SGS TRANSPORTATION ANALYTICS

ANALYTICS EXPERTISE FROM A TRANSPORTATION INDUSTRY SERVICE LEADER

SGS is recognized as a leader in building and managing data-intensive vehicle safety and emissions inspection programs. Fast emerging intelligent transportation systems (ITS) are compelling agencies to look at new approaches for leveraging constantly increasing volumes of transportation-related data.

ITS RELATED SERVICES

- Design and implementation of customized data management systems

- Big data analytics, including data mining, machine learning, predictive modeling and root cause analysis

- Development of flexible visualization and reporting tools

- Rapid project execution and problem-solving applications development

TURN-KEY SERVICES FOR ENGINE AND VEHICLE TESTING

- Data logger, telematics hardware selection and configuration, field instrumentation, database configuration, data analysis and reporting

- Advanced testing methods requiring the power of smart transportation data analytics, such as connected vehicle and autonomous vehicle quality assurance

PREPARE YOURSELF FOR THE NEW AGE OF TRANSPORTATION DATA

Current vehicles require increasingly complex control system management, with over 80 microcontrollers, more than 100 types of sensors, and 5 types of networks. Telematics in future vehicles and infrastructure will enable "Internet of Things" connectivity and short range communication to ITS elements. The deployment of these technologies will move us towards this new age of transportation data.

At SGS, we develop approaches with our agency partners, in a consultative way, that allow them to contend with and create added value from the coming volumes of connected vehicle and traveler data. We enable a wide range of new smart data strategies that will enhance safety, mobility, and environmental benefits. We offer consulting, engineering, testing services and customized data mining applications that leverage our vast industry knowledge to allow for rapid demonstration of the value data analytics can provide.

SGS TRANSPORTATION ANALYTICS SOLUTIONS ENABLE:

- Program verification and validation

- Measurably enhanced safety programs

- Environmental initiative reporting and analysis

- Compliance auditing, detecting and reporting

CONTACT US

To request a quote or discuss your needs in detail, please call (518) 580-0555 or email us.transportation@sgs.com.

SGS

SGS AN INDUSTRY LEADER

As the world's leading inspection, verification, testing and certification company, SGS delivers solutions for customers spanning 11 different industries including the Transportation industry. With 95,000 employees worldwide and 2,400 offices across the globe, We are constantly anticipating customers' and society's evolving expectations in order to deliver market leading services wherever they are needed.
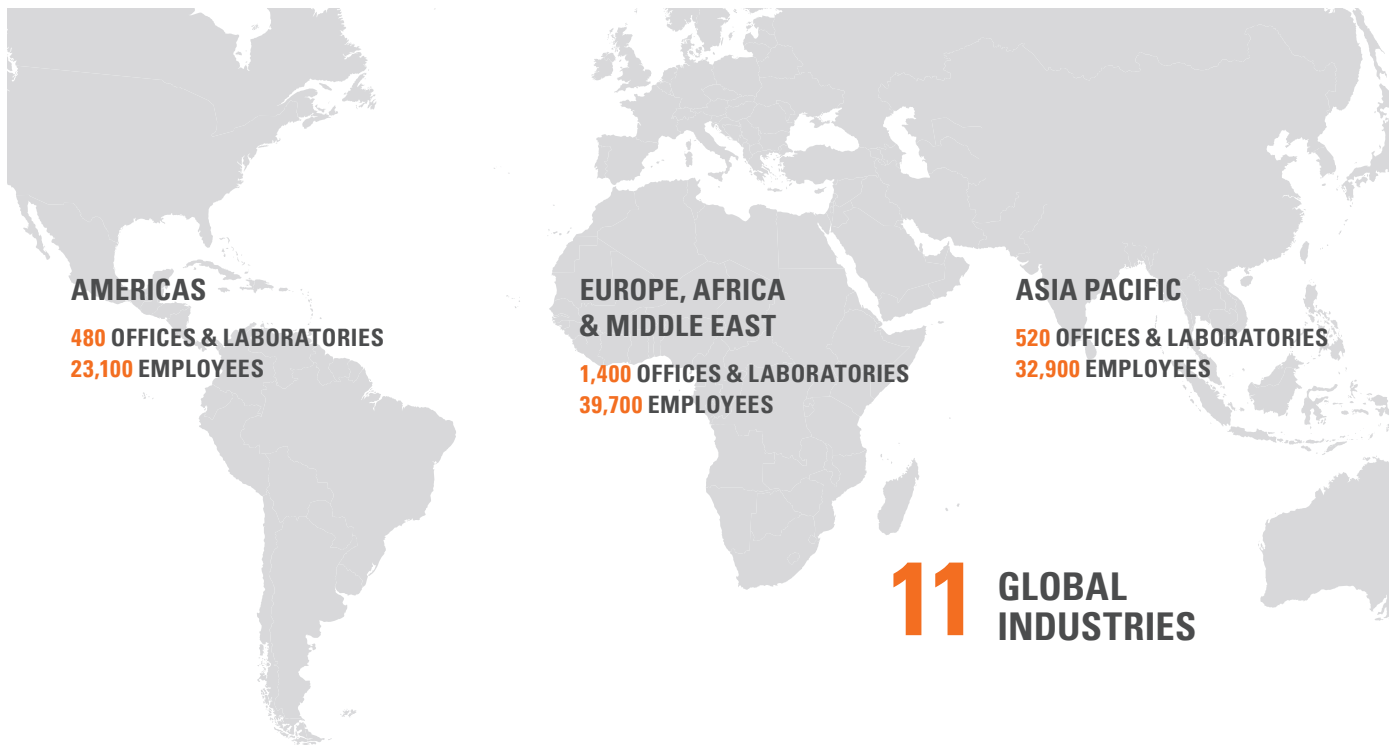
BENEFITS

Our Transportation team within North America works with our clients to solve problems and manage programs that improve the safety, environment and compliance of the transportation ecosystem.

- Rapid start-up of programs due to our extensive industry background

- Resources to bring your solution to market quickly and efficiently

- Solutions that leverage data in ever increasingly effective and creative ways

- Ensure compliance and get new insights that contribute to a safer and healthier world

- Advanced testing methods requiring the power of smart transportation data analytics, such as connected vehicle and autonomous vehicle quality assurance

SGS GLOBAL & LOCAL

95,000 EMPLOYEES | 2,400 OFFICES & LABORATORIES AROUND THE WORLD

AMERICAS

480 OFFICES & LABORATORIES
23,100 EMPLOYEES

EUROPE, AFRICA & MIDDLE EAST

1,400 OFFICES & LABORATORIES
39,700 EMPLOYEES

ASIA PACIFIC

520 OFFICES & LABORATORIES
32,900 EMPLOYEES

11 GLOBAL INDUSTRIES

WHEN YOU NEED TO BE SURE

SGS