

A&D Technology

Optimize Testing & Lab Management Processes with A&D Solutions

A&D
Discover Precision

A&D Technology's integrated custom systems streamline measurement test data control, automation, simulation, management, storage, and analysis to optimize engineering testing and development processes. Whether you need to design a new vehicle test cell from scratch or want to utilize your existing test equipment more efficiently, the experienced team at A&D is eager to help!

A&D Services & Solutions: Built Around the Customer, Not a Catalog

Consulting: Analysis of current testing set up and processes with proposed action plan to achieve goals and reduce pain points

Software Development: Customized to be compatible with existing systems for your unique applications and requirements

Project Management: Keeping everyone informed, on task, on time, and on budget

Equipment Procurement: Experienced recommendations and purchasing of optimal 3rd party test equipment

Installation: Engineering A&D Solutions into the customer's site

Commissioning: Final testing to ensuring system performs as expected

Service Plans: Pre or Flex payment towards repairs, spare parts, application development, etc.

Training: Software operator and developer training

Support: Helpdesk troubleshooting, service, repairs, & maintenance

Resident Engineers: On-Site A&D System Experts

iTest: Test Automation & Control

iTest.BTS: Battery Test Automation & Control

Safety Belt: Software Protection Program

LabWorX: Managing Lab Assets and Processes

Helios HILS: Simulation of Battery, Engine, Motor, or Thermal

ADX: Portable Real-Time Simulation & Control

Orion: Engine/Motor Calibration

Phoenix: Combustion Analysis

Selene: Rapid Prototyping for ECU Development

BEX-1000ft: FTIR Emissions Gas Analyzer

Dynamometers & Controllers: Hub, AC, EC Dynos and more.

Universal Testing Machines: Materials testing for tensile strength, compressive, and elasticity

Why Companies Choose A&D

1. Flexible software with 40 years and 3 million man hours of development that can be customized to be integrated with most 3rd party equipment and platforms
2. Solutions are built to order to meet the customer's budget and requirements
3. Team with decades of experience working in vehicle test cell environments
4. On-Demand custom application programming and modifications
5. Engineered, assembled, serviced, supported in Ann Arbor, MI, USA
6. Supported by A&D locations in more than a dozen countries around the world
7. Expansive project application portfolio with world-renowned OEMs
8. Save time, money, and man-hours with automated test cells & lab management systems

Let A&D Be Your Lab Partner: Improve & Maintain Your Test Cell's Brain



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