



BusBoss™

EASY, AFFORDABLE, ROUTING & TRACKING SOFTWARE

Because your precious cargo comes first



Orbit Software


TABLE OF CONTENTS

1 BusBoss™ OVERVIEW

- 1 Flexible
- 1 Networkable
- 1 Redistricting
- 2 BusBoss™ Maps
- 2 User Auditing
- 3 Transfers
- 3 Students Attending Second Schools
- 3 Retain and Modify Historical Data
- 3 Reports
- 3 Custom Installation and Quality Support

4 BusBoss™ SYSTEM CHARACTERISTICS

- 4 True Windows Program
- 4 Programs Available to Suit Your Needs
- 4 BusBoss™ SaaS (Software as a Service)
- 5 BusBoss™ SQL SERVER DATABASE
- 6 One Complete Package
- 6 Student Information
- 8 Routing Functions
- 10 Roads Used by Routes
- 10 Fleet Optimization
- 10 Web Based Field Trips
- 11 Display Routes
- 11 What-If Scenarios
- 11 Special Needs Routing
- 12 Upload / Download / Connectivity Capabilities
- 12 Geocoding Student Data
- 13 Reporting Capability
- 13 Routing Reports
- 14 Sample Reports
- 21 BusBoss™ and Rural Route Addresses
- 22 Redistricting With BusBoss™
 - 23 Redistricting Reports
 - 23 Redistricting Tool

- 
-
- 24 Driver Information
 - 24 Security
 - 25 BusBuster™ Data Verification Utility
 - 25 Alerts Screen

26 SUMMARY OF BusBoss™ FEATURES

27 BusBoss™ SIF AGENT

28 REAL-TIME GPS VEHICLE TRACKING

- 28 Desktop Version Features
- 28 Internet Version Features
- 29 iTRIP Patrol GPS™ Integration—BusBoss™ Enterprise
- 29 iTRIP Patrol GPS™ Benefits

30 REAL-TIME GPS STUDENT MONITORING

- 30 STUDENT PATROL™ Features
- 31 STUDENT PATROL™ Benefits
- 31 STUDENT PATROL™ Data Capture

32 GPS TRACKING HARDWARE QUESTIONS

33 iBusBoss™

- 33 Who needs iBusBoss™?
- 33 Report Access
- 33 Report Format
- 33 User Configuration
- 34 Theme Settings
- 34 Report Search
- 34 Address Lookup (Private or Public)

35 REPRESENTATIVE CUSTOMER LIST

36 TESTIMONIALS

37 IN THE NEWS

38 PURCHASE OPTIONS

39 SYSTEM REQUIREMENTS

- 39 Recommended Server System Requirements
- 39 Recommended Workstation System Requirements

40 PRODUCT COMPARISON CHART

41 ORBIT SOFTWARE CONTACT INFORMATION

42 CONTENTS OF DEMO CD

42 HOW TO VIEW CD

BusBoss™ OVERVIEW

Your Solution for Student Transportation Routing and Scheduling

Every summer, school districts without transportation software spend several months manually scheduling bus routes for their students. With BusBoss™, you can reduce that to a fraction of the time by letting your computer do most of the work for you.



To ensure that you can start using BusBoss™ with minimal effort on your part, our staff will convert your students,

schools, drivers, vehicles, bus stops, addresses and routing information to the correct database format. When you get your system, it will be pre-loaded with your school district's data. Our primary goal is to get you using BusBoss™ as quickly as possible, and we will work with you every step of the way to make sure this happens.

FLEXIBLE

BusBoss™ is easy to use and very flexible. We designed BusBoss™ with you in mind. Every effort was made to ensure that the system would be extremely easy to learn and use. Screens are all laid out using the same format. All functions are easy to find and easy to use. After just a few hours of training,

you will have the ability to use BusBoss™ to create routes.

NETWORKABLE

Take advantage of our networking capability by having several people work on student routing and scheduling tasks simultaneously. BusBoss™ will run on Windows 2000, 2003, XP, VISTA, Windows 7 workstations and Novell networks. BusBoss™ data can also be viewed over the Internet using iBusBoss.™ Make transportation tasks more efficient and cost effective. Optimize your entire transportation operation so you can get more done in a shorter amount of time. BusBoss™ can drastically reduce the time and expense needed to set up and maintain all your transportation scheduling functions.

REDISTRICTING

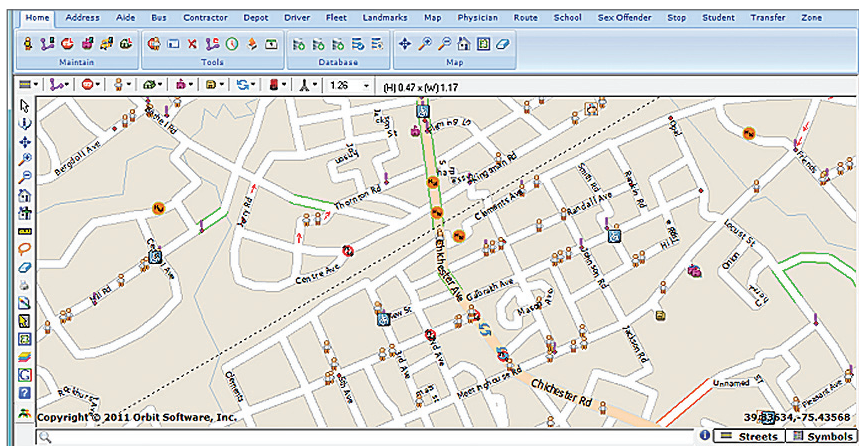
One of the most valuable set of tools are the planning features in BusBoss™. Combined with the ability to create unlimited sets of school boundaries for redistricting scenarios, transportation officials and other district administrators can easily display demographic splatters representing a host of variables. BusBoss™ will list student names, grades, stops, addresses and routes located within each zone created. Attendance and Rider zones can also be automatically created.

BusBoss™ MAPS

Your installation of BusBoss™ will include incredibly detailed maps of your school district, including any areas outside your district where your buses may need to travel. The map data comes pre-loaded with street names and house number ranges along street segments. You do not need to spend weeks entering house number data. Additional map layers are also provided including rivers, lakes, parks, railroads, etc.

Maps can also be printed to any size paper with routes, street names, student house locations, bus stop locations, landmarks and other map symbols displayed.

BusBoss™ Map Screen



EASILY UPDATE MAPS

Do you want to add a new development or road? With BusBoss™, you don't have to wait a year or more for map updates. You can easily add roads yourself in a matter of seconds. All map functions and tools are available on a toolbar whenever the map is displayed. All map editing, route creation and modification, and redistricting functions are performed on the same map. You don't need to change screens.

USER AUDITING

BusBoss™ allows unlimited users access to the program. Record locking prevents users from accessing a student or route while another user has it open. User Auditing tracks and records changes made throughout the system by each user.

TRANSFERS

BusBoss™ will assign students to unlimited transfer buses as needed. Simply create the transfer route(s) and BusBoss™ will guide you using a wizard to assign the students to the various transfer routes needed (pickup and drop-off). Morning and afternoon transfer information will also print on postcards for notifying parents.

STUDENTS ATTENDING SECOND SCHOOLS

BusBoss™ gives the ability to assign students to shuttle buses as needed, for example Vo-Tech students. Simply create the shuttle route and assign the students. Students assigned to shuttle routes are included in all of the routing reports.

RETAIN AND MODIFY HISTORICAL DATA

BusBoss™ allows you to take a “snapshot” of your student and route data and save it to history. When you make changes to students and routes, the original information is not affected.

BusBoss™ is the only transportation program that allows you to save as many days to history as you would like. This can be used to calculate state reports for different days of the month to get the most state reimbursement. Then print accurate routing reports several months and even years later. This is particularly useful if you get audited and need to print bus schedules and passenger lists from prior years.

REPORTS

BusBoss™ has numerous built-in reports available or you can easily create custom reports using the Report Generator. Reports are always printed to the screen first so you can select to print or e-mail all or part of the report to a printer. You can also export the report to a number of Microsoft applications such as Excel and Word for easily creating custom reports or mail merge documents.

CUSTOM INSTALLATION AND QUALITY SUPPORT

Orbit Software will initially convert **all** of your data such as; students, schools, drivers, aides, vehicles, routes with students assigned, and road restrictions. We will install the software and maps onto your computers. We will then provide free instructor led Internet training for your staff to use the software efficiently to schedule all your students and routes.

Continuing yearly support is also available. Orbit's staff of consultants is highly skilled in transportation operations, software design and development, network design and installation, training, and support.



BUSBOSS™ SYSTEM CHARACTERISTICS

TRUE WINDOWS PROGRAM

BusBoss™ was written specifically for a Windows operating system. You will not have the problems some DOS programs have when they were converted to Windows.

What this means for you is that BusBoss™ has all the advanced features and functionality of a true Windows program. Users have the ability to have multiple windows open at a time. View multiple students, routes, schools, etc. without having to close one window before accessing another. The entire program, including the map control is stored in one complete package. No exterior utilities or programs to synchronize to update or maintain.

PROGRAMS AVAILABLE TO SUIT YOUR NEEDS

BusBoss™ is now available with just the functionality you need. Smaller districts that do not need all of the bells and whistles now have the choice to purchase BusBoss™ Express. A software program tailored to handle student routing and scheduling at a significantly lower price. Districts interested in integrated GPS tracking can choose to purchase BusBoss™ Enterprise. The online chart compares the functionality available in each version.

BusBoss™ SAAS (SOFTWARE AS A SERVICE)

BusBoss™ SaaS is a powerful, easy to use and affordable solution for you and your staff. There's no software to install, no hardware to set-up and no headaches. You gain all the benefits of the full-featured BusBoss™ Professional software program without building and supporting a complex IT infrastructure. BusBoss™ SaaS has all of the same features as BusBoss™ Professional and is accessed using Remote Desktop.

Advantages of the BusBoss™ SaaS Model:

BusBoss™ SaaS features a pay-as-you-go monthly subscription fee that provides many distinct benefits over traditional on-site deployments. With no software or hardware to purchase, and no lengthy implementation to endure, your company will be up and running on the BusBoss™ SaaS Online in a short time with little up-front expense.

Cost-Efficient:

The system is upgraded, maintained and supported by us, so there's no need to invest in expensive network infrastructure. There is no up-front software investment and ongoing expenses are predictable.

Accessible:

BusBoss™ SaaS is ideal for most districts with distributed operations. System users at remote locations log into the system safely and securely from wherever they access the Internet.

Secure:

BusBoss™ SaaS provides a level of protection that's hard to achieve in a stand-alone software deployment. We're experts with highly skilled networking personnel, stand-by power, and up-to-date security infrastructure. Your data is backed up religiously, and network redundancies ensure continuous service.

Flexible:

BusBoss™ SaaS can be deployed to the entire organization, a single division or single user. You pay as you go, and as your organization grows you simply add more users as needed.

Low Risk:

With no large up-front investment or long-term commitment, the subscription-based model minimizes the need for a prolonged, in-depth system search and evaluation process. With BusBoss™ SaaS, you minimize your up-front expenses and get your organization working as one in the shortest possible time frame.

Fully Upgradable:

BusBoss™ SaaS is completely upgradable to BusBoss™ Professional. The upgrade process is very simple without any loss of data.

BusBoss™ SQL SERVER DATABASE

BusBoss™ uses a SQL Server database. Most districts are well served with Microsoft SQL Server Express 2005 Desktop Engine. However, for larger school districts that place heavy demands on a database, a SQL Server 2000-2008 can be used. When using SQL Server, it will have all the great features and functionality of Express 2005 with the benefit of allowing more users to be networked, an unlimited database size and additional database optimization features.



The BusBoss™ database can be located on Windows 2000, Windows XP, Windows Server 2003 or Windows Server 2008 **(SQL Server cannot be installed on a Novell Server)**. The BusBoss™ program can be used on any computer with a Windows Operating System. It may be used on a single computer or on a network. It has the ability for multiple users to simultaneously view, modify, retrieve and print information. It is used with Windows 2000, Windows 2003, Windows 2008 and Novell networks and there is no additional charge for network capability.

ONE COMPLETE PACKAGE

BusBoss™ is not a modular system. It is one complete package and sold as such. BusBoss™ does not require maintenance tasks to insure system integrity. Unlike some student transportation programs, the technological advances of BusBoss™ include a superior design allowing it to function without the need for utilities to be run on a regular basis. All the major functions on the BusBoss™ data maintenance screens are performed similarly, regardless of what data is being modified. This makes BusBoss™ functions easy to find and use.

BusBoss™ does not use codes or unfamiliar jargon to represent options or descriptions. Everything in BusBoss™ is in plain English. The program allows you to define data using your own words. When data is entered or updated in BusBoss™, that data is immediately available to other parts of the transportation system that requires the use of that data. For example, if you change the spelling of a street address, then all students living at that address are automatically updated. This data integration is another design feature of BusBoss™ and there are no utilities you must perform for this to occur.

With BusBoss™, you will have the tools necessary to accomplish all data and map modifications and updates yourself. No vendor intervention is required to maintain the BusBoss™ system. Upon completion of training, you will be confident and self-sufficient when using BusBoss™.

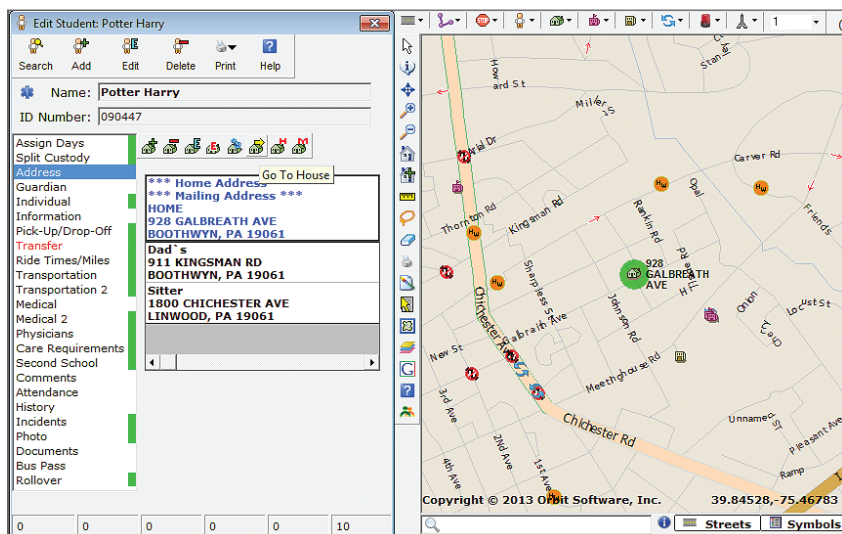
STUDENT INFORMATION

Students can be entered into BusBoss™ either electronically through importing or individually by the user. The add student wizard helps you to enter all student information needed for assigning their routing.

BusBoss™ has complete accountability for students. The system allows you to store an **unlimited number of addresses** for a student. Each address is given a user-defined description. The addresses are then assigned to days of the week, either pick-up and/or drop-off. With BusBoss™, students can be assigned to different stop locations, different buses, and different schools for each day of the week, both pick-up and drop-off, if needed. BusBoss™ also accommodates Split Custody routing, allowing the student to be assigned to a separate set of routes for each day of the week, pick-up and/or drop-off.

Students are assigned to bus stops either automatically or by manually selecting the stop on the map. If a student is assigned to a bus stop that is not currently serviced by a bus, BusBoss™ allows you to change the current stop assignment, or edit a route to include their stop. Users have the ability to display a list of nearby routes that would accommodate the student's needs.





BusBoss™ Student Address Screen

Students are automatically assigned as walkers based on user-defined walk-to-school distances. Students are automatically assigned to bus stops based on user-defined walk-to-stop distances. These distances are unique for each school. Students can be assigned to bus stops even if they live in a school's walk zone but they need to ride because of hazardous conditions. House Stops can also be created automatically.

Student photos can also be viewed individually and printed on multiple reports, such as bus passes, route rosters, etc. Documents relating to student information can also be stored and viewed from within BusBoss™.

Track student incidents using BusBoss™. Each incident records the date, person reporting, description of the incident, and action taken. Incident reports can be printed by student or by driver.

BusBoss™ has a graduation utility that automatically promotes students from one grade to another, moves students to the appropriate schools, deletes 12th graders, deletes inactive students, and retains or changes transportation information accordingly.

Students that attend schools outside of the district are not treated differently than students attending district schools. Bus routes for all students in BusBoss™ are generated in the same way.

ROUTING FUNCTIONS

CREATE STOPS

All routing functions are performed using the graphic GIS map of the district. You do not have to change to a different screen to accomplish these tasks. All map-editing functions (zooming, information, adding roads, adding bus stops, etc.) are also available to you the routing process.

BusBoss™ creates bus stop descriptions automatically based on the name of the nearest street or intersection. You can manually change the description if necessary. Bus stops can be set to service multiple schools, eliminating the need for duplicate stops.

BusBoss™ automatically creates door-to-door, private and shared intersection stops. Users can also manually create stops. Simply click to add a bus stop on the map at the desired location and accept or modify the stop description. This stop can now be assigned to any student and route.

ROUTE TYPES

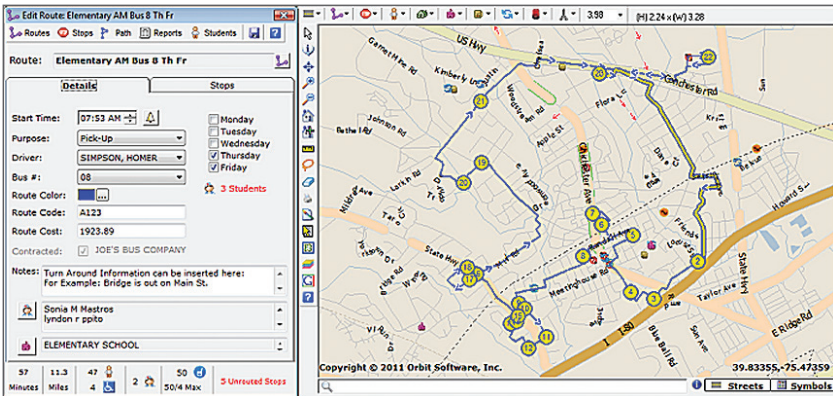
Routes can be created to transport students in any combination, such as multiple schools, on the same set of buses. Transfer routes can be created and all students needing transfers will be automatically assigned. Different routes can be set for each day of the week for each bus. For example, a route can be set up to run only on Tuesday/Thursday and a different variation on Monday/Wednesday for the same bus. BusBoss™ also has the ability to optimize the stop order of individual routes selected by the user.



BusBoss™ allows the user to define additional route types. They can be used for creating after school routes, snow day routes and even alternate routes for when some schools are not in session.

ROUTING SCREEN

BusBoss™ uses a split screen for routing functions. One side of the screen displays all the route information in text format, the other side of the screen displays the graphic map with the route highlighted. Multiple routes can be open at one time. This screen setup is unique to BusBoss™ and makes it easy to create and modify your routes.



BusBoss™ Routing Split Screen

On the text screen you can get information at each stop including the time at the stop, the miles traveled, and manual time adjustments.

BusBoss™ also allows you to list the names of students at any stop on the route from the route text screen. You can also display the students on the map screen. So you can visually see the roads traveled by the student to board the bus. You can open a student record from the routing screen, make changes to the student record, and have them immediately effective upon return to routing.

ROUTE PATHS

BusBoss™ will calculate the shortest path between bus stops when creating routes (by distance or by time). The time at stops, miles traveled, and driving directions are also automatically generated when calculating paths.

The paths calculated are determined using actual travel distances so that the times and mileages at each stop are accurate. User-defined Turn Restrictions, Vehicle Height and Weight Restrictions, Road Blocks and One-Way Roads are utilized when calculating the shortest path.

You can define a default load delay time per student (in seconds), and a load delay time based on an individual student (special needs). These load delay times are incorporated into the routes to determine accurate times. Speed limits based on time of day can also be modified for more accurate stop times.

All route paths can be manually edited by adding path points. Dragging the road segments defining the path the bus travels easily changes the path between any two stops on a route. Roads can be broken at any bus stop location to account for door-to-door mileages and travel times. Visual alerts will be displayed when manual path modifications are not properly connected.

Student route information is automatically updated when route data is saved. Simply change the route and click the save icon.

Route reports, such as bus schedule, passenger list, and route maps with driving directions for the current route can be printed without leaving the route screen.

ROADS USED BY ROUTES

Users have the ability to display a list of the routes that travel along a specific road. This information can be used to determine the number of routes using the same streets or the appropriate routes for servicing new stops.

FLEET OPTIMIZATION

BusBoss™ gives you the ability to create an **unlimited** number of routing sets without altering the current routes. New route sets are created with user-defined criteria utilizing one-way roads and roadblocks. Bus Schedules, Passenger Lists and Route

Instruction Reports are available for analyzing and implementing each individual route.

WEB BASED FIELD TRIPS

BusBoss™ users can add on the additional functionality for field trip scheduling, monitoring and costing. This function streamlines the task of managing field trips while putting it all at your fingertips.

- BusBoss™ TRIPS uses a secure Internet based interface with no additional software to install.
- Groups are assigned users with passwords limiting access and individual functionality.
- Teachers are able to obtain cost estimates prior to submitting a request for approval.
- Automatically calculates trip costs, comparing layover to round-trip costs and associated fees.
- Administrators have the ability to issue purchase orders based on a maximum cost allowed.
- Transportation staff has the ability to see the availability of busses and drivers using an up-to-date calendar of events.
- Drivers can be given turn-by-turn directions with overview and stop-by-stop maps.
- Trips can be rescheduled and students can be assigned or unassigned without starting over.

- Email Notifications are automatically sent to Teachers, Administrators and Transportation upon requesting, approving, scheduling, re-scheduling, changing and completing field trips.

DISPLAY ROUTES

Route paths and stops can be displayed using different colors for each route. You can display routes by bus number, driver, purpose (pick-up, drop-off or noon-kindergarten), or by school. It is easy to determine where routes can be made more efficient by seeing where route paths are overlapping on the map.

WHAT-IF SCENARIOS

With BusBoss™, you can create an **unlimited** number of ‘what-if’ scenarios without altering the current routes. New scenarios with user-defined descriptions are easily created in BusBoss™. Routes can be modified and saved in a new scenario. You can change from one scenario to another by simply selecting the scenario name from a drop down list. This allows you to easily evaluate scenarios in order to select those that better serve the district.

SPECIAL NEEDS ROUTING

Administrators and supervisors of student transportation programs are responsible for getting students with special needs, as well as students with disabilities, to school safely. What and how they do it should be a major consideration when planning transportation services for all students with special needs.



Their first priority is to provide the safest possible transportation service for all children that need to be transported to and from school or any special program. Second, to comply with all of the federal and state laws, local guidelines, and policies relating to the transportation of students with disabilities. The provision of transportation services for children with special needs is the most regulated and often changing area of education.

BusBoss™ has the ability to graphically display bus stops and house locations of students with special needs. Students with special needs can be assigned individual load delay times so that the time at their bus stop is increased based on how long it takes them to get on or off the bus. Students with wheelchairs can be designated as Manual or Electric and whether or not they can transfer to a seat. Vehicle capacities also take into account the number and type of wheelchairs they can accommodate. Students and routes can also be assigned to Aides. This information is then used when optimizing all of your routes.

Routing functions have been created to handle the uniqueness of each special needs student. Special education routes can be combined with or kept separate from your regular routes.

UPLOAD / DOWNLOAD / CONNECTIVITY CAPABILITIES

BusBoss™ is capable of ODBC links to other software that is ODBC compatible. The system stores data in industry standard structures that are available to third party programs, such as word processors, report writers, etc.

BusBoss™ has the ability to import district data from an ASCII, Text, or Excel file. OSI will process and verify the conversion of the first import. BusBoss™ has an import option that provides the district with the means to perform future imports without vendor intervention.

Student information systems such as Tenex, Pentamation, Power School and Skyward are just some of the few programs that can be used to create the data files used for importing students into BusBoss™.

You can import either an entire or partial student file into BusBoss™. The import function will add students, change student information, or make students inactive. A change to a student is performed on a field level. That is, the information in the import file will update the information in BusBoss™ field by field.

BusBoss™ has the ability to export student routing data to ASCII text format and to any Microsoft application such as, Word and Excel.

GEOCODING STUDENT DATA

BusBoss™ has the ability to locate student addresses and bus stops on the map. This can be done automatically or manually. You can manually move any automatically located addresses or bus stops. Any manual override has priority over automatic functions in BusBoss™.

The address descriptions in BusBoss™ are formatted with the house number, prefix, street name, street type, suffix, city, state, and zip code in separate fields. BusBoss™ distinguishes between two identical addresses (the same number and same named street in two different parts of the district) by the zip code assigned. The system accurately locates these student addresses automatically. BusBoss™ has easy tools for manually locating a student address that could not be automatically located.



REPORTING CAPABILITY

BusBoss™ has a built-in report generator that allows you to create and save unlimited custom reports as well as numerous built-in reports.

The report generator is capable of multi-level sorts (ex. by school, by grade, by name). It also allows you to define filters for searching complex information. Each item selected to be printed the user-defined reports can have a filter assigned. You can easily change sort orders and filters.

User-defined report formats can be saved to a user-defined report title to be recalled for future use without reentering all conditions for the search or the sort. In addition to a built in report generator, the system data is accessible by standard third party report generators through ODBC links.

BusBoss™ generates mailing labels, postcards and bus passes. Student transportation information (bus number, stop description, and time of pick up/drop off) can also be exported to Excel. You can create mail merge documents using this data for generating custom letters, labels, etc.

ROUTING REPORTS

BusBoss™ has the ability to print numerous routing reports for all buses or individually selected routes such as:

- **Route Instructions:** driving directions (turn by turn), bus stop location descriptions, stop times, and names of students.
- **Bus Schedule:** bus stop descriptions, times, miles, number of students and notes to the driver at each stop. Bus Schedules include the miles with students, miles without students, and number of students for each individual route and totals for each bus.
- **Passenger List:** bus stop descriptions, times, and information about the students at each stop (name, address, school, grade, phone number, special education designation, special needs information, weekday usage and user-defined comments).
- **Route Maps:** graphic printout of map with numbered stops and highlighted roads traveled by each route, numbered list describing each stop. Maps of routes can be printed and/or exported to a bitmap from the map screen. Route maps can also be printed for single or multiple routes at a time.

- **Route Costs:** automatically calculates the route costs based on fuel cost per mile, total miles & driver salaries. Also takes into account annual overhead cost.
- **Route Tiering:** visual display of all of the scheduled routes start-time, end time, loaded time, and unloaded times for help with scheduling efficiencies.


BusBoss™ also allows you to use ODBC links so that word processors and spreadsheets can easily access routing information.

Crystal Reports™ can also be used to generate reports directly from the SQL Server database.

SAMPLE REPORTS

The following pages contain samples of just some of the many helpful reports that can be generated by BusBoss™.

Bus Pass Front and Back

<p>Annual Bus Pass</p> <p>Penn Valley Elementary School</p> <p>John Smith</p> <div>  <div> <p>A M</p> <p>SUTTON X SPRING at 08:35 AM on bus 110.</p> <p>P M</p> <p>SUTTON X SPRING at 03:51 PM on bus 110.</p> </div> </div> <p>2012 - 2013 Pass #: 147023-00001</p>		<p>Demo District</p> <p>If Found Please Return this card to: Orbit Software, Inc. Attn: Transportation 2081 E. High Street Suite #2 Pottstown, PA 19464-3211</p>
		<p>Annual Bus Pass 2012 - 2013</p> <p>147023</p>

Bus Schedule Report

Bus Schedule Current Report Date: 2/8/2013

Bus #: 08	Bus Type: 54 Passenger Bus
Route: Elementary AM Bus 8 Th Fr	Wheel Chair Capable: Y
Contractor: JOE'S BUS COMPANY	Height: 11 feet 6 inches
Driver: Marge Simpson	Weight: 1500 pounds.
Usage: Th-Fr	Aide(s): Sonia M Mastro
ELEMENTARY SCHOOL	27
PRIVATE SCHOOL	23

	Stop Description	Count	Time	Miles
1	Ed Smith (Driver Depot)	0	6:55 AM	0.00
2	LOCUST ST X PLEASANT AVE (Wait for mother - Red brick barn in the back.)	2	7:01 AM	2.09
3	BARTLETT ST X OPAL AVE	2	7:02 AM	2.26
4	1107 BEESON AVE	1	7:03 AM	2.66
5	BLUEBALL AVE at 2304	2	7:05 AM	2.89
6	Galbraith Ave X Johnson St	1	7:09 AM	3.40
7	928 Galbreath Ave (Near White Picket Fence.)	1	7:14 AM	3.42
8	1041 CLEMENTS AVE	2	7:24 AM	3.59
9	FLEMING LA X KINGSMAN RD	2	7:25 AM	3.75
10	CHICHESTER AVE X FLEMING LN	14	7:26 AM	3.89
11	2819 THIRD AVE	2	7:39 AM	4.43
12	9TH AVE X MEET	SAMPLE REPORT		
13	BOUDWIN AVE X			
14	BROOMALL ST X WORTH		7:39 AM	5.00
15	WORTH RD X MANOR AVE		8:05 AM	5.49
16	HELMS X BOUDWIN		8:06 AM	5.77
17	Coffee Shop		8:06 AM	5.82
18	NAAMANS CREEK RD X BOUDWIN AVE		8:06 AM	5.87
19	NAAMANS CREEK RD X MILL RD		8:08 AM	6.25
20	2623 MILL RD		8:09 AM	6.30
21	MILL RD (Smith House)		8:11 AM	7.14
22	4147 FOX MILL	1	8:13 AM	8.03
23	BETHEL RD X LAUREL AVE (SP)	1	8:15 AM	8.94
24	1760 Larkin Rd Apt 2	1	8:17 AM	9.45
25	ELEMENTARY SCHOOL	0	8:18 AM	11.21

Turn Around Information can be inserted here:
For Example: Bridge is out on Main St.

Transfer Student Count	0
Second School Student Count	0
Total Students	50
Miles With Students	9.12
Miles Without Students	2.09

Route Instructions Report

Route Instructions Report Date: 2/8/2013

Bus #: 08	Bus Type: 54 Passenger Bus
Route: Elementary/AM Bus 8 Th Fr	Wheel Chair Capable: Y
Contractor: JOE'S BUS COMPANY	Aide(s): Sonia M Mastros
Driver: Marge Simpson	

Time ***Description***	Students	Transfer Bus#	Grade
------------------------	----------	---------------	-------

Start Of Route

1. 6:55 AM ***Ed Smith (Driver Depot)***

Start On Capri Cir, heading towards Flora Ln (for 508 feet)
 Left on Flora Ln (for 222 feet)
 Right on US Hwy (for 174 feet)
 Bear Right on Bethel Rd (for 0.3 miles)
 Straight on Bethel Ave (for 0.5 miles)
 Right on State Hwy (for 0.8 miles)
 Straight on State Highway (for 212 feet)
 Straight on State Hwy (for 88 feet)
 Right on I (for 0.2 miles)
 Bear Right on Beech St (for 0.1 miles)
 Left on E Briarcliffe Ave (for 411 feet)

2. 7:01 AM ***LOCUST ST X PLEASANT AVE***

(Wait for mother - Red brick barn in the back.)

Continue on Pleasant Ave (for 435 feet)
 Right on Opal Ave
 Straight on Locust St

HXXXXX RICHARD (Th-Fr)	04
MXXXXX AMANDA (Th-Fr)	03

3. 7:02 AM ***BARTLETT ST X OPAL AVE***

Left on Bartlett St (for 318 feet)
 Straight on (for 322 feet)
 Left on Vernon Ave (for 258 feet)
 Right on Pleasant Ave (for 394 feet)
 Straight on Ramp (for 168 feet)
 Right on Chichester Rd (for 162 feet)
 Left on Beeson Ave (for 461 feet)

LXXXXX MORGAN (Th-Fr)	04
SWANK TIM (Th-Fr)	02

4. 7:03 AM ***1107 BEESON AVE***

Right on Redwood St (for 438 feet)
 Left on Scott Ave (for 424 feet)
 Right on Blue Ball Rd (for 343 feet)

AXXXXX JUSTIN (Th-Fr)	20	09
-----------------------	----	----

5. 7:05 AM ***BLUEBALL AVE at 2304***

Continue on Blue Ball Rd (for 0.2 miles)
 Bear Left on Chichester Rd (for 150 feet)
 Bear Right on Chichester Ave (for 147 feet)
 Right on Twaddell Dr (for 378 feet)
 Left on Sharpless St (for 387 feet)
 Right on Galbraith Ave (for 0.1 miles)

CXXXXX DANIEL (Th-Fr)	03
CXXXXX MICHAEL (Th-Fr)	04

6. 7:09 AM ***Galbraith Ave X Johnson St***

AXXXXX ANASTASIA (Th-Fr)	20	04
--------------------------	----	----

Created: 2/6/2013 11:39AM

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Page 1

Passenger List Report

Passenger List Report
Report Date: 2/8/2013


Bus #	08	Bus Type	54 Passenger Bus
Route	Elementary AM Bus 8 Th Fr	Wheel Chair Capable	Y
Contractor	JOE'S BUS COMPANY	Aide(s)	Sonia M. Martins
Driver	Maige Simpson		
Usage	Thu, Fri		

Time Student Phone School Grade SE/W/A Weekday Usage

1 6:55 AM **Ed Smith (Driver Depot)**
(NO STUDENTS)


2 7:01 AM **LOCUST ST X PLEASANT AVE**
HXXXX RICHARD
MXXXX AMANDA
2148 LOCUST ST (955) 123-4567 ELEMENTARY SCHOOL 04
706 PLEASANT AVE (955) 123-4567 ELEMENTARY SCHOOL 03

3 7:02 AM **BARTLETT ST X OPAL AVE**
LXXXX MORGAN
SWANK TIM
2118 VERNON AVE (955) 123-4567 ELEMENTARY SCHOOL 04
706 PLEASANT AVE ELEMENTARY SCHOOL 02

4 7:03 AM **1107 BEESON AVE**
AXXXX JUSTIN


SAMPLE REPORT

5 7:05 AM **BLUEBALL AVE at 2304**
DXXXX DANIEL
CXXXX MICHAEL
2226 BLUEBALL AVE (955) 123-4567 ELEMENTARY SCHOOL 03
2226 BLUEBALL AVE (955) 123-4567 ELEMENTARY SCHOOL 04

6 7:09 AM **Galbraith Ave X Johnson St**
AXXXX ANASTASIA


7 7:14 AM **528 Galbreath Ave**
Potter Harry
SPECIAL NEEDS: WheelChair / Aide/Nurse
CARE REQUIREMENTS: Harness Step Stool Secure Phone Car Seat Regular Aide Requirement Private Service Animal Guard Dog Residential Status: Full Time Special Program: Hearing
COMMENTS: Allergic to bee stings - People allowed to take on and off bus: Mother, Father
928 GALBREATH AVE PRIVATE SCHOOL 01 W/A

Created: 2/8/2013 11:44AM

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Page 1

Route Tiering Report

Tiering Report

Bus	Route	Overlap	Start	Loaded	Unloaded	End	6	7	8	9	1	1	1	2	3	4
08	Elementary AM Bus 8 Th Fr		6:55 AM	7:01 AM	8:18 AM	8:18 AM										
08	SENIOR HIGH AM 08	Yes	7:02 AM	7:03 AM	7:18 AM	7:18 AM										
08	MS AM Bus 8 Th Fr		7:20 AM	7:20 AM	7:50 AM	7:54 AM										
08	Elementary AM Bus 8 M Tu We		8:03 AM	8:04 AM	8:31 AM	8:51 AM										
08	NOON TECH BUS 08		11:49 AM	12:02 PM	12:02 PM	12:10 PM										
08	SENIOR HIGH PM 08		2:12 PM	2:12 PM	2:15 PM	2:23 PM										
08	ELEMENTARY PM 8		3:37 PM	3:40 PM	4:14 PM	4:18 PM										
08	Elementary PM Bus 8 Th Fr	Yes	3:40 PM	3:40 PM	4:29 PM	4:42 PM										
08	Total															
09	Bus 09 Pickup Route #1		7:17 AM	7:19 AM	7:46 AM	7:46 AM										
09	Total															
11	ELEMENTARY NOON 11		11:41 AM			12:00 PM										
11	PM TECH BUS 08		2:10 PM			2:28 PM										
11	SENIOR HIGH PM 11	Yes	2:12 PM	2:12 PM	2:23 PM	2:23 PM										
11	TECH BUS 11 PM		3:30 PM	3:40 PM	3:40 PM	3:56 PM										
11	Total															
15	Senior High AM Bus 15															
15	Senior High PM Bus 15															
15	Total															
17	SENIOR HIGH PM 17		2:10 PM	2:10 PM	2:16 PM	2:16 PM										
17	Elementary PM Bus 17 M T W		3:40 PM	3:40 PM	4:40 PM	4:41 PM										
17	Total															
20	PRIVATE TRANSFER BUS 20 AM		7:25 AM	7:32 AM	7:45 AM	7:45 AM										
20	PRIVATE AM BUS 20		9:00 AM	9:17 AM	9:42 AM	9:55 AM										
20	PRIVATE DIRECT BUS 20 PM		2:00 PM	2:00 PM	2:41 PM	2:41 PM										
20	PRIVATE PM BUS 20		3:00 PM	3:00 PM	3:26 PM	3:26 PM										
20	Total															
21	PRIVATE PM BUS 21		2:00 PM	2:00 PM	2:35 PM	2:35 PM										
21	Total															
25	PRIVATE TRANSFER BUS 25 AM		8:50 AM			9:03 AM										
25	PRIVATE TRANSFER BUS 25 PM		2:00 PM			2:15 PM										
25	Total															
27	SENIOR HIGH AM 11		7:02 AM	7:06 AM	7:15 AM	7:15 AM										
27	PRIVATE AM BUS 21		7:41 AM	7:41 AM	8:08 AM	8:08 AM										
27	PRIVATE DIRECT BUS 27 AM		8:51 AM			9:01 AM										

SAMPLE REPORT

Created: 2/8/2013 11:50AM

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Page 1

SAMPLE REPORT

School Calendar by Date Range Report

School Calendar By Date Range 9/2/2013 - 6/20/2014

SCHOOL	DAY TYPE	TIME	NOTES
Monday, September 02, 2013			
Charter School	Full Day (First Day)		
ELEMENTARY SCHOOL	Full Day (First Day)		
HOLDING SCHOOL	Full Day (First Day)		
MIDDLE SCHOOL 5-8	Full Day (First Day)		
MIDDLE SCHOOL 7-8	Full Day (First Day)		
PRIVATE SCHOOL	Full Day (First Day)		
SENIOR HIGH SCHOOL	Full Day (First Day)		
TECH SCHOOL	No School (First Day)		
Tuesday, September 03, 2013			
PRIVATE SCHOOL	Late Arrival	10:00 AM	
TECH SCHOOL	Full Day		Return From Holiday
Wednesday, September 04, 2013			
ELEMENTARY SCHOOL	Early Dismissal	2:00 PM	
MIDDLE SCHOOL 5-8	Early Dismissal	2:00 PM	
MIDDLE SCHOOL 7-8	Early Dismissal	2:00 PM	
SENIOR HIGH SCHOOL	Early Dismissal	2:00 PM	
Wednesday, September 18, 2013			
ELEMENTARY SCHOOL	No School		
MIDDLE SCHOOL 5-8	No School		
MIDDLE SCHOOL 7-8			
SENIOR HIGH SCHOOL			
Thursday, September 19, 2013			
ELEMENTARY SCHOOL	Full Day		Return From Holiday
MIDDLE SCHOOL 5-8	Full Day		Return From Holiday
MIDDLE SCHOOL 7-8	Full Day		Return From Holiday
SENIOR HIGH SCHOOL	Full Day		Return From Holiday
Monday, October 07, 2013			
ELEMENTARY SCHOOL	No School		
MIDDLE SCHOOL 5-8	No School		
MIDDLE SCHOOL 7-8	No School		
SENIOR HIGH SCHOOL	No School		
Tuesday, October 08, 2013			
ELEMENTARY SCHOOL	Full Day		Return From Holiday
MIDDLE SCHOOL 5-8	Full Day		Return From Holiday
MIDDLE SCHOOL 7-8	Full Day		Return From Holiday
SENIOR HIGH SCHOOL	Full Day		Return From Holiday

SAMPLE REPORT

Post Cards

<p>US Postage Paid Permit #123456</p> <p>Demo School District 2081 E. High Street Pottstown, PA 19464-3211</p> <p>Listed below is your child's bus information for the next school year. If you have any questions, call 610-123-45678. Please have your child at the stop 5 minutes early.</p> <p>School: PRIVATE SCHOOL Starting: 9/1/2009</p> <p>Pickup: (Mo-Tu-Wr) Galbraith Ave X Johnson St at 8:04 AM on Bus 08. Arrive at ELEMENTARY SCHOOL at 8:40 AM. Transfer to Bus 20 at 9:00 AM.</p> <p>Dropoff: Not Eligible</p> <p>To the parents/guardians of..... A00000 ANASTASIA 928 GALBREATH AVE 800THWYN, PA 19061</p>	<p>US Postage Paid Permit #123456</p> <p>Demo School District 2081 E. High Street Pottstown, PA 19464-3211</p> <p>Listed below is your child's bus information for the next school year. If you have any questions, call 610-123-45678. Please have your child at the stop 5 minutes early.</p> <p>School: PRIVATE SCHOOL Starting: 9/1/2009</p> <p>Pickup: (Mo-Tu-Wr) Galbraith Ave X Johnson St at 8:04 AM on Bus 08. Arrive at ELEMENTARY SCHOOL at 8:40 AM. Transfer to Bus 20 at 9:00 AM.</p> <p>Dropoff: Not Eligible</p> <p>To the parents/guardians of..... A00000 ANASTASIA 928 GALBREATH AVE 800THWYN, PA 19061</p>
<p>US Postage Paid Permit #123456</p> <p>Demo School District 2081 E. High Street Pottstown, PA 19464-3211</p> <p>Listed below is your child's bus information for the next school year. If you have any questions, call 610-123-45678. Please have your child at the stop 5 minutes early.</p> <p>School: PRIVATE SCHOOL Starting: 9/1/2009</p> <p>Pickup: (Mo-Tu-Wr) Galbraith Ave X Johnson St at 8:04 AM on Bus 08. Arrive at ELEMENTARY SCHOOL at 8:41 AM. Transfer to Bus 20 at 9:00 AM.</p> <p>Dropoff: Not Eligible</p> <p>To the parents/guardians of..... A00000 ANASTASIA 928 GALBREATH AVE 800THWYN, PA 19061</p>	<p>US Postage Paid Permit #123456</p> <p>Demo School District 2081 E. High Street Pottstown, PA 19464-3211</p> <p>Listed below is your child's bus information for the next school year. If you have any questions, call 610-123-45678. Please have your child at the stop 5 minutes early.</p> <p>School: PRIVATE SCHOOL Starting: 9/1/2009</p> <p>Pickup: (Th-Fr) Galbraith Ave X Johnson St at 7:09 AM on Bus 08. Arrive at ELEMENTARY SCHOOL at 8:10 AM. Transfer to Bus 20 at 9:00 AM.</p> <p>Dropoff: Not Eligible</p> <p>To the parents/guardians of..... A00000 ANASTASIA 928 GALBREATH AVE 800THWYN, PA 19061</p>

SAMPLE REPORT

BusBoss™ AND RURAL ROUTE ADDRESSES

RURAL ADDRESSES VS. STREET-STYLE ADDRESSES

Transportation software programs using commercially available maps containing residential rural routes are often unable to cope with the challenges associated with rural addresses. BusBoss™, however, gives an organization the tools necessary to accomplish its required routing and scheduling tasks, even when student households continue to rely on rural route addresses.

Mid-West School District, a BusBoss™ user with rural addresses, is able to easily use BusBoss™ to create and maintain bus routes.

Routing in BusBoss™ functions the same whether school districts locate student addresses or not. Therefore, BusBoss™ users do not have to locate student addresses in order to obtain full routing functionality. House locations are needed only if an “automatic assignment” of students to bus stops is desired or redistricting is required.

Transportation staff can easily assign students to bus stops, manually, without having located home addresses. If you prefer having houses located on the map, this can be accomplished, manually, regardless of student address descriptions. BusBoss™ makes manually locating student addresses a quick and easy task.

Users experience the full range of BusBoss™ routing and scheduling functions in spite of having rural addresses. Full BusBoss™ automation is available to users that includes all of the following functions:

- Create and modify bus routes.
- Automatically calculate stop times and mileages.
- Optimize paths between stops.
- Automatically generate driving directions.
- Utilize numerous built-in reports and an unlimited number of custom reports using the report generator.

The fact that the county may not have converted all of its rural route addresses to the new “911” street-style address format is no longer a compelling reason for not acquiring a comprehensive student transportation management system such as BusBoss™. BusBoss™ offers a realistic way to take advantage of the many benefits of our highly automated transportation management system.

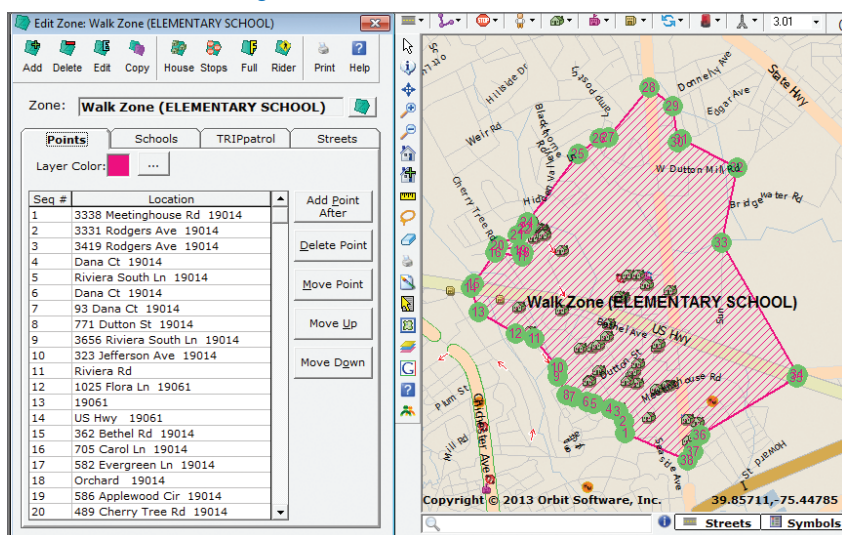


REDISTRICTING WITH BusBoss™

With the BusBoss™ redistricting capability, you can create and save your current school zones and make unlimited changes to them until you get the zones you want. Using these zones, the user can then create a report that will list or count all students located in each zone you create.

The redistricting component in BusBoss™ works with the same map and student data as the bus routing component. BusBoss™ provides the ability to display student homes in different colors for selected variables such as grade, school, race or user-defined variables.

BusBoss™ Redistricting Screen



BusBoss™ has flexible drawing and editing tools for creating zones. Zones can be hidden or displayed, at user discretion. BusBoss™ gives you the capability of creating unlimited zones for considering all possible options. This helps district administrators offer school board members multiple plans for re-aligning students—a tool which key administrators or elected officials should not be without.

REDISTRICTING REPORTS

BusBoss™ has the ability to print maps with school zones in different colors. It is also immediately capable of printing a report of students located inside a newly created zone. BusBoss™ has the following redistricting reports that can be printed or exported:

- Count of students by school by grade within a zone.
- List of students (name, address, school, grade) within a zone.
- List of students assigned to stops within a zone.
- List of all stops within a zone.
- List of all addresses within a zone.
- Mailing Labels for students within a zone.

REDISTRICTING TOOL

BusBoss™ has the ability to move multiple students at once from one school to another school based on current school assignment, current grade and/or current address location. Students and routes are automatically modified to accommodate these changes. You no longer have to manually change each student and route when new schools are built, schools are closed or specific grades have been moved to another building.

The Souderton Area School District says...

"BusBoss™ proved to be a terrific tool in this redistricting process. There is no substitute for starting the process early...involving parents, principals, and transportation officials...and responding thoughtfully to concerns and ideas. BusBoss™ allowed us to present the relevant numerical facts and to evaluate and compare various geographic options. The speed, accuracy, and power of BusBoss™ helped to facilitate the process. I cannot calculate the hours it saved our staff. You have our appreciation for the technical assistance you have provided to our district and our bus contractor."

Steven Pollack
Planning/Operations Supervisor

DRIVER INFORMATION

BusBoss™ tracks driver information including name, address, photo, phone numbers (home, work, cell, pager, email), license (driver's license number and expiration, bus license number and expiration), employment (date of birth, hire date, type of employment, employee identification number, termination date, current salary), background checks performed, 19-A requirements, recertification due date, date of last physical, user-defined violations with date and description, user-defined testing (certifications) with date, result, and description, and user-defined absences with date and description.

Reports can be generated (for individual drivers or for all drivers) for retrieving driver employment information, driver incidents, driver violations, driver testing, and driver absences and to inform you when driver recertification is due.

SECURITY

Security is built into the BusBoss™ system. You must have a user name and password to login to BusBoss™. Each user is assigned to a user group. A system administrator can create an unlimited number of user groups. User groups are assigned to each individual screen in the system as follows:

- No Access—user cannot enter the data screen.
- Read Only Access—user can enter the data screen, but cannot change the data.
- Full Access—user can enter the data screen and change the data.

**MAKE THIS PIN MAP
A THING OF THE PAST!**



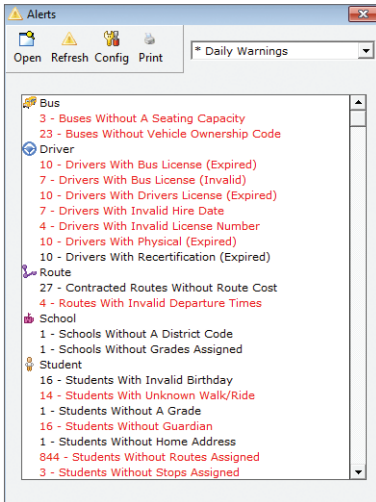
BusBuster™ DATA VERIFICATION UTILITY

BusBuster™ is a utility within BusBoss™ that quickly and easily evaluates the status of your data (vehicles, drivers, contractors, schools, students, and routes) for completeness and accuracy. It runs many checks on your database and then prints reports showing incomplete data with advice on how to correct the data.

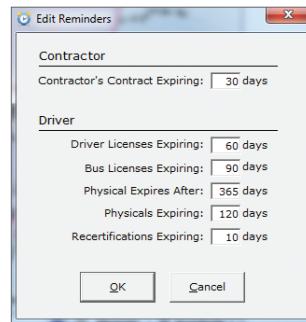
ALERTS SCREEN

BusBoss™ automatically displays a list of alerts that are pre-selected by the user to monitor possible discrepancies. These will display when you log into the program and can be accessed and refreshed at anytime.

Alerts Screen



Alerts Screen Reminders



SUMMARY OF BusBoss™ FEATURES

- Fast, efficient routing software to solve all your student transportation needs and state reporting requirements.
- Regular and Special Ed routing all within one program.
- Web Based Field Trip routing for unlimited users.
- Ability for multiple users to simultaneously view, modify and retrieve information.
- Create and save unlimited scenarios for “what if” transportation planning.
- Fleet Optimization provides system generated routes while adhering to district stop, walk and boundary policies.
- Detailed area maps preloaded with street names, house numbers, rivers, lakes, parks, etc.
- Easily edit your maps for adding new roads, bus stops, and house locations.
- Automatically assign students to bus stops based on user defined walk to stop distances.
- Daily pick-up and/or drop-off routing for home and split custody routing.
- Students can have an unlimited number of addresses.
- Assign students to unlimited pick-up and drop-off transfers.
- Track student incident problems by date and driver and print reports for parents and school principals.
- Store unique school calendars for each school.
- Create school zones for redistricting and displaying school boundaries.
- Save historical student and route data for accurate reporting.
- Up-to-date sex offender/threat zones with built-in nearby stop alerts.
- Custom software installation and on site, personal training tailored to your needs.
- Quality yearly maintenance and support available.



BusBoss™ SIF AGENT



Orbit Software, Inc. (OSI) is a member of Schools Interoperability Framework Association (SIFA). This means OSI is actively engaged in participating in an industry-supported technical blueprint for K-12 software that will enable diverse applications to interact and share data seamlessly. The industry standard designed by SIF provides full data integration and accuracy among all software programs attaining SIF compliance.

BusBoss™ became SIF certified in August 2005. Using the BusBoss™ SIF Agent will automate the process of adding, withdrawing or changing student information simultaneously in BusBoss™ and in your district's student information system, eliminating duplicate work and reducing the chance for errors. Manual importing to update BusBoss™ will no longer be necessary.

This is to certify that



Orbit Software, Inc.

has successfully completed the SIF Certification process indicating that the following product has demonstrated its conformance to the SIF Certification Program product standard listed below:

BusBoss 6.0 and up
with BusBoss SIF Agent 1.51

Product Standard:

SIF-enabled Application 1.5

Date certified: August 11, 2005
Valid until: August 11, 2012
Certification ID: 43502

TM: The SIF Certification Logo is a worldwide trademark or registered trademark of the SIF Association. The SIF Certification logo may only be used on or in relation to products that have been certified under this program and only after the company has entered into the trademark license agreement with the SIF Association. The register of SIF Certified products may be viewed at <http://certification.sifinfo.org/register.html>

The SIF Certification Program is operated by The Open Group.

REAL TIME GPS VEHICLE TRACKING



iTRIP Patrol GPS™ provides real-time tracking and emergency notification giving students a critical measure of safety as well as managers more control over their assets.

iTRIP Patrol GPS™ is available two ways: Desktop Version and an Internet Version.

DESKTOP VERSION FEATURES

- **LIVE VEHICLE LOCATION UPDATES**
- Monitor and display your entire fleet in real time on detailed wide area maps with speed, time, and location information.
- Capture actual data to help eliminate problem drivers (unauthorized rerouting, etc.).
- Display the path a vehicle traveled to track where your drivers have been.
- Save money! Track driver times to eliminate excess hours.
- Set security alerts that trigger an alarm when a vehicle:
 - Deviates from normal route.
 - Exceeds preset speed limit.
 - Stops at an unauthorized location.

- Print activity logs for vehicles (start time, end time, average speed, max speed, total miles) to help better manage routes and drivers.
- Use generated data to update your scheduled routes with accurate times and mileages from actual driven routes.
- Emergency button on vehicles can send a signal back to the depot in a crisis situation.
- Real-time data can be accessed over a network (or the internet—see below) for display on several computers.
- Compare planned vs. actual routes for possible cost savings.
- Utilize as a risk management tool to possibly lower insurance premiums, and/or eliminate certain insurance claims, improve loss experience rating and save on cash liability payments.

INTERNET VERSION FEATURES

Anyone with access to the Internet can view and monitor real-time vehicle activity on their computer (password protected). You can host the data on your web server or we can provide web hosting for a small monthly fee.

.....

iTRIP Patrol GPS™ software may be used with your choice of GPS tracking hardware.

.....

TRIP PATROL™ INTEGRATION — BusBoss™ ENTERPRISE



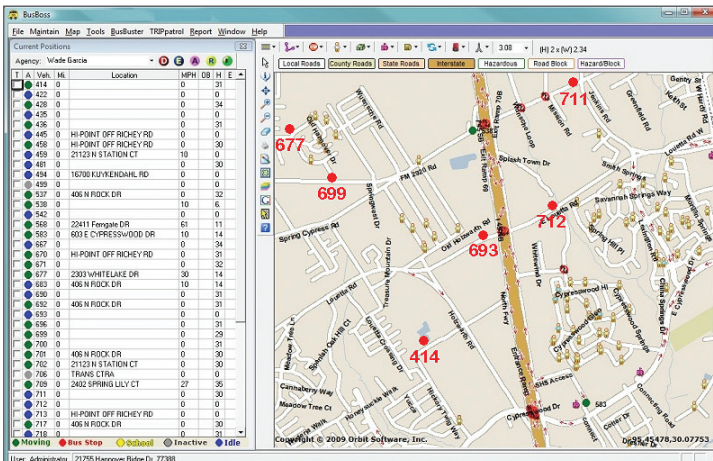
Add real-time tracking to the comprehensive routing features found in BusBoss™ transportation software.

BusBoss™ ENTERPRISE with iTRIP Patrol™ will do it all in a fully integrated software program. No additional data work or maps are required when iTRIP Patrol GPS™ is added to BusBoss.™ Everything displays on one map!

TRIP PATROL™ BENEFITS

- Provides real-time data to administrators giving them the ability to optimize routes, induce labor savings, and reduce fuel and maintenance costs.
- Helps districts contain costs and eliminate the possibility of unnecessary expenditures by providing the ability to audit third party contractor invoices.
- Provides peace of mind to school district personnel and parents concerned with the safety of their children.
- Compare and update your scheduled routes with actual driver routes to reflect accurate times and mileages.
- Network the data for display on more than one computer at a time.

TRIP Patrol™ Integration Screen



REAL-TIME GPS STUDENT MONITORING



BusBoss™
STUDENT PATROL

STUDENT PATROL™ provides real-time monitoring and emergency notification giving students, parents and school personnel a critical measure of safety.

In addition to iTRIP Patrol GPS™ tracking software, Orbit Software has also added a GPS student monitoring application, using bar code and RFID scanners.

This monitoring application can be easily added to BusBoss™ whenever your district administrators determine a need for integrated student monitoring. You do not need two separate software programs for routing and tracking. BusBoss™ will do it all with one, fully integrated software program. No additional data work is required to use the real-time tracking version.

STUDENT PATROL™ FEATURES

- Monitor students whenever they enter or exit the bus instantly when they swipe their ID card. RFID cards can be read without the need for swiping.
- The driver is focused on safety and security of student transportation.
- Effectively manage daily transportation operations and accurately track ridership.
- Quickly and effectively respond and manage emergency situations.
- Bus rider status is automatically and immediately available to transportation personnel, principals, parents and school administration via a secure website.
- Card Readers can also be installed in the buildings to monitor student attendance.



STUDENT PATROL™ BENEFITS

Student tracking serves as a sophisticated tool to reduce costs for your district as well as provide your district with features for safely transporting students to and from school. There are a multitude of aspects to consider with tracking:

- Capture data in real-time and without connection bottlenecks.
- Adhere to Department of Education regulations to track ridership.
- Provide data to federal and state government for revenue maximization.
- Provide real-time data to administrators to help them better manage their routes and drivers resulting in potential savings of fuel, wages, and bus efficiency.
- Provide peace of mind to parents concerned with the safety of their children.

.....

***STUDENT PATROL™ has been
tested and used with Nextel™***

.....

STUDENT PATROL™ DATA CAPTURE

- The following unlimited types of transactions are captured and delivered to the school:
- Mobile ridership capture—each time a student gets on or off the bus, including student name, time, date, location, and bus number.
- Web visibility—making the ridership viewable via the school district web site or Intranet (e.g. to designated administrators, parents, probation officers, state administrators).
- Ridership made available for all of your back office systems such as BusBoss.™
- Enable parent notifications to enhance student safety.
- Easy Installation. Fast Conversion. Affordable Solution.



GPS TRACKING HARDWARE QUESTIONS ...

CELLULAR SERVICE SOLUTIONS



BusBoss™
iPhone GPS

AT&T Wireless

App Store

www.apple.com/itunes

BusBoss™ Software is required.

www.busboss.com



BuSraq LLC

Moshe Suissa, President

moshe@bustraq.com

Phone: 866-628-7872

www.bustraq.com



Discrete Wireless

400 Northridge Road, Suite 500

Atlanta, GA 30350

Phone: 678-338-5950

discretewireless.com



Synovia Corporation

9330 Priority Way West Drive

Indianapolis, IN 46240

Phone: 877-796-6842

www.synoviasolutions.com



Wade Garcia & Associates

Mr. Mike Wade

mike@wade-garcia.com

Phone: 210-882-7068

wade-garcia.com



INSPECT • TRACK • KNOW

Zonar Systems

19518 International Blvd., Ste. 101

Seattle, WA 98188

zonarsystems.com

iBusBoss™

iBusBoss™ is a brand new internet add-on for the desktop version of BusBoss™. With iBusBoss™, a user can securely view data and reports directly from BusBoss™ on virtually any Internet-enabled computer or smart phone. iBusBoss™ contains a large selection of reports that can easily be displayed, printed, sorted and formatted to meet any users individual needs.

WHO NEEDS iBusBoss™?

iBusBoss™ is the perfect solution for any organization that needs to have their transportation information available to anyone, anywhere, anytime. For example, if a student forgets their bus number any teacher, secretary, or even parent could easily open iBusBoss™ in their web browser using a secure Internet login name and password to retrieve that information for the student. This avoids unnecessary calls to the transportation department.

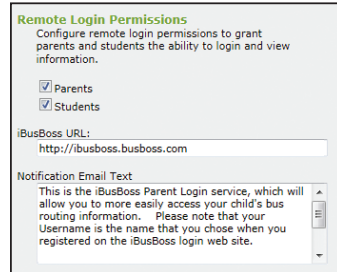
USER ACCESS

We understand how valuable your data is to you, which is why iBusBoss™ allows you to configure access according to unique user permissions. In the administration panel, you can set the default security mode to limit access by the selected Bus, Contractor, Driver, School or Student(s).

Login Permissions can be configured to allow staff and parents the ability

to login and view student routing according to their assigned security mode.

Remote Login Permissions



Remote Login Permissions
Configure remote login permissions to grant parents and students the ability to login and view information.

☒ Parents
☒ Students

iBusBoss URL:

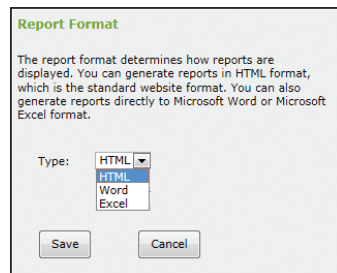
Notification Email Text
This is the iBusBoss Parent Login service, which will allow you to more easily access your child's bus routing information. Please note that your Username is the name that you chose when you registered on the iBusBoss login web site.

iBusBoss™ users are completely independent of your BusBoss users so you can have as little or as many logins as you need.

REPORT FORMAT

iBusBoss™ gives you the ability to retrieve and display reports in several different formats: HTML, Microsoft Excel, or Microsoft Word. This flexibility ensures that you will always get the data you need in a format that you can work with.

Report Format



Report Format
The report format determines how reports are displayed. You can generate reports in HTML format, which is the standard website format. You can also generate reports directly to Microsoft Word or Microsoft Excel format.

Type:

PARENT LOGINS

Parent logins are restricted to student routing information linked to students by their parent's email addresses.

REPORT SEARCH

Some users might not know which report to run to retrieve the information they need. So iBusBoss™ includes an innovative search feature, which will assist you in finding what you need. To use this functionality, you simply enter what you are looking for, and then click LOOKUP. The query will return links to reports or items that match your criteria.

ADDRESS LOOKUP (PRIVATE OR PUBLIC)

School District Administrators can allow staff and parents the ability to lookup attendance and routing information based on a particular street address or intersection. This functionality can be made available to the Public using a web based query or Private for local access only.

Address Lookup

**Demo Scenario
Address Lookup**

Address/Intersection Search

School Type: Public School: Any

Address: 190 Opal Ave Search

Zones

	PK	K	1	2	3	4	5	6	7	8	9	10	11	12
Attendance Zone														
MIDDLE SCHOOL 5-6														
Walk Zone														
MIDDLE SCHOOL 5-6														
MIDDLE SCHOOL 7-8														
Rider Zone														
ELEMENTARY SCHOOL														
SENIOR HIGH SCHOOL														

Bus Stops

Disclaimer: The bus stops listed here are for information purposes only. Final bus stop assignments must be approved by the transportation department.

ELEMENTARY SCHOOL

BARTLETT ST X OPAL AVE

Pickup: Bus: 08, 6:36AM

Pickup: Bus: 17, 7:27AM

Dropoff: Bus: 08, 3:20PM

LOCUST ST X PLEASANT AVE

Pickup: Bus: 08, 6:35AM

Pickup: Bus: 17, 7:27AM

SENIOR HIGH SCHOOL

OPAL AVE X PLEASANT AVE

Dropoff: Bus: S50, 2:14PM

BEECH ST X BRIARCLIFF AVE

Dropoff: Bus: S50, 2:14PM

Address Lookup Settings

☒ Public
☐ Private

☒ Display Routing Information

Display:
Route Description

☒ Display Stop Time
☒ Display Purpose

Save Cancel

REPRESENTATIVE CUSTOMER LIST

*Berlin Township Board of Education
West Berlin, NJ*

744 Students, 16 Routes, 7 Schools,
7 Drivers, 7 Buses

*Centennial School District
Warminster, PA*

6400 Students, 245 Routes,
83 Schools, 39 Drivers, 41 Buses

*Cherry Hill Public Schools
Cherry Hill, NJ*

11,500 Students, 500 Routes,
19 Schools, 9 Contractors

*Chichester School District
Boothwyn, PA*

4600 Students, 180 Routes,
83 Schools, 40 Drivers, 30 Buses

*Dover Area School District
Dover, PA*

3500 Students, 264 Routes,
20 Schools, 39 Drivers, 39 Buses

*Eastern York School District
Wrightsville, PA*

3000 Students, 99 Routes,
17 Schools, 20 Drivers, 23 Buses

*Lake Elsinore Unified School District
Lake Elsinore, CA*

22,000 Students, 90 Routes,
27 Schools, 50 Drivers, 95 Buses

*Lancaster School District
Lancaster, PA*

11000 Students, 167 Routes,
63 Schools, 42 Drivers, 42 Buses

*Methacton School District
Fairview Village, PA*

6250 Students, 302 Routes,
130 Schools, 99 Drivers, 93 Buses

*Pittsgrove Township School District
Pittsgrove, NJ*

2000 Students, 63 Routes,
4 Schools, 29 Drivers, 29 Buses

*Reading School District
Reading, PA*

17,600 Students, 86 Routes,
35 Schools, 43 Drivers, 43 Buses

*Spring Independent School District
Houston, TX*

36,000 Students, 910 Routes,
39 Schools, 182 Drivers, 225 Buses

*Souderton Area School District
Souderton, PA*

6500 Students, 382 Routes,
57 Schools, 91 Drivers, 91 Buses

*South Western School District
Hanover, PA*

4200 Students, 180 Routes,
12 Schools, 49 Drivers, 40 Buses



*At Orbit Software we are proud
of our relationship with all of our
clients. Feel free to contact any
of them and ask about our support
and services. For a more complete
list with names and phone numbers
please contact us. We will be
happy to send it to you.*



TESTIMONIALS

BUSBOSSTM CLIENTS SPEAK OUT

"Great program! Very user-friendly. As a transportation supervisor, I think it has everything you need to run your operation efficiently. There is always a qualified person to answer your questions. The response time is within minutes to a half hour."

Faye Rinker
Transportation Supervisor
Dover Area School District

"BusBossTM held up to its reputation and never let me down. I was pleasantly surprised at how easy it was to move throughout BusBossTM. It truly is as user-friendly as I was told. The on-screen prompts, menus as well as the manual made it possible for me to address most of my questions and concerns on my own. Those times, however, when time pressures and tension got the best of me, you were always there to bail me out. No matter what I did wrong, or failed to do at all, it was reassuring to know that you were never more than a phone call away."

Caron Decker
Assistant Business Administrator
Shippensburg Area School District

"I appreciate the easy-to-use windows format. I can easily access all information from the map screen. We haven't found anything difficult to use. Customer support is incredible! We have received prompt guidance for all our problems. All employees are always pleasant and very helpful."

Nancy Zeigler
Transportation Supervisor
Great Valley School District

IN THE NEWS

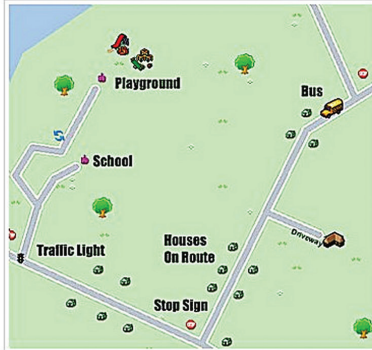
The **Post** Sanatoga

Categorized | Pottsgrove Schools

Pick Up, Here: Pottsgrove Software Improves Its Busing

Posted on 23 August 2011. Tags: [Pottsgrove School District](#)

POTTSTOWN PA – When Pottsgrove School District bus schedules are publicly released Wednesday (Aug. 24, 2011), they likely will generate sighs of relief among parents anxious to know what routes their students will ride to reach school. They might also make bus drivers happy, because over time routing will become more efficient. They could even bring a smile to the faces of taxpayers, who recognize that busing can be an expensive exercise, according to district Director of Technology Michael Wagman.



Pottsgrove's new transportation software tracks buses in real time using GPS, and gives details about each route

Pottsgrove in years past has issued its bus schedules by the third week of August, giving parents and students two weeks' advance notice of their assigned routes. That wasn't possible this year, Wagman noted, because the district changed its transportation routing software, causing routes to be redesigned. "We expect ... this change will yield cost savings to the district without compromising service," Wagman said in an e-mail last week.

A business-related bonus accompanies the switch, too. The new computer package is being licensed from Orbit Software, a long-standing Lower Pottsgrove (PA) Township business that currently operates from offices on East High Street in Sanatoga. Orbit's BusBoss software and other products are used by school districts across the country to shorten

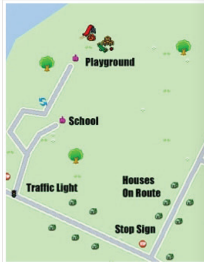
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Pottsgrove's new transportation software tracks buses in real time using GPS, and gives details about each route

the distances their buses travel.

In some instances it can save parents and school districts money, Wagman said. "The software will allow things like address changes and the district – to be shared in real time" with CMD Services Inc., the district's bus contractor located on Farmington Avenue in Pottstown.

Compare that, Wagman added, to the current lengthy and potentially error-prone process: School offices receive information in a phone call from a parent. The offices contact CMD by phone or fax. CMD then enters the information into its routes.

Taxpayers should not anticipate immediate savings in the bus budget, Wagman said. "The district is paying for BusBoss primarily to improve the efficiency of the transportation system ... to have access to better information more quickly ... and to be more responsive to our families. Initially, there will be little savings."

That should change, however, as the software tweaks and streamlines district bus runs, Wagman added. "By making them more efficient, we can cut down on the miles traveled each day, the amount of fuel consumed, and perhaps cut down the number of buses on the road." This year's bus runs will be evaluated, and improvements could be proposed for the following school year.



The Sanatoga offices of Orbit Software



PURCHASE OPTIONS

In an effort to help reduce the financial burden on school districts, we are now offering alternative payment options made possible through leasing companies. Rates may vary and are subject to credit review.

Plans 3 and 4, as described below, use financing with very low rates of interest and distribute the cost of BusBoss™ over a period of time. Title to the software passes to the district when payment has been made, in full. School Districts have the choice of securing financing through sources other than Direct Capital.

Plan 1 — Buy Using Normal Purchase Option

The normal method of payment is 1/2 with the signed agreement and 1/2 at installation. Payments are remitted by the school district directly to Orbit Software.

Plan 2 — Buy Now, Pay Later Option

Software is installed and down payment is paid in current school year. The balance is deferred to be paid by July 31 of the following school year.

Plan 3 — Monthly Option *

Term:	3 to 5 years
Interest Rate:	to be determined
Payments per Year:	12
Monthly Payment:	Based on Purchase Price

Plan 4 — Annual Option *

Term:	3 to 5 years
Interest Rate:	to be determined
Payments per Year:	1 payment is made annually
Down Payment:	Based on Purchase Price
Annual Payment:	Based on Purchase Price

* Financing available through Direct Capital, apply online at www.directcapital.com/apply/orbitsoftware.

If you are interested in exploring Purchase Plan 3 or 4, please contact them directly.

SYSTEM REQUIREMENTS



If this system will only be used for BusBoss™, you do not need to purchase a “Server” machine for your server. “Servers” typically

have RAID array drives with multiple processors, etc... For a “BusBoss™ Server”, a high-end workstation machine will suffice. If you intend to use the “BusBoss™ Server” for other applications, it is recommended you purchase a typical “Server” machine.

Orbit Software now has a real-time bus tracking solution. If you intend to purchase this system in the future, it is recommended that you purchase a typical “Server” machine. With the GPS tracking product, much more disk access is required and therefore a faster hard drive would be recommended.

RECOMMENDED SERVER SYSTEM REQUIREMENTS

- Computer with Windows Operating System (2000/XP/2003/VISTA/2008/8)
- Pentium IV Processor 2GHZ or faster
- 17” Color Monitor capable of 1024 X 768 screen resolution

- 100Mbps Network Card
- Internet Access
- 2GB free hard disk space or greater
- 4GB (2GB Minimum) RAM or greater
- 32MB Video card

RECOMMENDED WORKSTATION SYSTEM REQUIREMENTS

- Computer with Windows Operating System (32-bit XP or 32/64-bit VISTA/7/8)
- Pentium IV Processor 2GHZ or faster
- 19” Color Monitor capable of 1024 x 768 screen resolution
- 100Mbps Network Card
- Internet Access
- 1GB free hard disk space or greater
- 2GB RAM or greater
- 64MB Video card

BusBoss™ PRODUCT COMPARISON CHART

See which one is right for you...

Feature/Functionality	BusBoss™ Express	BusBoss™ Professional	BusBoss™ Enterprise
Networkable (unlimited users)		•	•
Integrated GIS Map	One County	Three (3) Counties	Six (6) Counties
Student & Route Conversions	Additional Charge	Additional Charge	Additional Charge
Store School Information & Calendars	•	•	•
Store Driver Information	•	•	•
Modify Map (Add/Delete/Set One-Way Roads)		•	•
Modify Streets (Height, Weight & Turn Restrictions)		•	•
Map Updates		•	•
Create & Copy Daily Bus Routes	•	•	•
Print Bus Schedules & Driving Directions	•	•	•
Complete & Accurate Student Rosters	•	•	•
Route Tiering		•	•
Assigned Seating		•	•
Route Optimization	•	•	•
Fleet Optimization		•	•
Stop Optimization		•	•
Export Student Routing Information		•	•
Assign User Permissions		•	•
Import Student Information		•	•
Graduate Students	•	•	•
Print Mailing Labels, Post Cards & Routing Letters	•	•	•
Assign Students to Daily Bus Routes	•	•	•
Assign Unlimited Transfer Routes		•	•
Assign Students to VoTech Runs		•	•
Track Student Attendance		•	•
Track Student Ridership		•	•
Track Historical Student Routing		•	•
Store Student & Driver Incidents	•	•	•
Create Unlimited "What If" Scenarios	•	•	•
Redistricting/Boundary Analysis		•	•
BusBoss SIF™ Agent		Additional Charge	Additional Charge
Field Trips		Additional Charge	Additional Charge
iBusBoss Internet Reporting		Additional Charge	Additional Charge
Integrated GPS Tracking			•
Software Training	FREE online training	On-site or In-house Training FREE online training	On-site or In-house Training FREE online training
Software Support	Annual Contract Available	Annual Contract Available	Annual Contract Available
Track Unlimited Vehicles			•
Renumber/Re-label Vehicles			•
Generate Alerts			•
Alert Reports			•
Activity Reports			•
Find Street/Address/Intersection	•	•	•
Allow Map Modification (Streets and Rails)			•
Route Compliance Reports			•

ORBIT SOFTWARE CONTACT INFORMATION

To Schedule a Demo:

Ms. Sonia M. Mastros
soniasr@orbitsoftware.net
866-740-8994 x111 toll-free
484-941-0825 fax



For Technical Questions:

Mr. George M. Mastros
gmmastros@orbitsoftware.net
866-740-8994 toll-free
484-941-0825 fax



Online Chat:

Get answers fast online
from 9:00 a.m. – 7:00 p.m. EST,
Monday through Friday at
chat.busboss.com



CONTENTS OF CD

BusBoss™ OVERVIEW

Who we are, what we do, who this is perfect for and example use cases

BusBoss™ DEMO

Presentation of our transportation management software and services offered. Topics include detailed descriptions and screen shots of the entire program.

BusBoss™ — Routing Software

- System Characteristics
- Data Maintenance
- Mapping/Routing/Fleet Optimization/Redistricting
- State Reports
- Special Features
- Data Conversion/Training/Support

BusBoss™ SQL Server Database — Secure network access for unlimited users

TRIPpatrol™ — GPS Vehicle Tracking Software powered by RF and Cellular devices

STUDENTpatrol™ — GPS Student Monitoring Software powered by RFID and Bar Code readers.

HOW TO VIEW THE BusBoss™ DEMO

This disc self-starts to the BusBoss™ Overview by placing it in your CD-ROM drive.

Follow these instructions below if disc does not self-start:

1. Click [Start] (at lower left hand corner of screen)
2. Click "Run..."
3. Type <x>:\VIEWER\PPTVIEW.EXE
(where <x> is the drive letter of your CD-ROM drive)
4. Select the presentation you would like to view
5. Click "Open"

The presentation should load automatically.



BUSBOSS™

EASY, AFFORDABLE, ROUTING & TRACKING SOFTWARE

Because your precious cargo comes first

Orbit Software, Inc.

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Pottstown, Pa 19464-5610

www.orbitsoftware.net

Toll Free:

866-740-8994

