PROFESSIONAL ASSOCIATIONS

DSI remains engaged on all professional levels to ensure our employees are equipped with the most current information on supporting government contracts. DSI is an active member of several professional organizations:

- U.S. Contract Tower Association (USCTA)
- Air Traffic Control Association (ATCA)
- Professional Services Council (PSC)
- International Test and Evaluation Association (ITEA)
- National Defense Industrial Association (NDIA)
- American Association of Airport Executives (AAAE)
- Association of the U.S. Army (AUSA)
- Association of the U.S. Army (AUSA)
- National Contract Management Association (NCMA)

PRICING

- DSI’s pricing is highly competitive and provides airports with maximum hours of operation.
- DSI uses cost-effective support methods to remain within airport budgets.
- DSI’s combined weather and ATC services limit the number of personnel required to perform aviation-related tasks, saving airport funding.
SAFETY AND QUALITY

- DSI’s Quality Control Plan ensures full FAAO JO 7110.65, Air Traffic Control, and FAAO JO 7210.3, Facility Operation and Administration compliance.
- Our Quality Control Plan has produced exceptional results on FAA quality-assurance evaluations and achieved outstanding customer-satisfaction reports from aviation users throughout the country.
- DSI controllers are trained, skilled, and FAA-certified in effective separation of aircraft.
- DSI administers a results-driven reduced runway incursion plan.

AIR TRAFFIC CONTROL AND MANAGEMENT OPERATIONS

DSI helps airports improve their safety and efficiency by analyzing and improving ATC and airport management services. DSI controllers maintain constant surveillance of the airspace and the movement areas at their respective airports using FAA standard phraseology and rigid adherence to Federal Aviation Administration (FAA) separation standards. DSI operations are in strict accordance with specific FAA/NWS orders, notices, and airport directives.

Additionally, DSI air traffic management staff have decades of air traffic and airspace management experience. They specialize in the development and review of procedural guidance, airspace design, special use airspace requirements, class B/C airspace revisions, and special traffic rule requirements.

Airspace analysis entails a careful review for the following:

- Safety
- Efficiency
- Environmental impact
- Noise
- Integration of general aviation
- Class B or C airspace requirements
- Special use airspace

As a result, you can expect greater efficiency and/or increase in

- Safety
- Gained fuel efficiency
- Flight plan scheduling
- NAS compliance
- Special use airspace time
AVIATION SERVICES

DSI is a fully functional, all-inclusive provider of air traffic control, navigational aid, and airfield systems maintenance. We are an established ATC supplier to the Air National Guard, operating at many joint-use military-civil airfields. DSI’s controllers service general aviation aircraft, business jets, a full range of military aircraft, and commercial air carriers of every size. Our experience in mixing military and civil flight operations is unsurpassed. DSI also provides ramp control and gate coordination services at the Detroit Metropolitan Airport, Michigan, and Seattle-Tacoma International Airport, Washington.

DSI provides airport services at 10 Locations.

- Air Traffic Control & Aviation Systems Maintenance
- Ramp Control and Management of Terminal Resources

AIR TRAFFIC CONTROL TRAINING

- DSI is an expert on conducting air traffic control training in accordance with FAA and International Civil Aviation Organization (ICAO) requirements.
- DSI has conducted ATC training in ARTCC, TRACON, and control tower facilities.
- DSI trains new developmental controllers, as well as seasoned certified professional controllers, using classroom instruction, static labs, one-on-one examinations, and high-fidelity simulations.
- All DSI employees are carefully vetted for their FAA, military, and interpersonal skills.
AVIATION SERVICES

DSI is a fully functional, all-inclusive air traffic control, navigational aid and airfield systems maintenance provider. We are an established ATC supplier to the Air National Guard and U.S. Coast Guard, operating at seven joint-use military-civil airfields. We provide ATC services in Mojave, California, and Springfield, Ohio, as part of the Non-Federal Control Tower Program. DSI's controllers service general aviation aircraft, business jets, a full range of military aircraft, and commercial air carriers of every size. Our experience in mixing military and civil flight operations is unsurpassed. DSI also provides ramp control and gate coordination services at the Detroit Metropolitan Airport.

AIR TRAFFIC CONTROL TRAINING

- ATC training of certified professional controllers and trainees
- Interpretation and application of rules and procedures
- Training for and testing of knowledge and practical application
- High-fidelity simulation development and generation
- Computer-based instructional programming and administration
- Records documentation
- Quality control and standard operating procedure development
- NextGen hardware and software training and program transition support
**AVIATION SERVICES**

**AIR TRAFFIC SERVICES**
- Control/separate/sequence air traffic in terminal area
- Inter- and intrafacility communications/coordination
- Crash/rescue notification & coordination
- Traffic advisories
- Flight following
- Search and rescue coordination

**AVIATION WEATHER SERVICES**
- National Weather Service Certified
- Limited Aviation Weather Reporting System (LAWRS)
- Supplemental Aviation Weather Reporting System (SAWRS)
- Station aviation weather reporting
- Enroute weather advisories/warnings
- SIGMET/ARMET reporting

**AUTOMATED BENEFITS**
- Input/updates/termination on Flight Data Input/Output (FDIO)
- Standard Terminal Automation Replacement System (STARS)
- Automatic Terminal Information Service (ATIS)
- Automated Surface Observing System (ASOS)
- Automated Weather Observing System (AWOS)
- Information Dissemination/Display System IDS-4/5
- Digital Audio Legal Recorder (DALR)

**MAINTENANCE**
- Navigational aids (NAVAIDs)
- Meteorological Equipment
- HF, UHF, & VHF radios
- Air Traffic Control and Landing Systems (ATCALS)

**WEATHER OBSERVATION SERVICES**
- Real-time weather observation using the ASOS and the AWOS
- Critical weather data analysis for aviation observations
- First-class interpretation of radar and satellite imagery
- All controllers National Weather Service trained and certified in accordance with FAA Orders and National Weather Service meteorological reporting criteria
- Exceptional cooperative weather-watch program

**SERVICE BENEFITS**

DSI is sensitive to the high business costs associated with a bustling airport and offers services with fiscal responsibility in mind. In addition to providing the human element, DSI’s proprietary airport surface management system captures aircraft movement, parking, and the costs associated with each event. Our system of data retrieval provides our customers with the following:

- Gate-parking report categorized by airline
- Arrival/departure times
- Parking location
- Gate usage by minutes
- Aircraft diversion information
- Breakdown of parking fees assessed to each airline

- Weekly and monthly charter schedules
- Gate plot scheduling tools
- Hardstand parking reports
- Daily record of facility operations
- Common-use aircraft movement logs
RAMP CONTROL AND TERMINAL COORDINATION SERVICES

The safe and efficient movement of aircraft within the confines of congested ramp space is DSI’s number one priority in providing superior ramp control services. We also effectively schedule terminal resources, including gates, ticket counters, and baggage systems. DSI’s efficiency reduces remote parking for airlines, enhances passengers’ travel experience, and captures airport revenue. Our employees provide the following:

- Prioritization of arrivals and departures
- Flight information display updates for operational and public viewing
- Coordination with all airport, airline, and air traffic control personnel
- Taxi instructions for remote de-icing, parking areas, gate arrivals, and departure clearances
- Common-use gate planning
- Real-time tracking of gate occupancy and commercial airline use of terminal resources
ATC MAINTENANCE SERVICES

- DSI services include ATCALS, meteorological navigational (METNAV), and navigational aid systems (NAVAIDS) equipment maintenance.
- DSI maintenance technicians are FAA and FCC licensed and certified.
- DSI’s skilled maintainers provide service on:
  - AN/FRN-45 TACAN
  - Non-Directional (Radio) Beacon (NDB)
  - Automated Terminal Information System (ATIS)
  - AN/GMQ-32 Runway Visual Range (RVR)
  - Light guns
  - AN/FMQ-8 Digital Temperature/Dew Point Set
  - Aneroid Barometers (ML-102) (FA-112)
  - Enhanced Terminal Voice Switch (ETVS)
  - Digital Audio Legal Recorder (DALR)
  - GRN-29 ILS System
  - Tower radio transmitters, receivers, and antennas
  - AN/FSQ-204 STARS Tower Display Workstation
  - AN/GMQ-34 Cloud Height Set
  - AN/FMQ-13 Digital Wind System
  - Vaisala CT25K Cloud Height
  - Closed Circuit Television (CCTV) Security System
  - Small Terminal Voice Switch (STVS)

DSI personnel control 250,000 annual aircraft operations at six airports nationwide.

AIR TRAFFIC CONTROL AND MANAGEMENT SERVICES

- DSI employees have experience working in Air Route Traffic Control Centers (ARTCC) and terminal ATC facilities (TRACON/TWR) around the country.
- DSI employees are NextGen-capable and prepared to conduct any airspace redesign or air traffic management research services to focus on the analysis and optimization of the National Airspace System.

- DSI personnel control 250,000 annual aircraft operations at six airports nationwide.
- Over 40 full-time air traffic controllers operate visual flight rules (VFR) control towers.
- DSI controllers average 28 years of ATC experience, maintain FAA certifications and currency, and average 41,000 annual operations per tower.
- DSI air traffic managers average over 30 years of ATC experience.

- Our team of senior ATC employees have extensive experience in the profession. They are former FAA employees and retired military personnel and have served in many different ATC roles.
- All ATC operations are compliant with FAA regulations and procedures.
- Our controllers make use of the world’s most advanced automation systems to efficiently integrate tower-controlled aircraft into the National Airspace System.