# BUILDING THE TOLLWAY OF THE FUTURE

Advanced technology solutions that drive modern tollways

advisory services.  technology delivery.  SmartSourcing$^{SM}$ managed services.
www.sdisolutions.com

SDI

Delivering Intelligent Technology™

## ITS Device Management and Maintenance

SDI provides management, oversight, and technical support related to the maintenance of ITS equipment, Traffic Information Management System (TIMS) networking, and fiber optics, as well as asset placement and support for ITS infrastructure. SDI offers expertise with CCTV cameras, vehicle detectors, permanent and portable dynamic message signs, weigh-in-motion stations, and road weather information stations (RWIS).

## Operations Centers

SDI's 20+ year track record of success in mission-critical environments has given us a unique perspective on the alignment of technology and processes in public safety. We deliver complex, integrated operations centers - from conceptual design to build-out and full deployment.

SDI is designing and will implement the first Active Traffic Management system in the U.S. Combined with VII and V2I lane signs, the system will turn from free-flow to closed after any lane blockage is sensed.
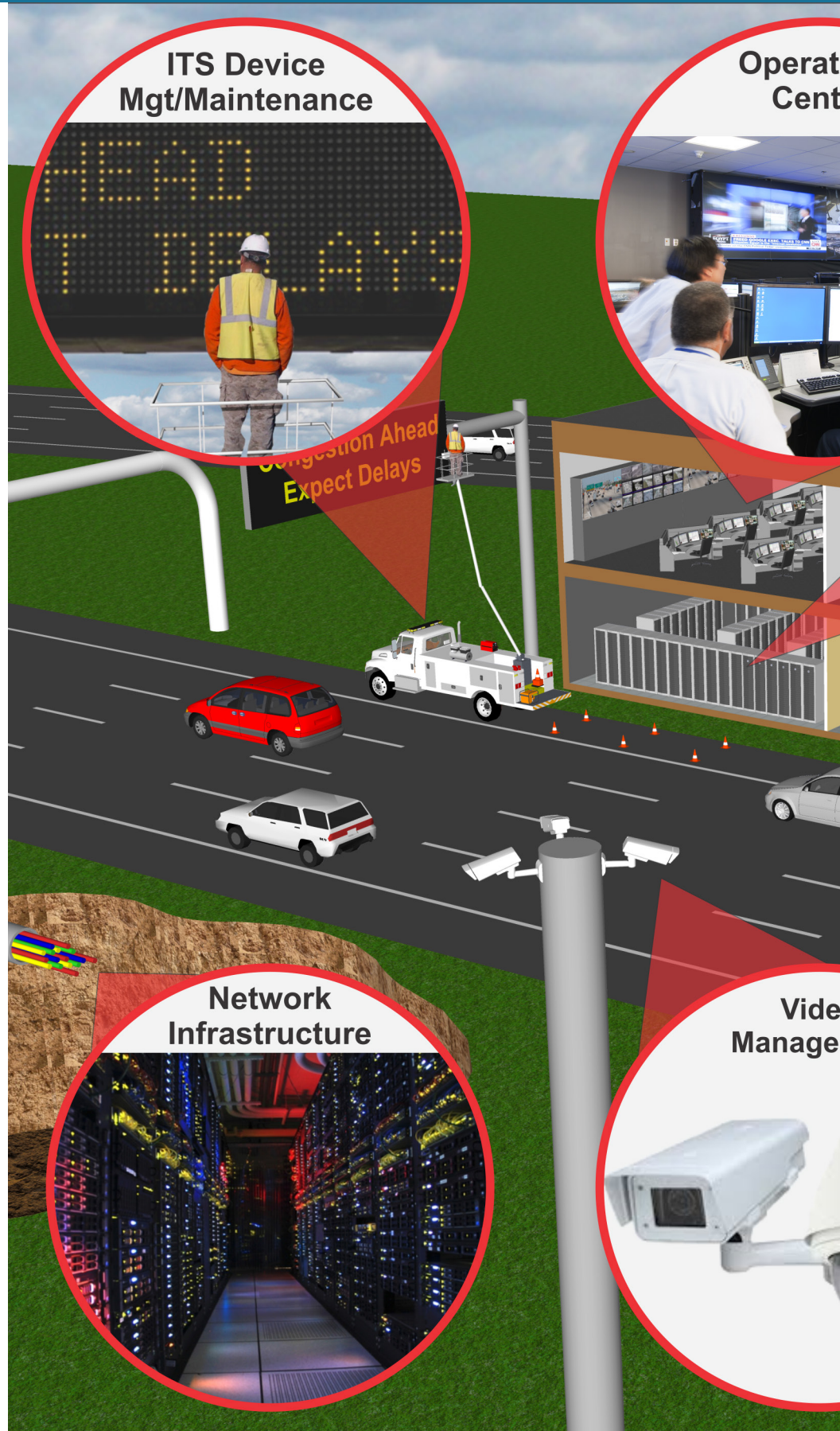
## Software and Systems Integration

From maintenance tracking, to asset management, to back office systems, key software applications drive tollway operational performance and productivity. Core systems and their integration involve both detailed business process mapping and complex technology requirements. SDI has a solid understanding of how key applications work together in your tollway, and brings a strong project management discipline to ensure critical applications perform seamlessly and flawlessly at all times.

## Project Management Office (PMO)

An effective Project Management Office (PMO) boosts IT efficiency, cuts costs, and improves project scheduling for complex technology implementations. By standardizing processes and controls across multiple projects and project organizations, an experienced PMO can dramatically improve both the execution and outcomes of critical technology and tollway initiatives.

SDI offers unparalleled expertise in serviing tollway environments in a PMO capacity. Supported by comprehensive understandings of best practices and project management office methodologies, SDI improves technology project success rates and implementing standard practices across the organization.

**ITS Device Mgt/Maintenance**

**Operat Cent**

Congestion Ahead
Expect Delays

**Network Infrastructure**

**Vide Manage**

**ions er**

**Software & Systems Integration**

Tollway HQ

**Project Management Office**

o ment

**Workforce Management**

## Network Infrastructure

SDI designs, delivers, manages and secures large-scale, complex, mission-critical IT infrastructure for tolling environments. Our team of experienced IT professionals bring certifications and experience in advanced infrastructure toolsets and models, including utility computing, virtualization, consolidation, and next generation networks.

As an accomplished systems integrator, SDI is adept at the integration of next generation technologies with legacy infrastructure, providing cost-effective solutions to your tollway's operational and IT challenges. Supported by a highly responsive delivery model, SDI delivers advanced infrastructure that meets teh high performance requirements of tolling systems.

## Video Management

SDI delivers turnkey digital video management systems and related components, including digital cameras, high-definition cameras, multi-terabyte storage systems, and high capacity networks - with a forte in leveraging existing analog devices and integrating multiple vendor platforms.

## Workforce Management

For more than two decades, SDI has delivered workforce management systems designed to deliver a more effective utilization of employees, contractors, and other human assets.

The SDI Team offers a comprehensive solution including installation, configuration, integration, testing, transition, deployment, training, support, and maintenance – to deliver low-risk, enterprise workforce management systems that meet the needs of all tollway user departments.

## SDI's Portfolio of Transportation Clients:

• Illinois State Toll Highway Authority

• Chicago Transit Authority (CTA)

• Metra Commuter Rail

• Los Angeles World Airports

• Omnitrans Bus Service, San Bernadino, CA

• Transportation Security Administration (TSA)

• Virginia Railway Express (VRE)

• Washington Metropolitan Area Transit Authority

• Chicago Department of Transportation (CDOT)

• DC Department of Transportation (DDOT)

# SDI
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## About SDI

Systems integrator SDI delivers advanced technologies that ensure security and revenue for complex, mission-critical environments. With a 25 year corporate resume, SDI focuses on the higher IT demands of high-value, critical environments to deliver higher performance , enhanced SECURITY and risk mitigation strategies. From 911 centers to airports to transportation agencies, SDI delivers the deep technical expertise and complex systems' past performance, with an agile delivery model focused on complete customer satisfaction.

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