

# Strategic Partnerships

**Electromechanical Engineering • Procurement • Manufacturing • Testing • Rapid Prototyping**

Advanced Technology Laboratories, Incorporated, is a Pennsylvania corporation that specializes in the design, development, and production of electronic and electromechanical systems. Since its inception in 1976, the company has consistently applied advanced techniques to give its customers a competitive edge in their complex business environments.

## NEW-PRODUCT DESIGN

- Cost-impact analyses
- Functional specification generation
- Production documentation generation
- Printed circuit board design and layout
- Microprocessor-based design
- Prototype construction

## PRODUCTION

- Low or high volume production runs
- Component procurement
- Electromechanical assembly

## EXISTING-PRODUCT SUPPORT

- Infusion of new technology into existing products
- Production improvement
- Design reviews
- Documentation generation

## TESTING

- Testing of fabricated printed circuit boards
- Microprocessor-based test system design
- Short-run technique development

## ENGINEERING

- Product design analyses
- Electromechanical design
- Consulting services
- Technology reviews

## TECHNOLOGY TRANSFER

- Application of new technology
- Transfer from engineering prototype to production.
- Utilization of new technologies in production

## DOCUMENTATION

- Printed circuit board layout drawings
- Parts and wiring lists
- Cost reports
- Functional specifications

## MICROPROCESSOR-BASED SYSTEMS

- Software design
- Hardware development
- Design verification
- System integration



**ATL applies tomorrow's technology today**

**ADVANCED TECHNOLOGY LABORATORIES**