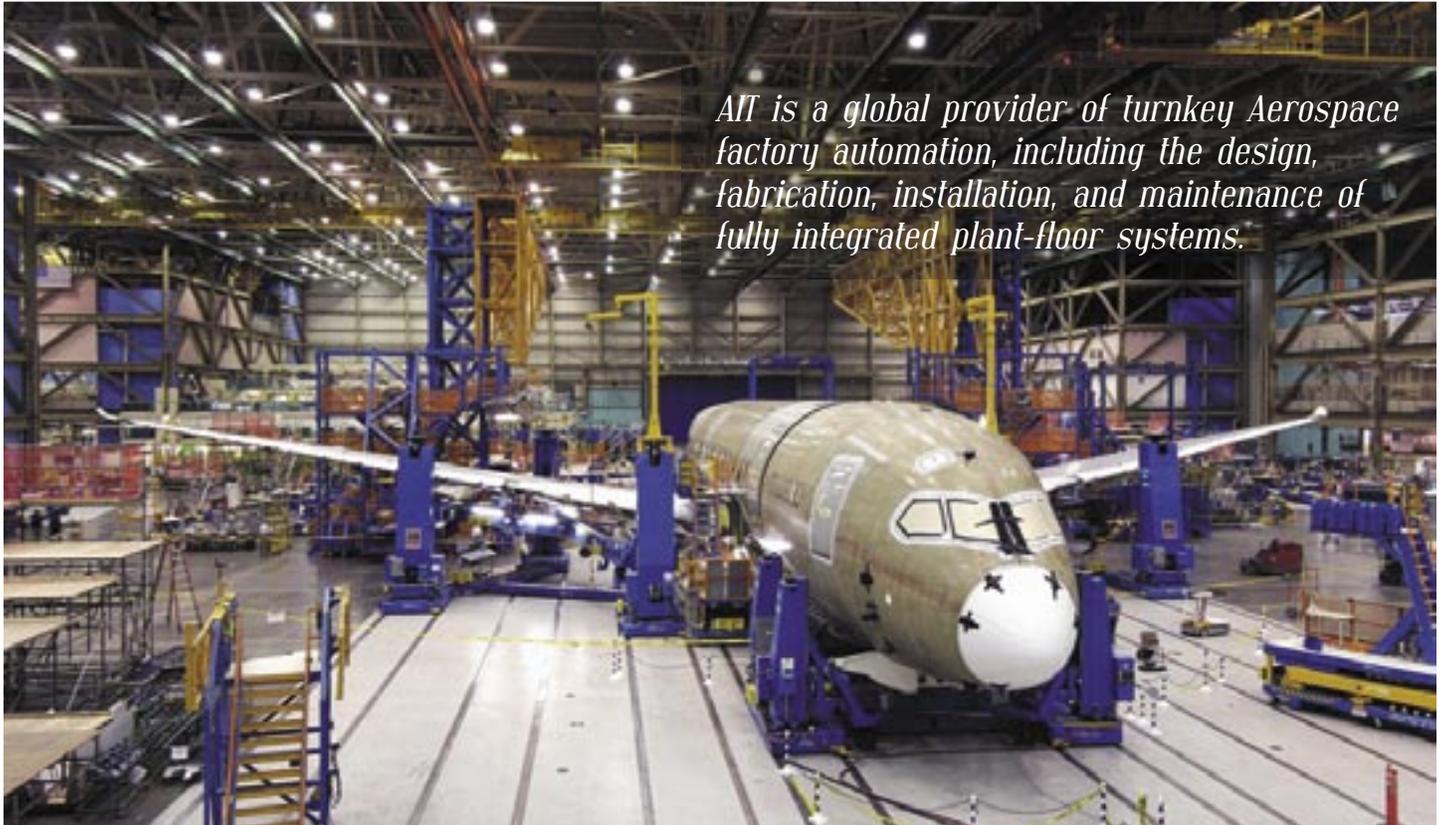




Advanced Integration Technology

Turnkey Factory Automation for the Future of Aerospace



AIT is a global provider of turnkey Aerospace factory automation, including the design, fabrication, installation, and maintenance of fully integrated plant-floor systems.

Specializing in industrial automation for almost two decades, Advanced Integration Technology (AIT) has earned a leading position as the preeminent turnkey factory integrator and prime contractor to some of the world's foremost Aerospace companies. With hundreds of automation and drilling systems in operation worldwide, AIT has garnered the technical and management expertise necessary to implement any automation program.

AIT teams have been designing, manufacturing, installing, and enhancing almost every large airframe automated alignment system in production throughout the Aerospace industry. In fact, AIT has been prime contractor for companies including Airbus, The Boeing Com-

pany, Vought Aircraft Industries, Spirit AeroSystems, Lockheed Martin, Global Aeronautica, McDonnell Douglas, CASA, Fairchild Dornier, Bombardier/Learjet, Northrop Grumman, and British Aerospace.

Leveraging Our Integration Expertise

AIT is experienced in managing multiple major, simultaneous, turnkey projects by leveraging the expertise of its five facilities worldwide:

- **Plano, Texas** – Headquarters/Executive Offices, Supply Chain Management, Project Management, Software, Marketing
- **Seattle, Washington** – Mechanical Design
- **Vancouver, British Columbia** – Manufacturing (two facilities)
- **Madrid, Spain** – Mechanical Design, Project Management, Contract Manufacturing
- **Umea, Sweden** – Mechanical Design, Project Management, Contract Manufacturing

INTEGRATION AIT was in a unique position as the only supplier to manage the integration of all 787 Dreamliner subassemblies.

By integrating the functional capabilities among our facilities, we have successfully reduced lead times to as short as seven months from the receipt of an order to delivery, as well as increased reliability and affordability for our customers. In addition, AIT makes every attempt to work with suppliers and subcontractors local to a particular project area. Our technical capabilities, automation systems experience, innovative solutions, and post-installation support ensure that we can provide successful turnkey integration, automated assembly systems, customer jigs, and tools and processes.

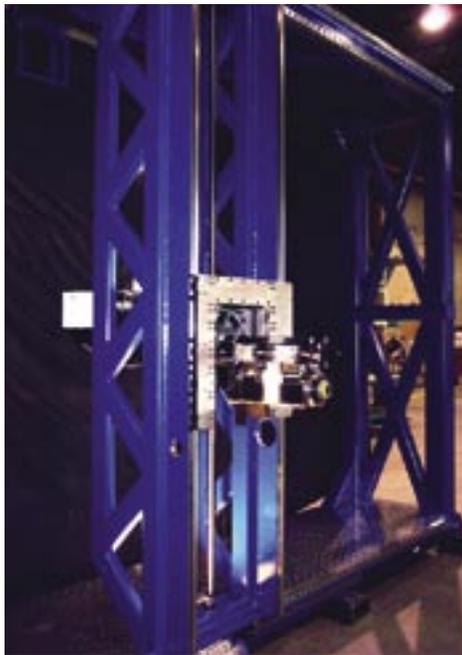
Here are a few examples where AIT has honed its expertise as the large-scale integrator of choice for aircraft assembly systems:

- **Vought Aircraft Industries** – 787 Integrator Section 47/48 and Capital Equipment
- **Global Aeronautica** – 787 Systems/ Facility Integrator Mid- and Aft-Body Joins



AUTOMATED ASSEMBLY For Vought, AIT delivered a mandrel assembly/disassembly system for the 787 Dreamliner Sections 47/48.

DRILLING TOOLS AIT's patented drilling machines adhere to lean, right-sized manufacturing principles.



- **Global Aeronautica** – 787 Dreamliner Facility Automated Assembly Cell for 45/11 Mate to Sections 43, 44, and 46
- **Lockheed Martin** – F-35 Joint Strike Fighter Final Assembly System
- **Airbus España** – A380 Section 19 Alignment

Engineering Prowess

Relying on the strength of our diverse team of engineering pros, AIT has earned a leading position in the Aerospace industry by pioneering:

- Gaugeless tooling systems and automated laser alignment systems
- Portable point-of-use NC drilling machines
- First automated assembly and integration system for the carbon fiber A380 Section 19

With its organizational structure, technology, innovation, expertise, and support, AIT deliv-

ers successful systems for both large and small Aerospace manufacturers. Trained in Fortune 500 companies, AIT founders formed the company in 1992 to provide superior value to automation users. AIT is wholly owned by key personnel who are in management positions – therefore, day-to-day decisions are made by these individuals who are motivated by long-term company prosperity. That means we consistently achieve quality results and solidify customer relationships.

With its engineered innovation, AIT has enhanced the future of the Aerospace industry.

- AIT personnel have been involved with the design, manufacture, installation, and enhancement of most major airframe Automated Laser Alignment Control Systems in production throughout the Aerospace industry.
- AIT has developed Man-Machine Interfaces (MMIs) across several industries and, in doing so, has identified the best practices for effective MMIs.
- AIT has designed, produced, and been actively upgrading a next-generation control system featuring centralized control of distributed nodes, compact layout, and the latest industrial computer and servo equipment for use in Automated Laser Alignment Control Systems as well as other industrial control applications. Used across many of AIT's industrial applications, this common platform and aggregate operating history minimize installation time and provide a reliable, rugged control system.
- AIT is accustomed to managing multiple simultaneous, major turnkey projects and has installed in facilities around the world.

More About AIT

Advanced Integration Technology (AIT) is a leading industrial automation company delivering turnkey factory integration solutions to the Aerospace industry. Accustomed to managing multiple large, simultaneous, international projects, AIT has served as the full-scale integrator to some of the most prominent Aerospace companies' cutting edge projects. Relying on the strength of our diverse team of engineering pros, AIT has earned a leading position as the predominant turnkey integrator and prime contractor to the world's foremost Aerospace companies – including Airbus, The Boeing Company, Bombardier, and Vought Aircraft Industries. Our precision-engineered technology and automation have enhanced the industry's ability to manufacture aircraft in less time and with greater exactness and flexibility. Learn more at www.aint.com.



Turnkey Factory
Automation for
the Future of
Aerospace

Contact Us

North America

Headquarters
2805 E. Plano Pkwy.,
Suite 100
Plano, Texas 75074 USA
Phone: 972-423-8354
Fax: 972-423-8469
www.aint.com

Mechanical Design

22745 29th Drive SE,
Suite 220
Bothell, WA 98021 USA
Phone: 425-398-7329
Fax: 425-424-2310

Manufacturing

3168 262nd Street
Aldergrove, BC V4W 2Z6
Canada
Phone: 604-856-8939
Fax: 604-856-8993

Fabrication and Assembly

Unit B - 3252 262nd
Street
Aldergrove, BC V4W 2X2
Canada
Phone: 604-856-8939

Europe

Design and Support
Pol. Ind. Los Olivos
C/Calidad 70
Getafe, Madrid, Spain
28906
Phone:
011-34-91-6010147

Innovative Mobility Systems AB

Umestan hus 2
903 47 Umeå, Sweden
Phone:
+46(0)90-2010000