



ATS

Advanced Technology Services, Inc.

www.advancedtech.com

PREDICTIVE TECHNOLOGY



Using real-time data to digitally transform your production environment.

What is the material flow for your most important value stream? Are motors spinning and pumps pumping? Where is the work in process? Is the operating temperature within control limits? By providing real-time data for these or scores of other questions, predictive maintenance technology can empower you to make decisions on the fly about any process input that's important to you: yielding less downtime, greater efficiency, reduced scrap, improved reliability, and much more.

ATS Controls Engineers and Reliability experts are industry leaders in IIoT (Industrial Internet of Things) technology. Our premier certifications for SCADA and HMI platforms like Ignition, Wonderware, FactoryTalk, and many others ensures the necessary skills and backing to

assess, engineer, integrate, and support systems for any type of industrial environment.

With a machine health monitoring solution and integrated IIoT devices in place, you and your team can take complete control of your production environment. Live data can be delivered to a smartphone, tablet, overhead monitor, operator interface, or other device—and when combined with business intelligence software, you're able to analyze trends, identify problems, even integrate financial data for a total, 360-degree perspective of your operation.

If you have complex challenges and unanswered questions about your manufacturing processes, contact us for a consultation. We can deliver the data that drives results.

Certified specialists working at the edge of IIoT technology. That's ATS.

Whether your goal is to maximize throughput, monitor critical processes, or become more predictive in your maintenance strategy, ATS can provide the solution. Our capabilities include:



Data Visualization: We provide real-time access to data from work cells, production lines, ancillary systems, warehousing, and parts management. Information can be delivered to operators at the HMI, production leadership and engineering at their local portal, or remote support personnel via the cloud.



Condition Monitoring: Vibration, temperature, current draw, vision systems, pressure, flow—if you are in the workspace where engineering, maintenance, and operations intersect, these conditions matter. ATS sensor technology monitors machine health while our reliability engineers analyze the data and provide prescriptive actions to eliminate unplanned downtime.



Mobile Solutions: We can deliver critical metrics and operations data through the integration of platforms including process controls, manufacturing execution systems, condition monitoring devices, vision systems, and more directly to your mobile device, enabling you to take action wherever you are.



Legacy Systems: SCADA systems have a long and rich history. As technology exponentially expands this market, ATS is here to integrate and update the existing PLC, HMI, and SCADA systems in your plant, keeping your past relevant while you transition to your platforms of the future.



Control System Evaluation: You don't have to upgrade your entire control system to remain relevant, extract data, or maintain reliability. ATS controls engineers can evaluate your current state, suggest specific changes to mitigate risk, and provide critical insight to capitalize on the latest SCADA or IIoT integrations.

Our technology-driven services can be applied to a single asset, multiple units, an entire value stream, or a whole facility.

Contact an ATS Representative Today!

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