

FOCUSED ON AUTOMATION & MATERIAL HANDLING

A Transforming Landscape

Capital equipment suppliers designing, building, and maintaining automation and material handling systems to meet the demands of the 21st Century global economy are facing more challenges than ever before. Manufacturers must embrace significant advances in technology not only as it relates to their customers, but also their own businesses. There are powerful market drivers in play such as:

- Consumerization transforming supply chain logistics
- Urbanization demanding smaller warehouses closer to consumers
- Greater operational efficiency demanding sophisticated intelligent systems
- 24/7 world commanding more agile supply chain

A GLOBAL DEVELOPMENT PARTNER

Altran is well positioned to be your global partner for developing complex automation and material handling systems.

- 30+ years of engineering expertise in systems, hardware, software, connectivity, security, safety, and data analytics
- 500+ products delivered
- Extensive experience developing complex control systems
- Design, development and test expertise

OUR AUTOMATION & MATERIAL HANDLING

EXPERIENCE

- Warehouse Control System (WCS) Architecture Design and Development
- System for Mixed Pallet Building
- Automated Material Handling System Performance Improvement
- Checked Baggage Screening System
- Automated Universal Liquid Dispensing System
- Roboticized Apparel Manufacturing System
- Fleet Management System for Autonomous Material Handling
- Enterprise Analytics for Logistics Management
- Warehouse Control System Software Architecture

FOCUSED ON ACCELERATING THE DEVELOPMENT OF COMPLEX AUTOMATION AND MATERIAL HANDLING SYSTEMS FOR OVER 30 YEARS

OUR CAPABILITIES

Business & Technology Consulting

Aligning technology with business goals across the entire product lifecycle, our Consulting services include:

- Product Roadmap Development
- Architecture Evaluation and Design
- Technology Selection
- Cybersecurity Assessment

System Design & Development

Comprehensive development capabilities in software, systems, data analytics, mechanical, and electrical engineering including:

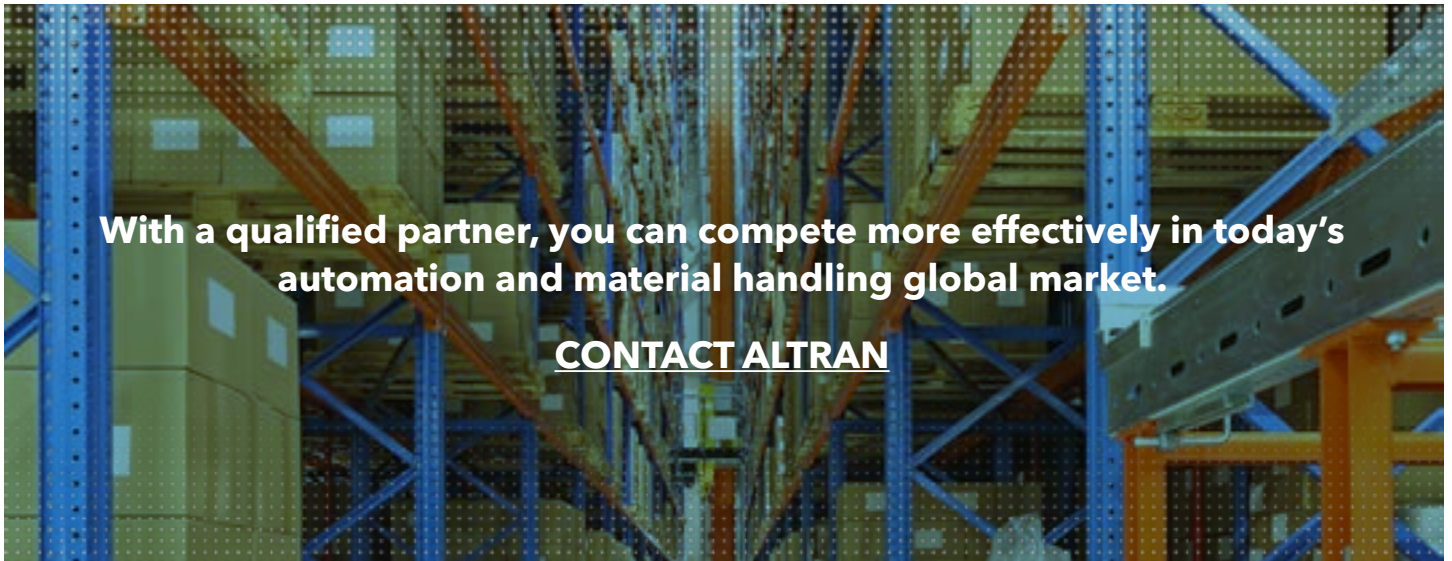
- Product Definition and Planning
- System Architecture Analysis and Definition
- Risk Analysis and Management
- Verification Planning and Execution
- Project Management

Engineering Support Services

Cost-effective sustaining and maintenance services to support and maintain your existing products—allowing you to keep your valuable resources focused on new product innovation.

Services include:

- Legacy Product Maintenance
- Obsolescence Management
- Hardware and Software Upgrades
- Value Engineering
- Documentation Management



ABOUT ALTRAN

As a global leader in Engineering and R&D services (ER&D), Altran offers its clients a new way to innovate by developing the products and services of tomorrow. Altran works alongside its clients on every link in the value chain of their project, from conception to industrialization. For over thirty years, the Group has provided its expertise to key players in the Aerospace, Automotive, Defense, Energy, Finance, Life Sciences, Railway, and Telecoms sectors, among others. In 2016, the Altran group generated revenues of over \$2bn. With a headcount of more than 30,000 employees, Altran is present in more than 20 countries.

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