



CAPABILITY STATEMENT

COMPANY OVERVIEW

MedAcuity LLC builds secure, mission-critical software solutions for highly regulated and high-risk environments across defense, aerospace, MedTech, robotics, and life sciences. MedAcuity combines advanced engineering expertise with deep federal and regulatory knowledge to accelerate delivery, reduce technical and compliance risk, and support life-saving and national security missions. With over 500 successful project engagements and more than 90 percent repeat business, MedAcuity is recognized for quality, reliability, and mission impact.

MedAcuity, LLC

UEI: RVD5AQB LD4G3
CAGE: 5JU37

210 LITTLETON RD FL 2
WESTFORD, MA 01886



CAPABILITIES

MedAcuity LLC provides full lifecycle software development and engineering services, including embedded systems, application development, cloud solutions, DevOps, UI development, and system modernization. Expertise spans robotics, computer vision, AI and machine learning, LLM integration, cybersecurity, and secure communications. MedAcuity supports architecture design, program recovery, verification and validation, and compliance management in FDA-regulated and federal environments. The organization operates within ISO and regulated quality management systems and aligns with standards such as ISO 13485, IEC 62304, ISO 14971, ISO 27001, DO-178C, and DO-254 to support aerospace, medical device, and defense programs.

NAICS CODES:

Primary NAICS: 541512 - Computer Systems Design Services

Secondary NAICS: 541511, 541513, 541519, 541611, 541614

CORE COMPETENCIES

- Custom Software Development and Systems Engineering
- Embedded Systems and Real-Time Software
- AI, Machine Learning, and Computer Vision
- Cybersecurity, Threat Modeling, and Risk Assessment
- Regulated Quality Management Systems and Compliance Support
- Architecture Design, Modernization, and Program Recovery
- Verification, Validation, and Independent Testing
- Secure Communications, Command and Control Systems

DIFFERENTIATORS

MedAcuity LLC delivers an agile, senior-level engineering team experienced in both FDA-regulated and federal mission environments. Integrated capabilities across robotics, embedded systems, AI, and cybersecurity reduce vendor fragmentation and improve delivery speed. Demonstrated compliance with ISO and defense standards supports high-assurance programs in aerospace, MedTech, and defense sectors. Over 500 engagements and 90 percent repeat business reflect consistent performance and trusted partnership in mission-critical software delivery.



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