



## AIRPORTS

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Advanced technology solutions to maximize the security and operational performance of airports and the aviation sector.

advisory services. technology delivery. managed services.  
[www.sdipresence.com](http://www.sdipresence.com)





SDI has a 20-year resume of designing, deploying, and supporting complex security technology solutions specifically for airport security programs.

SDI designs, builds, and maintains advanced security technologies and supporting infrastructure, specializing in airport environments. With over 20 years of rich airport technology security systems experience, SDI offers the technical breadth, depth of talent, and airport operations knowledge expected of a national, top-tier integrator, along with our pristine reputation of forward-thinking, responsive, and client-oriented service delivery.

The SDI Team brings an in-depth understanding of the security technologies that are available today, and airport concept of operations (CONOPS) that they are designed to serve. SDI designs integrated technology solutions that empower an airport's overall security program, enhancing both situational awareness and operational response.

From the many advanced IP video systems SDI has deployed across numerous airport environments, to the complex integrated Situational Awareness Operation Center systems our Team has deployed for Category X and 1 customers, SDI helps our airport clients drive their security goals to reality.

## Long-term Portfolio of Aviation Clients.

Some of the largest airport systems and airlines in the US choose SDI to deliver reliable technology systems that are core to their security programs:

- O'Hare International Airport
- Minneapolis-Saint Paul International Airport

### Los Angeles World Airports/LAX

SDI designed and deployed the technology systems for Los Angeles International Airport's Airport Response Coordination Center, integrating 26 separate technologies including traditional security systems (video surveillance, access control, and computer-aided dispatch) and operations-based systems (work management, gate/bus management, building automation, and geographic information systems).

- Phoenix Sky Harbor International Airport
- Seattle-Tacoma International Airport
- Midway International Airport
- San Diego International Airport
- Greenville-Spartanburg International Airport
- Chattanooga Metropolitan Airport
- Augusta Regional Airport
- Transportation Security Administration (TSA)
- United Airlines
- American Airlines

## Multiple Levels of Security and Technical Expertise.

SDI's exceptional team of professionals range from former aviation security executives to hands-on, highly certified field technicians. Versed in TSA, FAA, NIMS, and SSI regulations, the SDI Team is staffed with industry experts who understand how information is inherently used in airport security operations. SDI's knowledge of airport security best practices shapes our technology deliveries, giving our aviation clients exactly the tools and information that they need to do their jobs exceptionally well.

## Unmatched Client Commitment.

SDI offers more than the typical product vendor who is motivated to sell their specific devices. SDI holds certifications and hands-on working familiarity with industry-leading manufacturers, allowing us to recommend the best technical and most cost-effective solution for each unique airport environment. The SDI Team brings the technical capacity to configure these vendor technologies to specifically serve a client's unique operational requirements - and we are committed to doing what it takes to make the technology work as part of our clients' routine and emergency response operations.



# Advanced Technology Solutions That Empower Airport Security Teams and Deliver Operational Excellence.

SDI approaches highly-critical airport security technology implementations with an initial CONOPS-based analysis, to identify potential impact across relevant IT, security, operations and facilities management disciplines. The resulting business requirements, standard operating procedures (SOPs), and response protocols drive our technology delivery, ensuring reliable, cost-effective and responsive working systems from Day One. SDI specializes in:

## Airport Command Centers.

SDI offers turnkey command center technology implementations - from technology architecture to full technology deployment - providing a single point of responsibility for total accountability, rapid delivery and overall systems integration. SDI is an industry leader in the area of complex system integrations in live airport command environments.

## Situational Awareness Management Systems.

Using our proven SAMSON<sup>SM</sup> technology model, SDI delivers enhanced situational awareness across a client's enterprise by integrating best-of-breed technologies - physical security information management (PSIM) and event management systems into a framework of legacy and new security and operational systems. SDI's SAMSON model drives the sharing of critical information, graphics and digital video data from all sub-systems to provide a common operating picture to all users,

to give them the information that they need to perform their job quickly - dramatically increasing efficiency and reducing response times. For multiple Category X airport clients, the SDI Team has defined SOPs and then integrated these procedures into the PSIM system, to deliver enhanced security operations.

## Digital Video Management Systems.

SDI delivers turnkey digital video management systems and all 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 different vendor platforms.

## Intelligent Video/Analytics.

Building upon some of the most advanced and proven capabilities in today's marketplace, the SDI Team delivers a wide range of analytics, including perimeter protection, license plate recognition, excessive vehicle speed, objects left behind, loitering, and ingress/egress breach detection.

## Perimeter Intrusion Detection Systems.

SDI deploys multi-layered intrusion detection solutions to protect an airport perimeter. SDI partners with leading PIDS vendors, as well as provides custom integration of various other

perimeter security technologies including digital video with motion detection; taut wire, fence mounted, buried, barrier and CBRNE sensors; and millimeter wave technologies. Each PIDS implementation is tailored for each clients' unique environmental requirements, including long perimeters, EMI or lightning challenges, and where an unobtrusive appearance is a high priority. Our CONOPS-driven PID systems implementations maximize detection probability, minimize nuisance alarm rates, and minimize system vulnerabilities.

## Identity Management/Access Control Systems.

Whether a new enterprise implementation or upgrading to biometric/smart cards, SDI offers turnkey deployment of the latest identity management systems, including innovative mobile/wireless biometric readers and integrated workforce management timeclocks.

## Emergency Preparedness.

SDI delivers Mass Notification systems, Reverse 911, evacuation plans/signage and First Response Command Plans.

## Networks and Infrastructure.

SDI's in-house networks team supports all advanced security technology deployments, to ensure high systems performance and to reduce implementation costs using existing networks or high-capacity, secure wireless infrastructure.



## About SDI

Systems integrator SDI delivers mission-critical technologies that ensure security and revenue generation for complex, high-value environments. With a 20 year corporate resume, SDI addresses the higher IT demands of critical environments to deliver zero downtime, enhanced security and risk mitigation strategies. From airports to banks to commercial properties, SDI delivers deep technical expertise with an agile delivery model focused on complete customer satisfaction.

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