



EXPERIENCE | Transportation

Ideas in Motion
Bringing Horizons Closer

Airports and Air Carriers





I D E A S I N

INTEGRATED KNOWLEDGE OFFERS UNIFIED SOLUTIONS

When it comes to the needs of decision-makers in the aviation world, TranSystems' philosophy involves the client in every step of the process. Our architectural, engineering and planning services are enriched by our integration of management consulting, security and real estate expertise. Working together in unison, these domains of knowledge come together under one roof ... in service to our clients.

BRINGING MORE TO THE TABLE

Broader wingspan equals greater efficiency. That's an equation we live by. TranSystems reaches wider into the aviation environment than any other transportation consultant. We have more experience in aviation retail development, master planning and design than any other firm in the country. We have achieved national prominence in consolidated rental car facilities. Our reach includes ground access and garages; adaptive reuse of facilities; terminal and hangar design; signage, wayfinding and branding; warehouse and logistics centers; and facility commissioning. In addition, the TranSystems' team reaches across modes to transmodal air/rail transport. In aviation, we're able to think big thoughts because of our attention to the smallest detail across the entire range of solutions.

TranSystems delivers the entire transportation experience.

INDUSTRY PRACTICE AREAS

- ▶ Airport Authorities
- ▶ Air Cargo Carriers
- ▶ Airlines
- ▶ Aircraft Manufacturers
- ▶ Federal Aviation Administration
- ▶ Integrated Carriers
- ▶ Developers



M O T I O N

TRANSYSTEMS - MEETING THE CHALLENGES

Across the Strategic and Built Environment

The ability of TranSystems to meet the transportation challenges of its clients rests firmly on the range of modal expertise, technical disciplines and consulting services we have gathered into one integrated business entity. We provide knowledge vertically within each mode of transport and horizontally across all the modes. Likewise, we have embraced the domains of management, real estate, and security consulting, meshed with the full range of the engineering and architectural disciplines. We thus have the ability to wring out handoff costs between disciplines otherwise contained in separate business organizations.

Our project management goals are the same as those of our clients. In fact, we require this of ourselves. We determine the most effective path forward towards project completion. We discover and execute economies without compromising the quality of the project. We are committed to gaining an understanding of the larger purpose and fit into the economy of the project or the program. Finally, we bring an awareness of the needs of both the client and the end user. We never lose sight of the fact that lives – and livelihoods – depend on the solutions we offer.

TRANSYSTEMS MARKET SECTORS

- ▶ Freight Railroads
- ▶ Passenger Rail and Transit
- ▶ States and Municipalities
- ▶ Airports and Air Carriers
- ▶ Shippers and Distributors
- ▶ Ports and Maritime
- ▶ Trucking and Automotive
- ▶ Energy and Communications
- ▶ Federal Government



TRANSYSTEMS' CONSULTING SERVICES

Special Services to the Aviation Domain

Terminal Architecture
 Consolidated Rental Car Facilities
 Airport Retail and Concourse Development
 Intermodal Movement of People and Goods
 Ground Access (Bus, Auto, Rail)
 Airline Facilities/Adaptive Re-Use
 Hangars (Commercial and Military)
 Signage, Wayfinding and Branding
 Warehousing and Logistics Centers
 Financial Modeling and Feasibility
 Airport Commercial Development
 Program Management

Management Consulting Services

Economic Analysis
 Econometric Modeling
 Market Demand Analysis and Forecasting
 Supply Chain Process Mapping
 Modal and Transmodal Strategic Planning
 Industrial Redevelopment Consulting

Planning Services

Capital Programming
 Energy Efficiency
 Site and Facility Master Planning
 Site Assessment
 Urban, Regional and Community Planning

Financial Services

Alternative Funding (Public and Private)
 Bonds and Financing
 Cost and Budget Estimates
 Economic Impact Studies
 Financial Operation and Cost Analysis
 Fund Processing Assistance
 Grant Application
 Special Districts

Real Estate Services

Right-of-Way Acquisition Services
 Program and Project Management
 Title Research
 Negotiations
 Appraisals/Value Analysis
 Right-of-Way Cost Estimating
 Relocation Assistance
 Property Management
 Document Recording

Operations and Movement Analysis

Process Definition and Mapping
 Analytical Modeling
 Distribution Operations
 Transportation Operations
 Surface Transportation
 Security and Threat Analysis
 Process Improvement
 Supply Chain Operations Analysis
 Facility Location
 Transportation Alternative Analysis
 Sourcing Alternative Analysis
 Operational and Process Validation

Preliminary and Final Design Services

Site Assessment, Development and Design
 Architecture
 Civil
 Structural
 Mechanical, Electrical and Plumbing
 Feasibility and Impact Studies
 Interior Design
 Landscape
 Routing Analysis
 Signaling, Optimization and Lighting
 Traffic
 Utility Planning and Relocation

Environmental Services

Assessments
 Categorical Exclusions
 Impact Statements
 Issue Reports
 Noise and Air Quality Analysis
 Permitting and Document Preparation
 Socioeconomic Analysis Studies

Other Specialty Services

ITS (Intelligent Transportation Systems)
 GIS Administration
 Maintenance Inspections
 Military Logistics
 Public Involvement
 Safety Training
 Satellite Mapping
 Software Consulting
 Transportation Policy Consulting
 Transportation Research

Security Services

Security Program Design and Development
 Risk, Threat and Vulnerability Assessments
 Operational and System
 Auditing Assessments
 Emergency Preparedness and
 Recovery Planning
 Facility Security Design
 Strategic Master Security Planning

Construction Services

Administration
 Arbitration and Mediation
 Inspection
 Management
 Materials Testing
 Observation
 Surveying, Staking and As-Built