

SMARTR for ArcGIS



School Transportation Made Simple

SMARTR™ for ArcGIS is an automated scheduling and routing software application designed to simplify the everyday challenges associated with safe and efficient school transportation. As an extension of ArcGIS from ESRI, this application leverages the full capability of the Arcview 9.X platform.

All routing functions performed on one screen

Customizable data entry screen

Stop creation based on student distribution, safety policy and drop-off and pick-up locations

Stop Description	Time	Ride	School id	Am/Pm
2507 E JACKSON AVE	8:12am	0	265	AM
2439 E JACKSON	8:12am	0	380	AM
1129 N HANDY ST	8:12am	0	265	AM
2645 E ADAMS AVE	8:12am	0	265	AM
2642 E ADAMS AV	8:13am	0	380	AM
2635 E ADAMS AVE	8:13am	0	265	AM
2439 E ADAMS AVE	8:13am	0	265	AM
2438 E ADAMS	8:13am	0	380	AM

Schedule Settings

- am start: 8:05am (eg. 8:10am)
- pm start: 3:15pm (eg. 3:20pm)
- max ride time: 120 (minutes)
- student load time: 5 (seconds)
- average bus speed: 65mph (mph/avg)

Additional settings: ride: 0, cap: 32, cost: 0.33 mi

FEATURES

Student Management

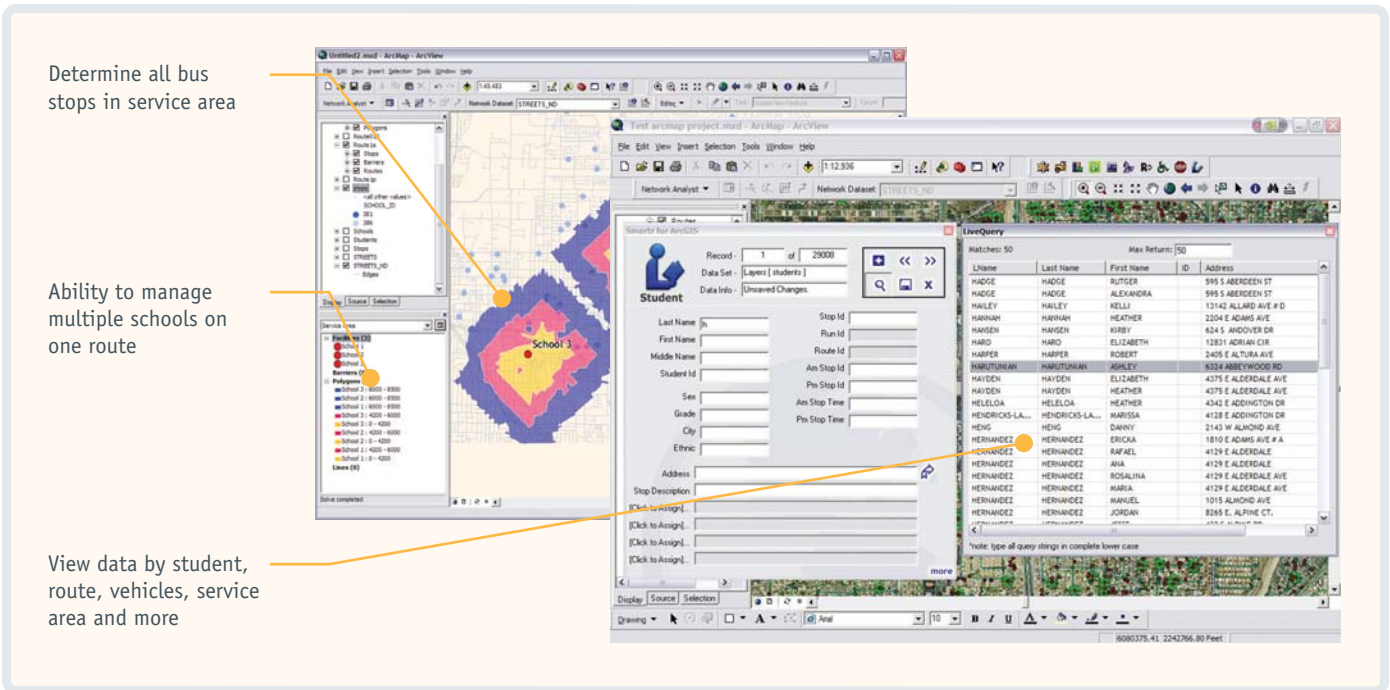
- Quickly look-up student, parent, driver and guardian information
- Identify and manage student medical requirements
- Arm drivers with the student information they need to ensure safe pick-up and drop-off

Routing and Scheduling

- Create geocoded routes with students, bus stops and school addresses
- Track students, buses, special education, accidents, drivers, and vehicles
- Assign students to bus stops based on eligibility and walking distance

Easy-to-Use

- Simple menus, maps and help screens
- Easy deployment and training
- Intuitive graphical screens



BENEFITS

Lower Costs

- More efficient vehicle and driver deployment saves money
- Better manage maintenance locations and costs

Improve Productivity

- Automated route planning improves accuracy and productivity for your school district
- Generate lists, maps and reports quickly and easily

Accurate Information

- Analyze detailed information such as seat types, load times, vehicle type and eligibility
- Generate detailed reports and export data to other applications



ABOUT TRAPEZE GROUP

Trapeze Group delivers solutions that consider the full 360 degrees of passenger transport. Whether addressing the needs of a single department, an entire organization, or the community, Trapeze provides the most advanced software, intelligent transportation systems (ITS) and mobile technologies in the industry. Hundreds of government and commercial organizations across Europe, North America and Asia Pacific have turned to Trapeze to realize efficiencies, enhance the quality and scope of their services, and safely transport more people with less cost. Visit www.trapezegrup.com.

Contact Us

Tell us more about the challenges you face. Let us tell you about our solutions.

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