

BusBoss™ Professional Highlights Transportation Management Software

Routing • Scheduling • State Reporting • Redistricting • GPS Tracking • Field Trips

Feature/Functionality	Description
System Characteristics	BusBoss™ is a True Windows program, and as such, it is very easy to use and all of the screens are very easy to navigate. Using a SQL Server database, it has immediate data integration that you should expect from a well-conceived, well-designed Windows Application.
Number of Programs Needed to Run Transportation Software	BusBoss™ is the only program you need to run. It is the most flexible program available today.
Networkable	BusBoss™ is fully networkable with built-in security. It is sold as a DISTRICT WIDE LICENSE with unlimited users at no additional cost. Software can be run as a stand-alone, on a local network or through the Internet.
System Requirements	<p>BusBoss™ runs on a PC Environment using a Windows or Novell Network.</p> <p>MINIMUM SYSTEM REQUIREMENTS</p> <ul style="list-style-type: none"> • Computer with Windows Operating System (2000/XP/2003/VISTA/VISTA BUSINESS) • Pentium IV Processor 1GHZ or faster • 17" Color Monitor capable of 1024 x 768 screen resolution • 100Mbps Network Card • Internet Access • 512 MB free hard disk space or greater • 512 MB RAM or greater • 32MB Video card <p>RECOMMENDED SYSTEM REQUIREMENTS</p> <ul style="list-style-type: none"> • Computer with Windows Operating System (2000/XP/2003/VISTA/VISTA BUSINESS) • Pentium IV Processor 1GHZ or faster • 19" Color Monitor capable of 1024 x 768 screen resolution • 100Mbps Network Card • Internet Access with remote access permissions • 2GB free hard disk space or greater • 1GB RAM or greater • 64MB Video card <p>Database cannot be hosted on a Novell Server.</p>
Other Versions Available	<p><u>BusBoss™ Express</u> is a Basic Student Routing & Scheduling package available at \$1995.00. This package is fully upgradeable to the BusBoss Enterprise Edition.</p> <p><u>BusBoss™ SaaS</u> has all of the same features as BusBoss Professional and is run over the Internet without having to install the program locally.</p> <p>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.</p>
Data & Route Conversions	<p>Our number one priority is making sure that you purchase a product that will be utilized immediately upon installation. We will convert all of the data as provided by you with 100% accuracy and efficiency so that you are relieved of as much work as possible. We are well staffed and equipped to do all of the start-up work that can possibly be done to bring you through the start-up phase, on track and on time.</p> <p>GPS hardware can be used to collect the route data to be used for the route conversion.</p>

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Map Setup	<p>BusBoss can use commercial GIS map data such as Tele Atlas or Navteq (annual fee applies), district provided maps, etc.</p> <p>Along with the data and route conversions, we will prepare Tiger Data, GIS county maps for your district. These maps will come to you already loaded with house number ranges, streets and highways, rivers, lakes, parts, and railroads.</p> <p>We will train you on how to easily modify and update these maps so that the district may never again have to wait for map updates or someone else to produce updated maps.</p>
Map Updates	<p>Map Updates are provided at no additional charge as requested by the District.</p> <p>Modifications to these maps are easily accomplished, therefore eliminating the need for obtaining Map Updates.</p> <p>With BusBoss™, if you make changes to the map like changing house number ranges along streets or adding or deleting streets, they are immediately available to be used by anyone logged into BusBoss™. You can immediately use them on routes and for locating stops, etc. without running any other utilities.</p>
Import Student Information	<p>Student data can be electronically updated using the BusBoss™ import feature as often as necessary simply by importing from an ASCII file directly into BusBoss™.</p> <p>BusBoss™ easily works with any student accounting program capable of exporting their data into an ASCII comma-delimited file format.</p> <p>This is a standard feature in BusBoss™. There is No Hidden Fee.</p> <p>No Extra Charge. No Need For On-Site Support for Data Transfer. This is all included in the annual support contract.</p>
Export Routing Information	<p>Student Routing information can be exported at any time for importing into any student accounting program carrying these fields.</p> <p>Student Id Number, Bus Number, Stop Time and Stop Description, for pickups, drop-offs and transfers.</p>
Multiple Screens	<p>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 roads highlighted. On the text screen, you can examine statistics of the route at each stop including the time at the stop, the miles traveled, the number of students, and who those students are.</p> <p>All routing functions are performed using the graphic 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 or moving bus stops, etc.) are also available to you during the routing process.</p>
Create Bus Routes	<p>When a route is created in BusBoss™, inaccuracies in map data do not prevent the user from creating routes. If there is a small gap between two connected roads, BusBoss™ still allows you to create the bus route using those roads.</p> <p>BusBoss™ can automatically generate optimized paths for routes. Paths are created using actual roads traveled. Stop times, mileages, and driving directions are automatically generated using actual paths all in one step.</p>
Create Different Routes for Different days of the Week	<p>BusBoss™ provides districts with the flexibility in creating different bus routes for different days of the week for the same vehicle. In fact, a different morning and afternoon route can also be easily generated. Noon-Kindergarten routes have the ability to drop-off morning students and pickup afternoon students all within the same route.</p> <p>Standard feature in BusBoss™.</p>

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Display Routes	Routes can be displayed using different colors for each route. You can display routes by bus number, wheel chair capacity, driver, purpose (pick-up, drop-off or noon-kindergarten), and/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.
Post Cards/Bus Passes	BusBoss™ generates postcards to notify parents of their child's transportation information. Listed are the school name, AM/PM bus number, AM/PM stop description, and AM/PM time. If a student has transfer information, that too will print on the post card. This student transportation information can also be exported to Excel to create mail merge documents for generating custom postcards, letters, and bus passes, etc.
Student Route Assignment Options & Flexibility	In BusBoss™ students can be given different "home", "school", "stop" and "route" assignments for each day of the week, for pickup and dropoff.
Assign Unlimited Transfer Routes	Transfer routes can be created and all students needing transfers can be assigned to an unlimited number of busses for pickups and dropoffs.
Stops Used For Several Schools	With BusBoss™, you only need one stop for a specific location regardless of how many schools are using it. This simplifies maintaining bus stops.
Bus Stops Posted on the Internet	BusBoss™ data can be exported to most Microsoft applications including, but not limited, to an HTML format. Districts have the ability to upload "bus stop" information for parents to access on the Internet. Cost: No Charge!
Accurate and Complete Rosters	Passenger List and Route Instructions Reports provide a complete and accurate list of students at each stop, including transfer students and students attending a second school throughout the day.
School Calendar	Every school has its own calendar that can be modified, printed, and saved as an HTML document for Internet use. The calendar is used for student accountability throughout the year. Days can be set as Full, No School, Early Dismissal (and time), Late Arrival (and time), AM only and PM only. Reports are available by Day, Month and Year. Standard feature in BusBoss™.
Drivers	BusBoss™ offers a very extensive Driver Information Screen with extremely useful reports to help you manage assignments, testing, recertifications, physicals, discipline and other critical information.
True Save to History	With BusBoss™ you are able to save the old version of a route before making changes to it. This gives you the ability to print numerous routing reports using history dates, such as bus schedules, passenger lists, student route assignments, etc. Student's history information can also be modified to accurately reflect student attendance and route assignments. This is a virtually unlimited, true Save to History feature.
Threat Zones/Sex Offenders	BusBoss gives users the ability to visually identify the location of sex offenders and threat zones located within your district to ensure bus stops are kept at a safe distance. This functionality can also be used to monitor drug zones or gang areas or any specific locations which should not be used for placing bus stops. An alert will be displayed when there are pre-existing stops or a user is to add a new stop within a user-defined proximity to a sex offender or threat.

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Redistricting/Boundary Analysis	<p>The redistricting component is a standard feature in BusBoss™ that works with the same map and student data records as the bus routing component.</p> <p>BusBoss™ has flexible drawing tools and editing tools for creating zones (boundaries). Zones can be hidden or displayed in different colors, at user discretion.</p> <p>BusBoss™ provides the ability to display student home locations in different colors for selected variables such as grade, school, race or user-defined variables. The system is capable of counting the number of students or printing the names and addresses of students found within any zone. Student counts are displayed by a user-defined variable, such as grade or ethnicity. It is immediately capable of counting or printing students located inside a newly drawn boundary.</p> <p>With BusBoss™, you can create an <u>unlimited</u> number of analysis sets. New scenarios with user-defined descriptions are easily created in BusBoss™. Zones 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.</p>
Fleet Optimization	<p>Fleet Optimization is a tool to analyze your student stops currently being used for increasing the efficiency of the transportation for those students.</p> <p>Fleet Optimization will generate optimal routes for individual or combined schools using selected criteria. The routes created do not effect the current routing used throughout the district. These routes can then be analyzed using complete bus schedules, passenger lists and route driving instructions. Individual routes can then be made active to be incorporated and used immediately. Criteria settings available are:</p> <ul style="list-style-type: none"> • Students assigned to specific school(s) • Student Special Needs (Wheel chair, ability to transfer to a seat) • Number of busses • Bus loads • Minimum and Maximum ride times • Bell Times • Right sided pickups • Optimized route paths are created utilizing road hazards, road blocks, one-way roads height and weight restrictions and turn restrictions. <p>Ideally, reducing the number of buses and drivers required where inefficiencies exist.</p>
BusBoss_{SIF} Agent	<p>The BusBossSIF Agent (BBAgent) provides seamless integration between BusBoss and any SIF compliant Student Information System (such as Tenex, PowerSchool, Pentamation Genesis, SMS and SAS1xp). The BBAgent is a program that seamlessly captures student information system data changes and exchanges the data with BusBoss™. The BBAgent then captures all student information system data changes, which affect bus routing. The data changes are sent immediately to BusBoss™, which executes its standard routing processes. The new changes are then exported back to the BBAgent for updating the student information system files.</p> <p>This is available for an additional cost.</p>
How Much Training Is Needed?	<p>Unlimited on-line training via the Internet (www.busboss.com/etraining) is provided at no additional charge.</p> <p>Most BusBoss users successfully complete their training within 24 hours or less.</p> <p>Training can be provided on-site at an average of \$1,100 per day (travel time and expenses included) or here at \$600 per day with unlimited attendees. Lunch is provided.</p> <p>Instructor Led web based training is also available, charged on an hourly basis.</p>

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Software Support	<p>Annual Software Support is available and includes the following during the period of support:</p> <ul style="list-style-type: none"> Free unlimited, timely, no-charge, toll free, telephone support for questions relating to the procedures and operations of BusBoss™ (excludes data related support). Free unlimited, secure, no-charge, Internet support for remote viewing or control of district computers. On-site support and any support that is not related to the procedures and operations of BusBoss™ will be billed at a discounted rate per hour or flat daily rate, (includes lodging, travel time and expenses), to be billed monthly. 24 hour on-line training via the Internet (www.busboss.com/etraining). Unlimited BusBoss™ software updates and enhancements during period of support using website access. Free Internet Update training workshops as updates are released. Map updates utilizing Tiger data maps are available at no additional charge as the maps become available. (Please note: manual map modifications may be corrected when importing the map updates.) Web based Field Trip Management Access.
iBusBoss™	<p>iBusBoss™ is a brand new Internet/Intranet add-on for the desktop version of BusBoss™. With iBusBoss™, an authorized user can securely view data and reports directly from BusBoss™ on virtually any Internet/Intranet-enabled computer. iBusBoss™ contains a large selection of reports that can easily be displayed, printed, sorted and formatted to meet any users individual needs.</p> <p>iBusBoss™ is the perfect solution for any organization that needs to have it's transportation information available to anyone, anytime, anywhere. For example, if a student forgot their bus number any teacher, secretary, or even parent could easily open iBusBoss™ in their web browser and retrieve that information for the student. This avoids unnecessary calls to the transportation department.</p> <p>Cost: According to Fee Schedule.</p> <p>Installation fee is waived if purchased with BusBoss™.</p>
Field Trips	<p>BusBoss™ currently provides districts with a tool to create Field Trips with accurate times, mileages, driving directions for bus drivers, as well as printed maps.</p> <p>Cost: No Charge with Annual BusBoss™ End User Software Support Agreement.</p>
GPS Real-Time Tracking & Reporting Software	<p>Use your desktop or the Internet to display & monitor buses and students as they travel their routes; save and print reports to fully optimize bus routes.</p> <p>BusBoss™ has the special capability to induce labor savings, reduce fuel, maintenance costs, and provide peace of mind to parents concerned with the safety of their children.</p> <p>Cost: According to Fee Schedule.</p>
Travel Considerations and On-Site Support Costs	<p>Orbit Software is a Pennsylvania based company. There are many benefits to doing business with a Pennsylvania company;</p> <ol style="list-style-type: none"> 1) In the event we have to travel to your district for support / training, travel expenses will be less because our support staff is in Pennsylvania. Travel expenses can be substantial and are hidden costs that other vendors fail to mention. 2) Your time of day is our time of day; you do not have to deal with different time zones when you need a question answered. 3) Maximum on-site daily rate of \$1200.00, (\$900.00 if within 2 hours of our office).

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PA State Report	<p>BusBoss™ automatically calculates and prints the PDE-1049 End-of-Year State Report. All routes in BusBoss™ are initially created along actual road segments, therefore mileages and times are calculated automatically and accurately in one step.</p> <p>User chooses whether or not to enter odometer readings for mileage adjustments when routes change. This can be done for one, some or all vehicles.</p> <p>Minimizes the opportunity for adverse findings being reported in school audits.</p> <p>Helps assure timely receipt of district's full state reimbursement.</p> <p>The only transportation software program that was written specifically with the Pennsylvania state report in mind.</p> <p>BusBoss™ uses the latest formula approved by the Pennsylvania Department of Education (PDE), the Sample Average Method.</p> <p>BusBoss' method of calculation fully conforms to the requirements stipulated by the PDE.</p> <p>BusBoss automatically calculates and prints the Pupil Transportation Data Worksheet.</p> <p>BusBoss automatically generates the End of Year electronic file used for Internet submission.</p>
PA State Report Cost	<p>The miles with students, the miles without students, and the largest number of students on any one trip for each bus are automatically calculated with just a click of a button.</p> <p>No Hidden Fee.</p> <p>No Extra Charge.</p> <p>No Need For On-Site Support.</p>