TransCore is Transportation

TransCore is 100% focused on transportation and provides technology-based services and products that enable our customers to efficiently manage surface transportation systems, assets, and transactions.

With more than 75 years of experience and deployments in 46 countries, TransCore’s expertise is unparalleled in the ground transportation services industry. TransCore has more than 1,800 employees in two business groups:

Intelligent Transportation Systems Group

- Intelligent transportation systems (ITS) services and products
- Transportation engineering and planning
- Electronic toll collection systems
- Toll violation enforcement and processing
- Homeland security including smart border crossings and freight container tracking
- Ground transportation management and parking systems for airports

Commercial Technology Group

- Wireless asset tracking using TransCore’s radio frequency identification (RFID) technology and GlobalWave® satellite-based systems
- North America’s largest freight-matching network
- Logistics management software for brokers and carriers
- Regulatory compliance services
- Parking and access control for public agencies, corporate and university campuses, and gated communities
- Class I rail and mass transit asset tracking and monitoring
- ISO 9001:2000-certified R&D, manufacturing, and design center

did you know?

In 1993, TransCore provided the first electronic toll and traffic management system in the United States in Houston, Texas.
TransCore’s mission in ITS is to provide quality services and products, delivered with the skills, experience, people, and practices to make our customers successful.
ITS Services
TransCore has been providing ITS services for more than three decades. In that time, transportation technology has changed dramatically, and TransCore has led the way with solutions that meet our customers’ needs.

Our expertise spans the entire lifecycle of ITS programs from planning to installation and maintenance. This broad spectrum of capability allows us to consider the entire program as we execute each phase. Understanding the relationships between the phases enables us to produce cost-effective deployments to meet our customers’ specific requirements.

ITS Technologies and Products
TransCore’s approach to ITS blends fundamental traffic engineering principles with systems engineering processes to produce the most appropriate applications of core ITS technologies. Applying these core technology skills, TransCore develops both standard software products and custom applications to meet our customers’ ITS needs and requirements.

While custom software development is sometimes required, TransCore’s standard software products can address many agencies’ ITS needs more cost effectively. Our products have been field proven over years of operational deployment, and we continually invest in these products to keep pace with new technologies. This helps avoid obsolescence and provides an affordable upgrade path for our customers.

Our ITS Services Include:
- Transportation and ITS planning
- Operations Planning
- Traffic Management Center Design
- Engineering Design (PS&E)
- Systems Engineering
- Software Development
- System Integration and Testing
- Field Installation and Integration
- Construction Inspection and Support
- Traffic Management Center Operations
TransCore’s ITS software products include:

- The TransSuite® modular family of ITS products
  - Traffic signal control system (TCS module)
  - Event tracking and management (EMS module)
  - Freeway and tollway traffic management (FMS module)
  - Video management (VCS module)
  - DMS and HAR management (TIS module)
- SCATS adaptive signal control
- Border crossing and trade corridor systems
- Transit intelligent transportation systems
- Personalized traveler information systems
- Automatic vehicle identification-based travel time applications

Our Core Technology Skills Include:

- System and field hardware design and configuration
- Software development and integration
- Database design and development
- Cable and wireless communications
- Local and wide area networking
- Analog and digital CCTV and video management
- Dynamic message sign control management
- Vehicle detection design and integration
- Automatic vehicle identification products
- Intelligent voice response design and development
Commitment to Customers

TransCore’s commitment to customers is not just a tag line or slogan. It is a fundamental philosophy. We focus on creating project successes that lead to long-term relationships. In fact, many of our customer relationships have extended for decades. Even more than experience and skills, these project successes and long-term relationships are the direct result of our intentional investment in people and practices.

Our People

TransCore has more degreed engineering professionals dedicated to ITS than any other firm in the United States. Further, many of our staff have spent all or most of their careers in ITS. This combination offers customers exceptional domain knowledge and experience. With unequaled ITS resources, we provide effective transportation solutions for our customers from planning to maintenance of deployed technology. TransCore’s staff are committed to providing the benefits of ITS to our customers.

Our Practices

TransCore has long recognized the value of establishing good practices and processes to guide our work and ensure delivery of consistent, quality work products that meet our customers’ expectations.

These practices include:

Project management – TransCore’s commitment to fundamental project management practices and formal project management training improves our ability to meet project cost and schedule objectives and deliver expected project results to our customers.

National ITS standards – TransCore’s commitment to national ITS standards includes participation in the development of the national standards and their practical applications. This ensures that our customers reap the benefits of ITS standards in a cost-effective manner.

did you know?

TransCore has more than 275 field technicians throughout the United States.
Systems engineering – Proper system engineering practices are essential to developing and delivering reliable, high quality systems that meet customer requirements. Our design and development processes begin with documented system requirements and end with system level testing to verify that those requirements have been met and to validate their proper function. Our systems engineering processes give our customers confidence in the delivered system.

Quality – Quality processes run throughout our organization and encompass both traditional engineering and systems work. This commitment to quality minimizes rework, cost, and schedule impacts to our customers, enhancing overall value.

TransCore’s mission in ITS is to provide quality services and products, delivered with the skills, experience, people, and practices to make our customers successful.

TransCore has installed ITS systems across the United States:

- Florida - Turnpike ITS and Traffic Operations
- Memphis - Tennessee DOT ATMS
- Kansas City Scout - Kansas City Regional ATMS/ATIS and Operations
- FAST - Nevada DOT ATMS
- Salt Lake City - Advanced Traffic Management System

TransCore is 100% focused on providing our customers the technology-based products and services to successfully manage their systems.