Transportation Solutions
Offering a Spectrum of Services Worldwide
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Parking 4

We develop, customize and integrate the best available parking technologies, and then help clients decide which work best for them. When we combine technology with our proven strategies for efficiently managing programs and minimizing risk, it leads directly to powerful results—every time.

Public Transit/Fare Collection 5

Our Fare Collection Solutions are designed for efficiency and reliability offering your customers flexible payment methods. We provide advanced technologies including smart card applications, ticket vending machines, and bank card solutions that help public transit operators maximize revenue, reduce operating cost, and improve services to their riders worldwide.

Fleet Management/CAD/AVL Solutions 5

Managing public transit fleets brings daily operational challenges. Incidents occur while dispatchers work hard to solve problems, keep schedules, and provide current information. We’ve developed GPS based fleet management systems that enhance transit agency’s capabilities and provide managers a wealth of dynamic information that ensures passengers experience public transit that is fast, safe, and reliable.

Photo Enforcement 6

We develop photo enforcement solutions for public safety programs that help keep people safe while reducing the workload. No matter how large or small your jurisdiction, we have a photo enforcement solution that can help you maximize resources, deter careless driving, and keep people safe.

Electronic Toll Collection 7

Our Electronic Toll Collection (ETC) has provided solutions that address our customer’s business critical mobility problems. Our commitment for the future is based on ensuring that our customers have the solutions they need to intelligently manage their changing operating environment.

Motor Vehicle and Revenue Services 7

Our comprehensive motor vehicle services efficiently process and track fuel taxes and registrations across states. Tax collection and apportionment, vehicle registration, titling, driver licensing and permit issuance.

Commercial Vehicle Operations 7

Our Commercial Vehicle Operations (CVO) is committed to providing intelligent transportation solutions that create operational efficiencies for the commercial trucking industry.

Our clients rely on our Intelligent Transportation Solutions to strengthen profitability.
Exceeding expectations, consistently. For more than 40 years, Xerox has worked hand-in-hand with transportation clients in over 35 countries delivering reliable solutions, consistently achieving results . . . performing beyond expectations. We’re the largest provider of Innovative Mobility Solutions to governments worldwide. From fare collection to toll solutions, from back-office processing to infrastructure installation, we provide systems and services that help solve intractable transportation problems.

Transportation is the backbone of economic development, and likewise, reliable mobility solutions encourage economic growth, which creates a valuable interdependent lifecycle. Innovation in transportation systems has become a lifestyle characterized by extraordinary freedom of movement, immense trade in manufactured goods and services, and social mobility. Enlarged vehicle population on roads has increased congestion, incident, air pollution and many others factors of concern. Economic activity depends on transportation to operate, so it’s important we rely on enhanced transportation solutions to lead the way by reducing travel time and congestion while increasing efficiencies and safety. All this brings an immediate impact on productivity and health of both the economy and the environment.

We help our clients solve transportation challenges, maximize resources, and strengthen their organizations. Our successive technological progress, years of experience, and long-term relationships with clients worldwide exemplifies our commitment to improving transportation technology and helping clients streamline their operations to achieve enhanced results for all their transportation needs.

Providing Solutions That Promote Environmental Sustainability

The future wealth and resiliency of cities and towns will only benefit from more thoughtful planning of transportation systems.

Parking Guidance
Quicker car parking

Public Transport Solutions
Alternative to vehicle usage

Congestion Charging
Encourages public transport

Speed Enforcement
Creating safer streets

Electronic Toll Collection
No queuing/acceleration at plazas

Weigh-in-Motion
No queuing at weigh stations
On-Street and Off-Street Parking

We develop, customize and integrate the best available technologies, and then help our clients decide which work best for them. When Xerox combines these technologies with our proven strategies for efficiently managing programs and minimizing risk, it leads directly to powerful results for our clients – every time.

Off-Street Parking

Airports, municipalities, railway stations, shopping centers, hotels or hospitals—we have a solution to meet your needs. From new installations to extending or upgrading existing installations, project design or training operations staff, we provide complete parking solutions that are customized for you.

Our parking management systems streamline parking services allowing you to effectively manage your revenue, while providing seamless, safe, and convenient solutions that keep motorists happy. We offer parking operators a complete and comprehensive parking revenue generator system designed to facilitate hourly users, pass card holders, and occasional visitors. In addition, our system is compatible with multimodal applications such as park and ride.

With the support of our appointed distribution partners in over 30 countries in Europe, North and South America, Africa, Middle East, Asia and Australia, we market our Multipark® system worldwide.

Parking Systems

- Design, Development, Implementation and On Site Maintenance of Car Park Management System
- Customer Service & Technical Support
- Consultancy & Project Management
- Centralized Network Management Systems
- Count, Way-Finding and Space Monitoring
- Access control
- Entry & Exit Ticket Terminals
- Payment/Cashier Terminals
- Pay-On-Foot machines
- License Plate Recognition
- Pass-Card Validators
- Credit Card/Cell Phone Payment
- Contactless Access Control
- Pre-book System
- Web access
- Interactive revenue simulation

On-Street Parking

In our long-term relationships with major cities such as Los Angeles, Boston, and Philadelphia as well as relationships with some of London’s busiest boroughs—including Hackney, Ealing, and Southwark, we’ve incorporated successive technological developments to enhance our parking management services. Some highlights of our service offering include:

- Innovative technology solutions
- A proven, easy-to-use violations processing system
- Document imaging of handwritten citations
- Electronic workflow management
- Delinquent debt collection for parking
- Parking and meter management consulting services
- Hardware-independent solutions

The results of these enhanced services are clear: customers are happier, records are more accurate and collection rates improve. Our parking violations processing programs have consistently contributed to collection rate improvements of as much as 85 percent for our clients.

Our Qualifications

- Provide parking management solutions to 30 U.S. cities and 88 U.K. cities and councils
- Market leader in parking for cities for over 40 years
- Over 1,100 sites equipped all over the world
- Support the nation’s largest parking programs in the US
As cities grow and populations become more environmentally conscious, more residents are using public transportation. Around the world, mass transit operators are looking to maximize revenue, reduce fare evasion, increase security, and improve services to riders. Our solutions provide our clients with the ability to run more efficiently and keep passengers happy.

**Fare Collection Solutions**

**Streamlining Revenue Collection**

Cities and people rely on public transportation to support them, while transit agencies rely on our fare collection solutions to help maximize their revenue. Houston, Lima, and Montreal are just a sampling of the major cities across the world benefiting from our flexible future oriented fare collection systems. For example, Houston is pioneering a contactless ticketing system developed by Xerox throughout the city’s bus and light rail transit networks. Our comprehensive client specific fare solutions provide a “one-stop shopping” approach, guaranteeing tailored solutions and long-term investment protection, while helping agencies increase their operation efficiencies and provide better service to their riders.

**Fare Payment Systems**

Our fare payment systems offer all combinations for both occasional and frequent riders including:

- Contactless smart cards
- Contactless, magnetic, and paper tickets
- Virtual tickets (mobile phone)
- Open Payment Systems

**Ticket Terminals Include:**

- Ticket Vending Machines - Simple to use and accept multiple forms of payment.
- Operated Sales Terminals - Easy issuance of magnetic tickets and contactless cards
- Smart Cards and Ticket Validators

**CAD/AVL Solutions**

Tracking vehicles, examining service, and increasing customer satisfaction, our solutions provide a wealth of dynamic information for our clients and their passengers, enhancing their fleet management capabilities while improving efficiency, dependability, security, and passengers safe and buses on schedule. Overall passenger experience. We’ve helped transit agencies maximize these benefits and enhance service to riders in major cities such as Los Angeles, Philadelphia, Phoenix, and Singapore. In San Diego, for example, when critical incidents occur, such as an emergency alarm or accident, these incidents appear in the dispatcher’s queue helping managers make informed decisions to keep passengers safe and buses on schedule.

**GPS-based Fleet Management Systems**

Our proven real-time fleet management systems serve all modes of public transportation including fixed-route buses, demand response vehicles, non-revenue vehicles, trolleys, light rail, and school buses. Our clients rely on us to help manage their operations resulting in a more seamless travel experience for their customers and greater operating efficiencies for their organization.

**Major Features:**

- Computer-Aided Dispatch (CAD)
- GPS-based Automatic Vehicle Location (AVL)
- Private radio and cellular communications provision and integration
- Real-time & Web-based passenger information systems
- Next stop Automated Vehicle Annunciation
- Automatic Passenger Counters
- Traffic Signal Priority integration
- Video security applications
- Bus Rapid Transit management tools
- Yard management
Every community deserves safe streets. It’s no wonder that more and more cities around the globe are depending on photo enforcement solutions to prevent red-light running and other potentially fatal motorist behavior. We help cities deter careless driving by providing photo enforcement solutions that protect their communities.

**Photo Enforcement**

*Preventing Red-Light Running and Saving Lives*

We install, operate and maintain automated enforcement programs that are customized to unique program needs. Our solutions incorporate state-of-the-art digital, film and video technologies. The result: reliable, court-tested and tamper-proof evidence of violation infractions.

A well-designed automated photo enforcement solution can meet multiple goals:

- Improve public safety
- Reduce the number of fatalities and injuries that result from careless drivers
- Improve collections
- Free up police officers for more critical assignments

**Automated Photo Enforcement Offerings**

- Red Light enforcement
- Fixed and mobile speed enforcement
- Work zone enforcement
- Bus-only lane enforcement
- School zone speed enforcement
- Street sweeping parking enforcement
- Railroad crossing enforcement

**Components for Successful Photo Enforcement**

What sets us apart from other photo enforcement providers? Most importantly, we’re experts in crafting customized, comprehensive programs that can help you maximize resources, deter careless driving and keep people safe. Many red-light photo enforcement companies are equipment providers, but since we specialize in operations – not just equipment – you can be confident that we’ll meet your needs with a comprehensive program that includes all the components needed for success. That may include one or more of the following:

**Systems Integration**

By acting as an integrator, we unify the overall operation and provide a single point of contact with full responsibility for the program.

**Public Education and Information**

We work with you to tailor an effective public relations plan that conveys key safety messages and addresses the concerns of your community.

**Specialized Collections**

Across our programs, our collection rate is over 70 percent.

**Violations Processing**

Our proprietary violations management system, eTIMS®, and our photo enforcement program, CiteWeb™ ensures accurate data match, liability and certainty of enforcement.

**Advanced Digital Camera Technology**

We partner with premier photo enforcement equipment manufacturers to provide you with proven, state-of-the-art equipment.

**Photo Enforcement Saves Lives**

According to a recently released study by the American Insurance Institute for Highway Safety, red light running killed 676 people in 2009. However, a total of 159 lives were saved in 2004-08 in the 14 largest U.S. cities equipped with red light cameras. If every city with a population of 200,000 or more had been using red light camera enforcement during the 2004-08 time period, a total of 815 lives would have been saved.
Transportation Systems and Services

We help keep people moving freely giving motorist and transit users the ability to pay fees electronically without stopping, and commercial trucking companies the ability to bypass weigh stations. We know process management is key to our clients, and our ability to help Departments of Motor Vehicles and commercial fleet owners improve processing of registrations, permits, licenses, and taxes keeps them moving too.

Electronic Toll Collection

Electronic Toll Collection (ETC) has evolved to support the digital age with technologies that safeguard toll revenues. It provides an improved patron experience by mobility, safety, convenience and even support for a “greener” world by reducing pollution. ETC is now a necessity and a daily part of many commuters lives. Demands for faster and greater vehicle throughput technologies are providing the basis for another tolling evolution, and Xerox is leading the way. This includes new concepts where toll booths give way to all-electronic non-stop open highway tolling (AET).

- Largest ETC service provider in the U.S. with over 50% market share
- 1.6 billion annual toll transactions processed nationally
- 93 million annual toll violations transactions processed
- $5 billion in ETC payments annually
- 17 million transponder customers
- 10 customer service centers supporting 22 toll agencies
- 20 million customer phone calls per year handled
- Hundreds of AET lanes installed and maintained

Motor Vehicle Services

We service over four million customers daily with our Motor Vehicle Services. With our focus on service, combined with the latest technological innovations, we help meet the needs of our jurisdiction partners. We deliver strategic cost-effective business solutions for transportation and motor vehicle agencies including: DMV Call Centers and IVR Solutions, Centralized and De-Centralized Digital Imaging, OS/OW Permitting Operations, CVISN solutions, Tax compliance, Permitting, JFTA, and IRP software solutions. We provide people, technology and services for award-winning quality and operational cost benefits.

- Outsourced Solutions for Transportation and Motor Vehicle Departments
- Commercial Vehicle Registration, Taxation, Permitting and Enforcement
- Excise Tax E-filing, Audit and Enforcement Solutions

Commercial Vehicle Operations

Today’s trucking industry faces significant challenges. The changing profile of shipping affects drivers who make a living transporting goods. We create operational efficiencies for commercial carriers by saving them time, money and fuel, as well as contributing to a cleaner environment and safer highways.

- Weigh Station Bypassing
- Agricultural Inspection Facility Bypassing
- Automated Gate Access
About Transportation Solutions

You can improve the quality of life in your communities, create simple and reliable processes for operators and agencies, and give decision-makers peace of mind with our transportation solutions. We’ve been helping transportation clients in over 35 countries for more than 40 years. Whether you’re part of a government agency, a major city or a citizen, we’re creating the future of our communities together.

Contact Us

Transportation Solutions
1-877-414-2676

For more than 40 years, we have worked hand-in-hand with transportation clients in over 35 countries delivering reliable solutions, consistently achieving results . . . performing beyond expectations. We’re the largest provider of Innovative Mobility Solutions to governments worldwide. From fare collection to toll solutions, from back-office processing to infrastructure installation, we provide systems and services that help solve major transportation problems.