

UPGRADE YOUR LEGACY SYSTEMS

Extend the Life of your Original Investment by
Updating your Engineering and Test Systems

FOR MORE INFO
www.acquiredata.com

Why Choose ADS?

For over 25 years, Acquired Data Solutions (ADS) has improved manufacturers' throughput, accuracy, and efficiency through legacy upgrades. Building a new system is a costly endeavor. In the face of every-changing requirements and advancing technology, the system you built five years ago may no longer be the system you need today. Debugging your code or upgrading your data acquisition system can be as impactful as building a new system from the ground up. Whether your goal is to automate manual processes, improve access to data, add new functionalities, or enhance usability for the operator, we can teach your old systems new tricks.

- ISO 9001:2015 Certified Company
- **Contract Vehicles:** GSA Schedule, eFAST, Seaport Vehicles
- **Past Performance:**
 - Data Acquisition System Upgrade for simulation.
 - Multiple Legacy Testing System upgrade for transformer equipment.
 - Remote Panel upgrade of a Headlight Test System.
- **Clients:** DoD, DHS, NIST, IIHS, NIH, USNA, Hitachi, Raytheon, Zentech, Northrop Grumman, Trax International

Who We Can Help

Quality Assurance Engineers: Improve QA accuracy and throughput with machine-learning enabled applications.

System Engineers: Software and hardware enhancements allows for real-time and accurate data.

System Operators: A more intuitive upgraded system increases operators' productivity and reduces risk of user error.

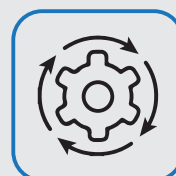
Benefits



Cost-effective approach to maintaining technological relevance.



Extend your system's lifecycle with cutting edge technology.



Optimization and performance enhancements.








Security enhancements to protect against evolving risks.

IT'S TIME TO MODERNIZE

The critical part of any successful system upgrade is understanding how your current systems are performing and identifying potential issues that need to be addressed, to ensure a significant extension to the life of these systems. At ADS, we understand the importance of this process and have supported our customers for over 25 years by upgrading their system to stand the test of time.

How We Can Help

ADS takes a phased approach that includes:

-  **1 Discovery**
Review existing software, hardware, and desired requirements to evaluate different upgrade options, and submit a report of our findings.
-  **2 Planning**
Work with the customer to determine the best approach to retrofit or re-engineer the system.
-  **3 Design & Development**
Design and develop a system that meets requirements, which may include updated software, new hardware integration, and/or security applications.
-  **4 Integration & Testing**
Integrate system's software, hardware and/or security applications. Test the system to ensure requirements have been met.
-  **5 Deployment & Verification**
Deliver upgraded system to customer site and verify functionality of all desired features.

Our Expertise

Our engineering experts will work closely with your team to create a cost effective, fully functional, and fully supported updates to meet your ongoing requirements. ADS provides technical expertise in:

- **Software Development/Debugging**
LabVIEW, TestStand, Python, MATLAB, LabWindows/CVI, C/C++, .Net, Linux, .XML, MS Access & SQL Server, Visual Studio, AI/ML Algorithms
- **Hardware Upgrades**
NI-based Hardware (PXI, cRIO, cDAQ), PXIe GPUs, PXIe Data Storage
- **System Integration**
Data Acquisition, Automation, Vision System, Control Systems
- **Cybersecurity**
Risk assessment and monitoring, RMF and CMMC Compliance

