

EARLY ADOPTION OF NIST 800-171 ALLOWS AERODYNAMICS TO GET AHEAD OF THE CURVE

ABOUT AERO DYNAMICS. AeroDynamics is located in a 40,000-square-foot facility in Seabrook, New Hampshire, and has 40 employees. They specialize in metal finishing for the aerospace, military, and defense industries and also serve a large customer base in the commercial, industrial, and medical fields. Gregg Burzynski started AeroDynamics in 1989, a premier metal finishing house. By 2007, with a rapidly growing customer base, quality system demands, and environmental requirements they reached a breaking point. That was when Gregg recruited his wife, Cara Burzynski, to join the company as president.

Cara got the company in compliance and created systems to ensure it stayed in compliance. As of 2021, AeroDynamics doubled its employee base and created jobs within the community. They also doubled their customer base earning work from customers like Raytheon, Gillette and SpaceX.

THE CHALLENGE. AeroDynamics had the foresight to realize NIST 800-171 compliance would be trickling down to them. "We wanted to get ahead of the curve to ensure our business with the DOD and the primes would not be interrupted," said Emerson Bilodeau, Director of Quality and Engineering for AeroDynamics. "We also wanted a way to get ahead of our competitors with this but we were not sure where to start." Then through a networking event Cara attended she found out about NH MEP's information session, "Cybersecurity for DOD Manufacturers."

MEP CENTER'S ROLE. Cara had Emerson attend the NH MEP information session. Afterward he explained to Cara how NH MEP, part of the MEP National Network™, with the support of its 3rd-party service provider Mainstay Technologies, could help them reach NIST 800-171 compliance. Cara agreed and enlisted NH MEP and Mainstay who would take them through the requirements of NIST 800-171 first with a Phase 1 - GAP Analysis and then the Phase 2 - Policy, Procedures, and Program Design.

For the Phase 1 - GAP Analysis the Mainstay Information Security Team worked with AeroDynamics to perform an assessment and identify compliance, noncompliance, or partial compliance with each of the 110 components required of NIST 800-171. For Phase 2 - Policy, Procedures, and Program Design the Mainstay Information Security Team created the appropriate Corporate Information Security Policies, Procedures, Strategies and Plans for AeroDynamics that aligned with NIST 800-171. Mainstay also made cost-effective, NIST 800-171 compliant technical mitigation recommendations.

"NHMEP was instrumental in assisting AeroDynamics securing a grant to attain NIST 171-800 compliance. They were with us every step of the way through the grant application. Mainstay Technologies made the process as pain-free as possible for AeroDynamics. They were wonderful to work with. Cybersecurity is more important than ever especially when dealing with aerospace and defense manufacturing. This certification has allowed us to keep our commitment to our customers."

-Cara Burzynski, President

RESULTS



4 created or retained jobs



\$100,000 in increased or retained sales



\$25,000 in cost savings



\$15,000 in new investment



\$1,000 in training

CONTACT US



172 Pembroke Road
Concord, NH 03301



(603)226-3200



www.nhme.org

