

## FLUXWORKS: EMPOWERING PROGRESS, TRANSFORMING MOTION

**ABOUT FLUXWORKS, LLC.** FluxWorks, Inc., (“FluxWorks”) is a Texas-based small business, founded in 2021 that seeks to commercialize multiple magnetic gear technologies developed at Texas A&M University in College Station, Texas. They specialize in creating dual-use, reliable, safe and effective products with a commitment to technical excellence and attention to detail. Their core values, relationship, team, quality of work, drive their company culture, business practices and inspire a collaborative and integrity focused environment.

**THE CHALLENGE.** DFARS 252.204-7012 initially allowed companies to self-attest that they met DoD minimum cybersecurity requirements in alignment with NIST SP 800-171 (Rev 2). However, in November 2020, DFARS 252.204-7019 and DFARS 252.204-7020 were introduced to ensure more accurate reporting of cyber security compliance. These new requirements provided a higher confidence level that companies submitted more accurate information about their cybersecurity compliance to the DOD. To comply, companies must maintain a system security plan (SSP) and a plan of action and milestones (POAM) for addressing any deficiencies. These additional DFARS requirements include entering a Supplier Performance Risk System (SPRS) score in the Procurement Integrated Enterprise Environment (PIEE). This is a legal requirement for a defense industrial base (DIB) company to be able to handle controlled unclassified information (CUI) when doing business with the DOD, DOD suppliers and/or space applications. FluxWorks had already secured multiple Small Business Innovation Research (SBIR) contracts and was aiming to expand into larger contracts and obtain follow on funding. However, a significant obstacle was meeting the requirements of all applicable DFARS. To address this challenge, FluxWorks proactively reached out to TMAC, part of the MEP National Network™, for assistance.

**MEP CENTER'S ROLE.** FluxWorks engaged TMAC to perform a gap assessment, which helped establish a strategic plan for achieving full compliance. TMAC addressed some of these gaps and referred FluxWorks to a third-party company, Assessivate, to close the remaining ones. This process brought FluxWorks to a compliance level typically seen in more established defense industrial base (DIB) companies. As a result, FluxWorks was able to confidently post its SPRS score on the PIEE website, supported by the necessary documentation to validate its cybersecurity compliance.

**"Working with TMAC jump-started our journey toward full NIST SP 800-171 compliance. Their initial gap assessment established a strong baseline and ensured we were well-prepared when engaging a third-party company to implement our cybersecurity policies and controls. Additionally, TMAC has been instrumental in planning and executing our new 9,000-square-foot facility, which will create new jobs and manufacturing opportunities in Conroe, TX."**

-Kyle Maier, Planning & Execution Manager

## RESULTS



FluxWorks landed a **\$2,000,000** contract with the U.S. Army



Workforce expanded by **37%**



Upscale their manufacturing capabilities to a new 9,000-sq.-ft. facility.

## CONTACT US



7300 Jack Newell Boulevard  
South  
Fort Worth, TX 76118-7115



(800)625-4876



[www.tmac.org](http://www.tmac.org)

