



SDI Public Safety Solutions

Increasing Situational Awareness Through Interoperable Technologies

advisory services. technology delivery. SmartSourcingSM long-term support.
www.sdienterprises.com

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SDI
we're there.®

A man in a white uniform is seated at a desk in a control room, working on a computer. The desk is cluttered with multiple monitors, keyboards, mice, and stacks of papers. A water bottle is also visible on the desk. The man is looking intently at the screens, with his hands on the keyboard. The background shows other workstations and equipment, suggesting a busy operational environment.

For over 19 years, some of the country's largest and most acclaimed mission-critical organizations turn to SDI for design, implementation, and support of their public safety systems and infrastructure.

The threat environment facing organizational leaders today is extremely complex: Targets of violence and definitions of "critical infrastructure" have expanded beyond traditional sectors like government, transportation and utilities and now include schools, hospitals, malls, and businesses.

Available to address today's Homeland Security-driven challenges are a host of emerging technologies that support conventional security activities for a wide range of operations and physical structures. These technologies enhance situational awareness and facilitate command and control operations to exponentially increase the effectiveness of the protection, prevention, response and recovery strategies.

Arriving at the correct blend of technology solutions is a complex undertaking that must take into account physical, architectural, engineering, technology, and process considerations. Before a project is initiated, network infrastructure, technology equipment, physical security, and systems integration specifications must be defined in order to avoid costly time delays and future technology incompatibility issues. Managing the physical and virtual realms and blending them with security and operational requirements demands integration expertise across construction, technology and facilities management and security disciplines.

SDI takes a unique, integrated approach to the design, construction and operations of technology-enhanced security systems. Our underlying vision of interconnecting system components results in client cost-efficiencies, high-performing systems and quick incident resolution. SDI offers proven solutions to create state-of-the-art incident management systems that enable our public safety clients to prevent, protect, respond and recover from a wide range of hazards.

An Interoperable Approach

A Proven Track Record of Delivery



SDI has provided technology solutions to public safety agencies for over 19 years, supporting some of the country's most cutting-edge state and local agencies. SDI's unique blend of operational knowledge and integrated technology expertise enables our public safety clients' to cost-effectively and efficiently safeguard citizens even in these economic times:

Deep Understanding of the Public Safety Function

SDI expert consultants include well-respected former public safety personnel that are well-versed in National Incident Management System (NIMS), National Response Framework (NRF) and Urban Area Homeland Security Strategy standards. Across the range of public safety functions, SDI's knowledge of response operations and their interrelation with individual technologies allows us to deliver collaborative, operationally functional solutions.

Specializing in Layered Security Technologies for State and Local Agencies

Modern security technologies require a holistic approach to unify widely

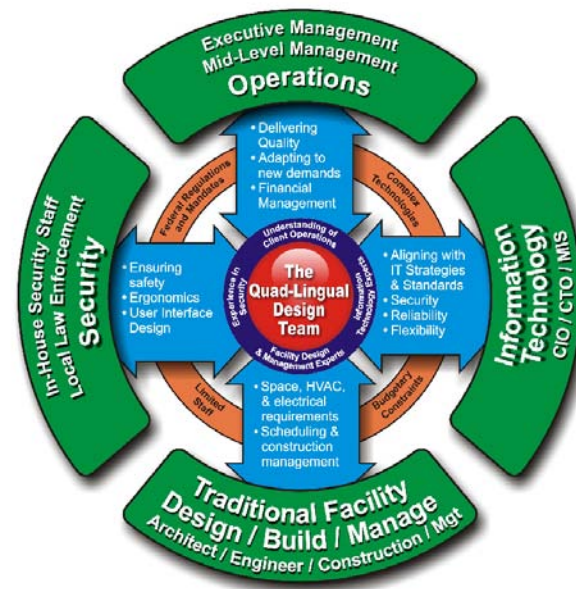
divergent types of technologies into a single operational system. From physical infrastructure (power, HVAC) to IT infrastructure (networks, servers) to individual applications (CCTV, dispatch systems), SDI addresses fundamental challenges such as network capacity and security to assure safety and security systems' continuity of operation.

Vendor-Independence.

SDI does not sell products; we sell solutions. We have no vested interest in the products we implement, therefore, we can be completely objective. SDI's vendor independence ensures that our public safety clients benefit from a truly objective opinion based on extensive experience.

Maximizing the Performance of Critical Assets

SDI delivers proven asset management technology tools to allow public safety organizations to maintain, upgrade and operate physical assets cost-effectively. SDI designs and supports technologies that provide critical information to decision-makers with the ability to prioritize capital projects, deriving maximum benefit from increasingly scarce public safety dollars.



SDI's quadlingual approach to technology implementations eliminates costly scope gaps and drives cost-efficiencies and operational functionality.

Mission-Critical Credentials

SDI clients insist on the highest levels of reliability and security. Our clients include some of the most forward-thinking organizations in the country, and our award-winning projects have set industry standards:

Illinois Emergency Management Agency

- Design/Construction of State Emergency Operations Center (SEOC)
- Systems Commissioning

City of Chicago Office of Emergency Management and Communications (911)

- Reverse 911 implementation
- Mass notification system implementation
- Systems and network infrastructure support
- On-site technical support and maintenance, programming development, and ad-hoc reporting
- City's emergency evacuation CADD files management and maintenance
- GIS services including City base map development and critical City Building and related floor plan data
- Traffic Management and Command Vehicle systems support

Chicago Fire Department

- First Response Command Plans
- Administrative Forms Automation
- Strategic Technology Planning services

McCormick Place/proposed 2016 Olympic Security Command Center

- Command center design/build
- Campus-wide security systems integration

City of Chicago, O'Hare International/Midway Airports

- Digital video system/fiber network installation, integration
- Video analytics
- Integrated security dispatch system
- Access control and identity management, including biometrics
- Integrated security dispatch system
- Airport fusion center design/build
- 24x7 SmartSourcing technical support

City Colleges of Chicago

- CCTV commissioning

Port of Seattle

- Computer Aided Dispatch requirements specifications

Video Surveillance and Analytics.

Whether designing surveillance for a new facility or converting existing analog CCTV components to a modern digital video system, SDI delivers reliable, cost-effective video management solutions specifically for the public safety environment.

Video Surveillance Systems.

Today's video surveillance is network-based, and can be distributed easily to any computer with permissions. SDI implements a full range of video surveillance systems for public safety entities, and delivers turn-key implementations that include all video management system components:

Cameras.

SDI installs all commercially-proven surveillance devices including IP cameras, day/night/low-light/infrared, and high-resolution 10-megapixel long-range cameras.

Management systems.

SDI has extensive experience in the leading digital video management systems, including Verint, Genetec, and others.

Networks.

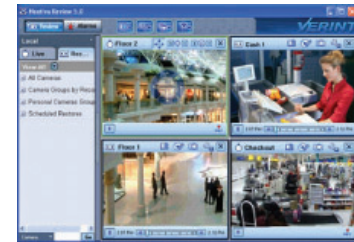
Our certified network engineers design, deploy, and support high-capacity, secure multi-gigabit fiber networks to handle the immense traffic of digital video.

Storage.

SDI implements Storage Area Networks (SAN), NVRs and redundant, multi-site mirrored storage for business continuity.

Hybrid analog/digital systems.

When building an all-digital system is not practical, SDI can design a hybrid system that uses existing equipment as well as digital management. This approach keeps costs down while still providing advanced functionality.



SDI implemented a Digital Video Management System in an Airport environment with over

2,000 cameras. The system can be accessed by FBI, TSA, 9-1-1, and the Mayor's office - images can be forwarded to any authorized decision-maker's computer. Terabytes of storage allow video to be archived for as long as 30 days. We are currently installing digital camera systems at locations across the country for one of the nation's largest airlines.

Video Analytics.

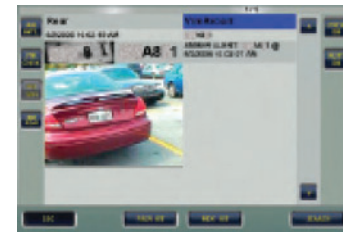
Video analytics systems enable video camera imagery to detect people, objects, or observe movement and behavior and notify staff. These systems can be programmed to create perimeter protection, alert staff when people loiter, enter unauthorized areas, or violate checkpoint rules, as well as a wide range of other unacceptable behaviors.



SDI implemented video analytics for an airport systems that analyzes passenger behavior to protect vital security checkpoints. When unacceptable behavior (such as walking through checkpoint in the wrong direction) is detected, the system alerts security.

Analytics for Vehicles.

Automatic License Plate Recognition (ALPR) reads license plate numbers and compares the plate number to a database to determine who the vehicle belongs to and if they are the vehicle under suspicion. ALPR systems can alert on a wanted vehicle in less than one second.



SDI implemented ALPR at a Midwestern hub airport that scans every vehicle entering the airport (over 2500 cars/hour at peak). The system alerts security before a vehicle under suspicion can arrive at the terminals.

Access Controls Systems and ID Badging.

Versed in best practice identity standards, SDI delivers reliable access control systems to public safety environments.

Biometrics.

Biometric systems provide an additional level of security that cards and passwords cannot. They provide the 3rd critical element needed to verify an individual's identity: what they have (ID Badge), what they know (PIN code) and who they are (biometric, like a finger scan). SDI is experienced with biometrics in public sector environments serving tens of thousands of users.

ID Badging.

Today's ID badges are no longer simple magnetic or RF cards, they now include microprocessors and memory. This technology allows a level of security not possible with traditional cards. SDI has experience with multiple card technologies in public safety environment. Experience in implementing a wireless system for checking staff IDs on the airfield of a Category X airport is easily transferrable to establishing similar systems in a campus environment.

Identity Management.

Verifying identity in a public safety facility environment requires interaction between many disparate systems that were usually not initially designed to communicate with one another. SDI's database experts mine data from multiple systems to provide complex reporting and the ability to search across systems.



SDI manages all access control systems for two airport systems with over 45,000 users, recently upgrading the system and adding biometric readers and Smart Cards for all employees. The access control system databases are now cross-referenced with multiple external data sources to mine the data to meet federal security requirements.

Command Center Design/Construction.

With an insider's view gained from over 19 years experience in designing, building, and working in command centers, SDI delivers complex, integrated security command environments - from conceptual design to build-out and full deployment. SDI understands technology requirements as well as how to mitigate traditional construction trade challenges when building a center.

Virtual Reality Designs.

SDI builds 3-dimensional computer models of designs before any work is done. "Walking through" these virtual models allow us to find issues in the design before it is built.

Large-format Video Displays.

SDI designs and implements large-format video display systems that can display any visual resource, from documents to video.

Mission-Critical Design.

SDI specifies redundant, fault-tolerant, "5-nines" systems to ensure that airport command

centers operate reliably. SDI's Command Center experience includes:

- O'Hare Incident Management Center
- Midway Crisis Management Center
- O'Hare Operations Control Center
- Illinois State Emergency Operations Center
- McCormick Place Security Command Center



SDI designed and built the McCormick Place Security Command Center that will be used in the 2016 Olympics.

Computer Aided Dispatch Services.

Public safety officials rely on Computer Aided Dispatch (CAD) systems to handle calls-for-service as efficiently as possible, and look to SDI's expertise in CAD and integrating with other systems like GIS.

CAD Implementation Services.

SDI provides GIS mapping services to build the basemaps that are the foundation of CAD. SDI has experience in developing large GIS maps specifically for the public safety environment. SDI also provides customized training for CAD users and administrators.

CAD Application and Database Support.

CAD systems are complex, and require ongoing support of the application and the underlying database. SDI's experts ensure that the application and databases are operating at peak efficiency.

CAD Integration Services.

SDI integrates CAD with systems like video for advanced, integrated response capabilities.



SDI has implemented and supported CAD for over 10 years. We assisted in the implementation of Chicago's award-winning 9-1-1 CAD, which is one of the largest in the country, and we currently support the CAD system at a Category X Midwestern Airport.

Physical Security Information Management (PSIM).

In order to improve incident management, SDI implements PSIM to integrate disparate critical systems into a single user interface to reduce response time, increase situational awareness, and provide a common operating picture.

SDI was a pioneer in this concept in the 1990s, linking alarms with video feeds in a Category X Airport. Today, SDI implements PSIM to link alarms with video, Computer Aided Dispatch, collaboration and mass notification systems to support fast and effective response.

Emergency Management & Response, Mass Notification, and Threat Information Systems.

SDI implements systems that help organizations manage crises more effectively:

Emergency Management and Response Systems.

SDI delivers Emergency Management/Response systems to allow organizations to manage incidents and emergencies in an online, secure collaboration space - keeping parties involved connected and informed as events unfold.

Mass Notification Systems.

SDI implemented notifications systems that alert staff and stakeholders within an agency instantly via email, text message, voice, and radio with a click of a mouse. SDI has implemented systems

that provide notification to millions of citizens through Chicago's Reverse 911 system.

Threat Information Systems.

SDI configures threat information systems in order for authorized parties to receive real time alerts on pre-specified events. Weather, emergencies, disasters, security threats, and news are filtered by preset criteria such as location or type of information, and delivered via email, text message, or phone.

Vehicle Management Systems.

Vehicles play an important part in the public safety effort, and managing them effectively has a big impact on operations. SDI helps large clients manage their fleets effectively using proven technologies.

Vehicle Location

SDI implements Automatic Vehicle Location (AVL) Systems which transmit a vehicle's location to a 911 command center, allowing public safety managers to know exactly where their mobile resources are located. These systems can also transmit data on a vehicle's speed, engine status, and even how hard the driver is braking.

Fleet Maintenance and Scheduling Systems

SDI delivers complex computerized maintenance systems to ensure that vehicles are appropriately serviced so they are available when needed and perform at peak efficiency, resulting in lowered operating costs.



Facility and Safety Management Systems.

SDI implements Asset Management systems that ensure that public safety facilities are well-maintained and functioning reliably. Computerized Maintenance Management Systems (CMMS), Computer-Aided Facility Management (CAFM), and Integrated Workplace Management Systems (IWMS) help facility managers schedule maintenance and repairs, track inventory usage, manage staff work spaces facilities, and accurately track costs.

Enterprise Asset Management (EAM) Systems

SDI has implemented asset management systems for over 100 million square feet of facilities, including several public sector campuses.

Emergency Evacuation Plans

SDI creates Emergency Evacuation Plans that meet all local requirements. We offer turn-key service, from assessing legal requirements to creating

plans and signage. Disaster Recovery Planning is also available.

First Response Command Plans

SDI's First Response Command Plans provide succinct, critical infrastructure information to first responders in emergency situations. Elevator/stair run diagrams, GIS-based staging maps and floor plans enable quick decision making when time is of the essence.



Custom Applications.



Often, public safety managers are faced with the need to coordinate a wide variety of processes and information - and there are no readily available and cost-effective commercial off-the-shelf systems available. SDI custom-develops software to help manage this workload. Our developers understand the need for ease of use and mission-critical reliability. SDI has custom developed applications that are designed to meet specific needs of a particular agency, including training compliance, fuel tracking and GIS applications.

Infrastructure Assessment, Design and Implementation.

All advanced public safety technologies rely on the infrastructure of servers, workstations, and networks that are so critical to system operation. SDI has extensive experience in all aspects of IT infrastructure, including mission-critical servers and large, high-capacity networks. Our staff of certified experts has managed the installation of wired and wireless LAN/WAN, fiber backbones, Virtual Private Networks, digital video distribution, and security/anti-virus solutions. We also have unique skills and experience in high-bandwidth networks supporting video and long-term Storage Area Network (SAN) storage.

Mission-Critical Servers

SDI designs and deploys high-reliability servers that meet the demands of today's public safety agencies. Using clustered/mirrored servers, multi-site redundancy and "5-nines" reliability, SDI ensures that critical systems are available and secure.

High-Capacity Networks

Digital video surveillance systems require robust, high-speed networks. SDI designs, implements, and supports high-speed fiber networks to ensure that video traffic gets the bandwidth it requires.

Data Storage and Archiving

Public safety technologies can generate huge amounts of information like digital video feeds that need to be stored or archived. SDI has deep experience with designing and building very large, multiple terabyte SANs.

High-Capacity Fiber Optic Networks

SDI's certified network designers and technicians deploy and support the high-capacity fiber networks that modern public safety technologies rely on everyday. We have experience with mission-critical high-reliability digital video networks and robust network security.

Data Center Design and Implementation

SDI designs and builds high-reliability Data Centers to support the technology systems that are the lifeblood of today's public safety entities.

Wireless Mesh Networks

SDI is experienced in implementing wireless networks specifically for a public safety environment. With existing implementations of industry wireless systems including Firetide, Motorola, Cisco, and Tropos in place, SDI provides secure, reliable, high-capacity network connectivity without the need for network cabling.

For linking locations

Implementing IP-based security often requires extension of networks to previously un-wired locations, which can be costly. SDI implements wireless networks that provide connectivity without the need for expensive cable installations. Applications like perimeter security can especially benefit from wireless networks.

For Vehicles

Extending video surveillance and other systems to vehicles allows field staff access to the same resources as in wired connections.



SDI has designed and implemented over 150 wireless networks, including transmitting digital video and high-security encryption. We recently implemented wireless systems for digital video surveillance, wireless access control readers, and live video feeds to vehicles within an airport environment.

SmartSourcingSM Technical Support.

Public safety clients trust SDI to support their critical systems and processes on a daily basis. SDI provides turn-key 24/7/365 support so our clients can be assured their mission-critical systems will be ready when they are needed. SDI's SmartSourcing program includes 24 hour field service support and maintenance, with professionally trained, embedded technicians either on-site or oncall, providing:

- Project Management
- Security technology application support
- Remedial repairs
- Preventive Maintenance
- Network management
- Server support
- Database administration, data maintenance, security and back-ups
- Physical security systems hardware maintenance
- Product vendor service contract management
- Hardware/software upgrades and enhancements
- Spare parts management

Managed according to Service Level Agreements (SLAs), SDI's SmartSourcing provides regular program governance reporting and custom reporting to suit our client's requirements. Our comprehensive on-site support services ensure the reliable operation of your organization's hardware security components and their supporting software applications and infrastructure.



SDI provides technical support for the City of Chicago's 911 center, as well as other large government clients.

We're There.

It's why some of the nation's largest owners of mission-critical facilities choose SDI to oversee their most complex IT projects: our unrivaled commitment to delivering on our clients' objectives. We pledge our presence – from regularly scheduled meetings to off-hour emergencies. We pledge our quick response – whether in a support capacity, providing quotes, or in returning a phone call. We pledge our enthusiasm – for our work and in the success of your organization. We pledge to be willing to work with you, our client, to get through contract negotiations and procurement regulations, or project obstacles. And we pledge our on-going vigilance of industry trends to best guide your organization into the future.

From the back office to the front line, **we're there.**

That's our promise to you.



we're there.®

SDI is a systems integrator focusing on mission-critical systems and infrastructure of capital asset intensive organizations that are directly impacted by Homeland Security issues and property ownership responsibilities.

With over 19 years of critical systems experience and a team of over 140 highly-certified business professionals and technicians, SDI provides advisory services, technology delivery and SmartSourcingSM long-term support. From 911 centers to school campuses to airports to commercial real estate portfolios, SDI's professionals are trusted to keep mission-critical systems fully operational, running within a secured environment while maintaining peak efficiency.

SDI embodies the technical breadth, depth of talent, and complex systems experience of a national, top-tier systems integrator with a reputation of delivering on our projects until our clients are successful.

SDI By The Numbers:

- 19 Years of public industry experience
- \$27MM in revenues, 22% growth in 2008
- 18 years EBITDA positive
- Backed by strong team of private equity investors
- 140 long-term/repeat clients
- 140 business and technology professionals, averaging 15 years of industry experience per employee
- Highly certified technicians versed in industry methodologies
- Spin-off of nationally-recognized engineering firm ESD

Some of the nation's largest entities count on SDI to build, operate, and maintain their critical systems - and we're there.

- Nation's largest convention center
- Largest commercial property owner in the U.S.
- Largest city aviation authority in the nation
- Largest water purification plant in the world
- Largest wastewater treatment plant in the world
- Largest district cooling system in the U.S.
- One of the largest bus services in North America
- 2nd busiest airport in the world
- 2nd busiest airline in the world
- 2nd busiest 911 call center in the nation
- 2nd largest public transit in U.S.
- 2nd largest re department in U.S.
- 2nd ranked commuter rail system in U.S.
- Nation's 3rd largest public school system
- 5th busiest sea port in North America
- DHS-funded state emergency operations center

PMBOK-certified Project Management. On-going Quality Assurance Programs. Regular Executive Governance.

SDI Methodologies Deliver Success.

SDI's integrated team of project resources consistently apply proven project management methodologies to specifically address complex project engagements:

Experienced Project Leadership

Our PMP-Certified Project and Program Managers ensure that projects are completed on-time and within budget, and our clients are always well informed. SDI PMs provide a single point of contact and project responsibility for meeting scope of services, time, cost, and quality management expectations.

Proven Delivery Methodologies

SDI delivery methodologies ensure project continuity, quality and delivery throughout an implementation. Our delivery approach applies best of breed management techniques to manage risk throughout the project lifecycle:

- TQM-modeled Quality Assurance program
- ITIL-based service management
- IEEE-compliant technical and professional resources and services.

SDI's approach is focused on Total Cost of Ownership (TCO), eliminating the costly pitfalls of misaligned vendors.

Quality Assurance

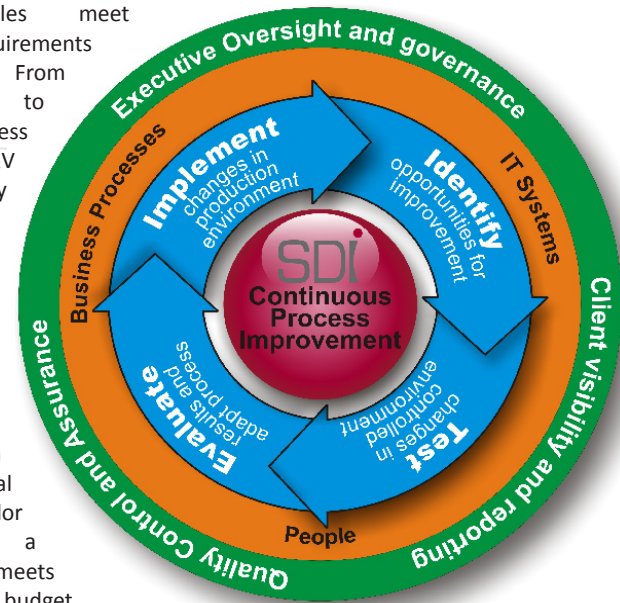
Throughout project engagement, SDI conducts regular quality audits, senior-level quality reviews and hosts governance reporting meetings with key client stakeholders. SDI's Quality Relationship Management (QRM) program ensures that SDI senior management hears our client's needs and we are delivering on what we promise. Our QRM Team strives to meet with our client teams on a quarterly basis to collect feedback on our performance, reliability and customer service.

Independent Validation and Verification (IV&V)

SDI IV&V programs ensure that our clients' large-scale transformational technology initiatives' deliverables meet identified project requirements and business goals. From ERP implementations to interdepartmental business applications, SDI's IV&V professionals work closely with our customers to ensure that deliverables are complete and support future steps in the implementation process. SDI's IV&V programs deliver this crucial information in an environment free from internal organizational and outside vendor influences, to deliver a functional system that meets multiple stakeholders' budget, schedule and system performance expectations.

Executive Governance

Throughout the life of a client engagement, SDI conducts regular meetings with senior client stakeholders to monitor and review progress from an executive perspective. With monthly and quarterly meetings as typical frequencies, SDI executives are present to leverage the experience of our most senior professionals in the form of leadership, coaching, and mentoring.



SDI's On-Going Commitment to Corporate Citizenship

Building on the founding SDI principle of sound corporate citizenship, our SDI-impacts programs serve the community through diversity initiatives, sustainable technology solutions, and active community involvement, to make a noteworthy impact on our environment, customers, and employees.

SDI Impacts Diversity

For 11 years, SDI was a certified Minority-owned Business Enterprise (MBE), recognized in 29 states and municipalities including Illinois, the City of Chicago, and Cook County. Through our SDI Impacts Diversity program, SDI remains committed to meeting minority financial goals in our new and existing contracts, building MBE/WBE business partnerships, minority workforce recruiting, and building a corporate culture celebrating diverse perspectives, including a workforce that significantly represents minority inclusion.

SDI is proud to be a committed member of Chicago United's Five Forward program, designed to build minority businesses of scale through the expansion of business relationships with five local minority firms.

SDI Impacts Environment

The SDI Impacts Environment program strives to incorporate environmentally-sensitive best practices, products and policies into our corporate culture to minimize the carbon footprint of SDI and of our clients. From the sustainable considerations taken in designing and operating our office space to our environmentally conscious technology solutions, SDI actively seeks out environmentally friendly technology systems, infrastructure and support best practices to make a real impact in our world.



SDI Impacts Community

SDI has a long history of giving back to our local community. Through sponsorships, professional service donations, technology solutions, and employee volunteer hours, the SDI Impacts Community program actively identifies opportunities to create meaningful positive impact on our community's workforce and its citizen's lives.

Since its inception in 1996, SDI's First Chance Initiative (FCI) program offers area youth the opportunity to see the impact of their education, providing a glimpse at the future value of doing well in school today. Primarily drawing from Chicago Public Schools and the City Colleges of Chicago, SDI interns work in a professional environment, learning to meet work deadlines and how to communicate effectively. Throughout the life of the FCI program, SDI has paid over \$500,000 in internship salaries and scholarship funds, and currently employs several past FCI participants.



"SDI believes that being a local business means being a good corporate citizen. It is part of our business practice to actively identify opportunities that create meaningful experiences that better our community's workforce and make a difference in its citizen's lives."

David A. Gupta
SDI President



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