uses Crystal Reports, an off-the-shelf report generator.

**CUSTOM REPORTS** may be defined by the end user and added to RampView32's report menu. Reports may be exported to a wide variety of popular formats, including Microsoft Word, Microsoft Excel, Microsoft Access, comma-delimited text files and comma separated values.

Microsoft Access 2000 is the database used by SigTrak. The database is used to store timing data, graphics and all log data. Backup and restore functions are provided by SigTrak. Database replication is also supported. This feature allows workstations to synchronize with a master database. The workstation or notebook may then be disconnected from the network. Any changes made to the database while in disconnected mode are tracked by the system. When the work station is reconnected to the network, the data is synchronized with the master database. This method provides **MAXIMUM FLEXIBILITY** while maintaining database integrity.



## FEATURES

SigTrak provides the following features:

- **Call management** - allows for the logging and tracking of trouble calls received from citizens, police, employees or any other sources. Reports are provided that show calls grouped by code, date, location and technician. There is also a report showing unanswered calls.
- **Complaint management** - allows for the logging and tracking of complaints or suggestions received from citizens, police, employees or any other sources. Complaints or suggestions are not really trouble calls, but instead are complaints or suggestions about operational matters such as timing, intersection design, etc..
- **Drawings management** - allows for the tracking of any and all drawings and images related to signal maintenance and inventory. This module supports drawings of virtually any type including bmp, jpg, dwg, etc. SigTrak will also allow editing the drawings from within SigTrak using the drawing editor associated with the particular file type.
- **Inventory management** - allows for the tracking of all inventory, including both stockroom and field inventory. The inventory tracks quantities on hand and provides reorder status reports. Reports show inventory by location or part number. Photos of all parts are supported. Parts may be moved from one location to another simply by reassigning the location. SigTrak also tracks warranty status of all parts as well as mean time between failure for all parts.
- **Notes management** - allows the user to add and maintain notes of any type. The notes may pertain to construction, temporary conditions, reminders or any other information the user may find useful
- **Repair management** - logs and tracks all repairs. It tracks both in-house and vendor repairs. Reports show repairs by date, employee, location, part number and vendor. There is also a report showing all open (unfinished) repairs.
- **Service management** -logs and tracks all service performed, including preventative maintenance and relamping. Reports are provided that show service grouped by code, date, employee and location. There are also reports showing preventative maintenance and relamping. SigTrak also tracks response times by date and employee
- **Pre-defined reports** - Seagate's Crystal Reports used for all reporting. Any report may be exported to a wide variety of formats including Microsoft Word, Microsoft Excel, CSV, ASCII, etc. Users may define custom reports and add to menu of SigTrak. Reports may be filtered and previewed prior to printing.
- **Database management utilities** - database backup, restore, replication and synchronization.
- **Windows Pocket PC support for field use** - with a portable device, all the device information can be easily updated synchronized with the central database.

In a summary, SigTrak provides a comprehensive signal maintenance/inventory management program. SigTrak utilizes the latest Windows technologies to provide a customizable and expandable software solution. Database and report generator are off the shelf software allowing for easy integration with other programs.