

## A Global Team Providing Smart Solutions for Infrastructure Systems & Mobility Management



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## TRAFFIC AND TRANSPORT SYSTEMS

Technological solutions for infrastructure operation and management control.



### A Unique Value Proposition & Strategic Partnership

Development and O&M expertise in smart highways and mobility solutions for clients and partners.

Consulting, industrial partnership, outsourcing of O&M services and turnkey projects –with the capacity to share project risks and co-invest–, are part of our service proposal reinforced by our full range experience.

**+ 40 concessions**

Development, O&M 2000 –2017

**+ 4,687 km**

Managed toll roads 2011 – 2017

**+ 240 million**

Toll collection transactions per year



**600 million**

electronic records currently processed per day in our Business Intelligence systems



Using our know-how, we deploy the latest proprietary technology, developed from the successful experience of managing our own infrastructure projects for over a decade.

TTS expertise developing the latest operational model designs, technologies, client solutions and systems for smart infrastructures and intelligent toll roads, provides our clients around the world with a unique strategic partnership.

Our global business solutions and technology systems teams include the most qualified and experienced professionals in the industry.

Each contract constitutes a unique prototype; a proper design prevents economic deviations, contractual risks and deficient customer service.

We provide customized solutions that meet the specific needs of each client and market in all the contract phases: Tender, joint design, development, operation and maintenance.

TTS technological solutions enables costs reduction, improvement in operation performance indicators, provision of real-time information, Business Intelligence, and revenues increase, all managed by a transparent and accessible technological platform.

This combination of strategy, experience and technology, provides our customers and partners with a sustainable business model that encompasses the entire life cycle of the infrastructure.

## Increased Efficiency & Performance

TTS provides outstanding results in its real-time operational systems for reducing risks and optimizing O&M costs.

Technology platforms and system services developed by TTS include a portfolio of integrated applications and solutions aimed at increasing efficiency and performance in the operation and maintenance of transportation infrastructure to meet the needs of our international clients and projects.

Our team combined experience in O&M of complex toll road projects -in all kinds of geographies and climate conditions- as well as the design, setting-up, development and delivery of integrated infrastructure systems, allows our clients and partners to address both current and future sector challenges with tailor-made solutions based on state-of-the-art technologies.

Having managed more than 4,000 km of toll roads in the last five years and with a current data center that processes more than 600 million traffic electronic registers, we permanently monitor our sector transformation to continue our pioneering trend in intelligent and sustainable business models.

TTS has a competitive edge in its ability to aim for continuous improvement to provide outstanding results in its real-time operational systems and customer service products, analyzing crucial performance indicators for the operation and maintenance of transport infrastructure projects and smart highways.



## Global Business Solutions

Exclusive partnership, leading industry know-how and our ability to share risks and co-invest in concession projects or operation contracts are just some of the reasons why you could benefit by working with us.

TTS many years of expertise in promoting, developing and operating large concession projects around the world provides the company with unique and proprietary management know-how for smart infrastructure projects.

We provide consulting, operation & maintenance, and technology solutions to different customers including governments, investment funds, concession groups and project operators. Our services comprise:

- > Consulting, **Strategy Development** and Due Diligence of transportation projects.
- > **Turnkey Projects**, delivering strategic insights and systems integration for smooth O&M.
- > **Reliable and tested technologies.**
- > Platform and software solutions for **Multi-Concession Management.**
- > Technology tools to **Standardize Toll Operation** and maintenance information.
- > **Technology Transfer.**

## Smart Transport & Mobility Systems

Ensured proper management over all the significant components of O&M, as well as cost optimization under a sustainable business model that encompasses the entire life cycle of the infrastructure.

Our ATMS- Advanced Traffic Management System, SaaS technology platform, provides a complete suite of modern and integrated applications tools for infrastructure management.

- > Operational Control Center
- > Comprehensive Surfacing Management
- > Asset Management System
- > Maintenance Operation Management
- > Incident Management
- > 360 Infrastructure Virtual Tour
- > Dynamic Traffic Characterization



## Payment Systems

Cutting-edge solutions to meet the needs of any tolling business model and requirements.

- > Electronic Toll Collection
- > Free-Flow Toll Collection
- > Operational Back Office
- > Commercial Back Office
- > Mobile Toll Payments Solutions



## Big Data & Analytics

Supporting tool for decision-making, improved service, optimized operation, enhanced risk analysis and capitalization on new revenue streams.

Each transaction generates a large amount of information that comes from the roadside & tolling equipment, mobile devices and external data sources. The strategic use of this information and external data sources with our Business Intelligence tools, our competitive edge.

## Smart Infrastructure

