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Advanced mobility solutions.

ETC's guiding principles, technical excellence and outstanding customer service, has earned it a well-deserved reputation for both. ETC's industry-leading solutions and partnership approach to customer projects have made it a leader in the toll collection industry and the supplier of choice for some of today's most demanding and complex projects.

ETC's solutions have delivered critical new functionality for its customers while helping improve operational efficiency, mobility, and customer satisfaction. The solutions provided for ETC's customers have garnered wide-spread industry recognition.

Supported by one of the most skilled and experienced teams of professionals in the industry, ETC has become respected for its innovative solutions:

- Successfully delivered the system design and integration services for the first all-electronic, open road toll facility in the U.S., the Harris County Toll Road Authority's Westpark Tollway;
- Designed and implemented technically complex ORT solutions under stringent schedule requirements and in live-traffic conditions for multiple customers;
- Leveraged the power of the existing RITE Solution installation to quickly convert one of the

nation's busiest mainline plazas to AETC to increase throughput and offset congestion related to reconstruction of the plaza;

- Implemented Washington State DOT's SR-167 HOT Lanes Pilot Project that includes a sophisticated dynamic pricing solution that incorporates the traffic conditions in the HOT lanes and in adjacent non-tolled lanes;
- Created transportation reciprocity between geographically and fundamentally diverse operations, including toll facilities, airports, parking, and commercial vehicle operations.

Real solutions. Real results.



Advancing the industry.

Since its inception, ETC has delivered solutions that have helped advance the toll industry while setting standards for functionality and performance. Today, ETC's systems collect billions of tolls annually on some of the industry's busiest toll installations. These systems provide ETC's customers with capabilities that increase mobility and enhance operational efficiency, including:

- All Electronic Toll Collection (AETC)
- Open Road Tolling (ORT)
- High Occupancy Toll (HOT) Lanes
- Dynamic Pricing
- Hosted Solutions
- Interoperability
- Video Tolling

The foundation of ETC Corporation's numerous offerings to the toll industry, the RITE® Solution, is the first thin client, browser-based toll solution suite and first to support AETC and HOT with a redundant lane controller. Created by experienced toll-industry professionals, the RITE Solution's rich suite of features and powerful flexibility enables it to meet the challenges of today's rapidly changing toll collection environment. It is a modular, robust, integrated solution that provides a seamless solution from the lane through the back office.

As the need for new business models and greater mobility has accelerated, the ETC Team has built upon the inherent power of the RITE Solution to deliver the next generation in toll collection applications.

The RITE Solution is exceptionally scalable and can be configured for facilities that range in size from a few lanes to hundreds of lanes spread across large geographic areas. The RITE Solution is available as a complete solution or can be integrated as separate functional modules to enhance a customer's legacy system.

Leadership milestones.

Created industry's first browser-based toll solution (the RITE® Solution).

Deployed the first 3+ ORT lanes.

Developed and deployed the industry's first truly redundant lane controller.

Developed and donated the IOPHub to serve as interoperability for the state of Texas.

Implemented the industry's first SOA-based toll system.



ETC's solutions increase mobility, enhance the efficiency of operations, and provide the foundation for exceptional customer service.

The RITE Solution is a dynamic, living solution that has continued to evolve to support important customer and industry initiatives. As the need for new business models and greater mobility has accelerated, the ETC Team has built upon the inherent power of the RITE Solution to deliver the next generation in toll collection applications. These applications include:

- **All Electronic Toll Collection (AETC)** – Nonstop toll collection via transponder, video-based toll collection, and unpaid escalations through collections and violation enforcement.
- **Open Road Tolling (ORT)** – Proven reliability in collecting tolls at highway speeds.
- **High Occupancy Toll (HOT) Lanes** – Sophisticated application to properly assess tolls and violations based on number of occupants in a vehicle.
- **Dynamic Pricing** – Dynamic pricing algorithms that adjust the toll according to traffic congestion in the tolled and non-tolled lanes. Provides a dashboard interface incorporating highly configurable parameters.
- **Interoperability** – Extends mobility and patron convenience between toll authorities and other revenue collection authorities (such as airport parking operations).
- **Video Tolling** – The capability to electronically collect tolls based on license plate data, either associated with a pre-paid customer account or as a post-pay invoice.

Designed and implemented the nation's first AETC toll road, the Westpark Tollway, which was awarded IBTTA's President's Award and Award for Excellence for Technology in 2005.

Designed and implemented the interoperability and clearing-house systems between NTTA and the DFW International and Dallas Love Field airports. This project was awarded the IBTTA's 2006 Award for Excellence for Administration.

Implemented NTTA's ZipCash® transponder and video billing toll collection system to relieve congestion during major plaza reconstruction. The success of this implementation was a major contributing factor for NTTA to convert its entire system to AETC.

Implemented the WSDOT SR-167 HOT Lanes Pilot Project incorporating dynamic tolling algorithms.



Hosted solutions.

ETC Corporation offers its customers a hosted solution option that delivers the power of the RITE Solution by leveraging the advanced technical capabilities of ETC's RITE Data Center. This state-of-the-art centralized network operations center is located at ETC's headquarters in Richardson, Texas. **ETC's hosted solution can provide significant advantages over a customer-owned system, offering major price and performance benefits while reducing risk to the project implementation schedule.** In addition, through the hosted service, participating customers benefit from ongoing RITE Data Center common platform upgrades and enhancements such as periodic data center hardware

system upgrades and shared RITE application platform upgrades, revisions and enhancements. **ETC's hosted solution provides the operational functions of the Audit and Reconciliation Host, Customer Service Center, Violation Processing Center, MOMS, and Interoperability.** The other RITE modules (including Lane Controller and Plaza Host Server) that comprise the roadside operations are implemented locally at the customer's facilities. The hosted solution connects to the customer's facility over a secure communications network. Combined with ETC Corporation's secondary data center, the hosted solution option provides flexible options for redundant operations and disaster recovery plans. ETC's hosted

solutions are designed around a redundant Web and database architecture that is housed on fault-tolerant hardware with multi-layered security features. To provide the highest levels of operational availability, the primary hosted solution and secondary or disaster recovery systems are designed to provide customer-defined levels of redundancy. **ETC's hosted environment can alternately serve as a fully redundant hot standby secondary site for customers who operate their own primary data center.** The reliability of this architecture has been demonstrated through successful deployment of similar configurations for ETC's customers.

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