Compass Routing & Tracking
All-in-one Transportation Management Solution

Seon Compass is an esri-based program using ArcGIS™ Server and Network Analyst as core components of the system that delivers routing, vehicle tracking, video surveillance and vehicle data status in a single interface.

- Seamless and effective routing and tracking
- Real-time route optimization
- No need for additional specialized software

True Web-Based Reporting
With Seon Compass there is no software to install or servers to maintain. Simply log into via any web browser to plan safe and efficient routes, and track students and vehicles in real-time.

View Planned vs Actual Routes in Real-Time
All your data can be accessed through Seon Compass – live vehicle positions, historical tracks, and planned routes are displayed in a single map view.

Complete Integration of Routing, Tracking and Video
Seon Compass offers one stop for student safety through integration to Seon video and fleet management applications. Access routing plans, vehicle and student tracking, live video and vehicle data status such as stop-arm deployment, DVR health check, and panic alarms in a single interface.

1.877.630.SEON
www.seon.com
100% Web-based Transportation Management
With no software to install, users simply log in from any web browser to plan routes, access transportation requests, track vehicles and students, and monitor video systems in real-time.

Standard ESRI-Based Maps
Seon Compass uses ESRI-based maps which can be adjusted to suit the needs of each district.

One Database for Student Information
Student information systems are easily integrated to offer a seamless experience for users. Records can be managed in the student information system and synchronized to Seon Compass.

Automatic Route Optimization and Student Assignment
Based on esri™ technology used by FedEx and the US Military, a powerful route solver automatically assigns students to stops and optimizes routes for distance, mileage, bell times, hazards, turn restrictions, special needs equipment, and vehicle capacity.

Track Routes, Vehicles, and Students in Real-Time
See live, historical and planned vehicle tracks in a single map view. Get an up-to-the-minute list of vehicle occupants at the click-of-a-button.

Calendar-Based View of Your Routes
Visual layout of runs makes adjustments easy and intuitive.

Logged Route History and Audit Trail
As routes are modified, each revision is stored in the database and can be re-activated as required.

Web-based Parent Portal
Post essential school transportation information to a public portal giving parents easy access to transportation eligibility maps, available bus stops, and pick-up and drop-off times.

Optional Upgrades
- Field Trip Planning
- Preventative Fleet Maintenance
- Student Tracking