



TranSystems

EXPERIENCE | Transportation

End-to-End Solutions
Every Step of the Way

Shippers and Distributors



DELIVERING

INTEGRATED EXPERIENCE

Your expanding needs call for integrated solutions. These can only be provided by a company firmly grounded in high level strategic planning, with knowledge of operational details for all components of the global transportation network, and versed in integrated facility planning. TranSystems tailors and applies this broad-ranging understanding to each client assignment.

Our senior professionals have held executive and management line positions in their respective functional areas. It's this composite of industry experience and breadth of understanding that gives us our unique edge. We approach our studies with no set ideas on standard solutions because we know that "one size *does not* fit all." We also ensure our independence by having no affiliation with any manufacturers, distributors, integrators or software providers.

TRANSYSTEMS

TranSystems provides best-of-breed architects and engineers, management consulting, supply chain management, simulation modeling and facility level infrastructure expertise under one roof.

We deliver on the promise of the optimized solution to the shipper, distributor and manufacturer sector, providing a continuum of services that range from benchmarking of corporate goals through design of material handling systems and facilities operations and equipment plans; from sourcing and demand pattern specification through vendor and transport qualification; from baseline economics modeling through post-implementation audit.

INDUSTRY PRACTICE AREAS

- ▶ Carriers
 - ▶ Railroads
 - ▶ Trucking
 - ▶ Airfreight
 - ▶ Maritime
- ▶ Shippers
 - ▶ Distributors
 - ▶ Manufacturers
 - ▶ Pharmaceutical
 - ▶ Retail
- ▶ Developers
 - ▶ Metals/Minerals
 - ▶ Chemical
 - ▶ Consumer Goods



SOLUTIONS

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

Management Consulting Services

Economic Analysis of Logistics
Econometric Modeling
Market Demand Analysis and Forecasting
Supply Chain Process Mapping
Supply Chain Assessment
Cost and Service Benchmarking
Modal and Transmodal Strategic Planning
Bulk Ocean Carrier Economics
Rail Intermodal Cost Analysis
Industrial Redevelopment Consulting

Planning Services

Capital Programming
Energy Efficiency
Freight Mobility
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 Analysis, Simulation, Analytic Modeling

Manufacturing Operations
Distribution Operations
Transportation Operations
Point of Sale Operations
Surface Transportation
Security and Threat Analysis
Process Improvement
Supply Chain Operations Analysis
Facility Location
Transportation Alternative Analysis
Sourcing Alternative Analysis
Inventory Deployment
Operational and Process Validation

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

Special Services to the Facilities Domain

Master Planning for New Facilities
Master Planning for Existing Facilities
Industrial Engineering Studies
Plans and Specification Development
Bid Preparation and Review
Conveyor Systems
Warehouse Handling Systems
Product and Process Definition and Mapping
Product and Process Analysis and Improvement
Project Financial Analysis
Facility Location Analysis
Facility Layout Design
Material Flows Analysis
Materials Handling System Design
Low Temperature Design Services
Thermal Envelope for Coolers and Freezers
Exterior Envelope
Vapor Envelope for Humidity Control
Box-In-Box Construction
Controlled Atmosphere Ripening Rooms
Forensic Investigation of Condensation, Frost and Ice Problems
Test Chamber Envelopes (Extreme Temperature)

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