

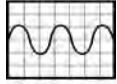


eikon
RESEARCH, INC.

CAPABILITY STATEMENT

NAICS: 541330, 541511, 541512, 541715

CORE COMPENTENCIES



RADAR ANALYSIS AND ASSESSMENT : Radar Subject Matter Expertise, Data Analysis, Fusion of RF and EO-IR Subsystems, Consulting, and Systems Engineering and Technical Assistance (SETA) support



SENSOR, SIGNAL, AND ENVIRONMENT MODELING AND SIMULATION: Mature M&S Software Suite, Performance Analysis, Software- and Hardware-In-The-Loop (SWIL/HWIL) Testing, and High Fidelity Atmospheric Effects Including Clutter and Multipath Modeling



RADAR DESIGN AND DEVELOPMENT: Signal Processing, Radar Control Software, Firmware, RF and AESA Design, System Integration and Testing, End-to-End System Design, Modifications/Improvements to Existing Radar Systems, Intuitive Graphical User Interfaces, and Post-Analysis Tools



MEDICAL IMAGING AND ALGORITHM DEVELOPMENT: Cutting-Edge Imaging Modalities (ex: Ultrasound), Computer Aided Detection (CAD) Algorithms, Early Cancer Detection, Image Registrations, and Other Advanced Research

CORPORATE OVERVIEW

Eikon Research is a Woman-Owned Small Business (WOSB) defense contractor specializing in radar engineering. The Eikon team is comprised of highly specialized employees working together to deliver superior solutions to challenging problems involving radars, sensor systems, and software development.

www.eikonresearch.com

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Phone: 256-464-2277

DIFFERENTIATORS

- Team of Radar Experts with Over 50 Years Combined Experience in Radar Supporting Over 17 DoD Agencies and Prime Contractors
- Agile Software Development Processes That Guarantee All Software/Firmware is Delivered on Time, within Budget and Exceptional Quality
- Modular Open Software Architecture (MOSA) Design Practices That Can Be Reused Across Many Programs, Reducing Development Time and Costs for Our Customers
- Employees with Past Professional Experience in DoD Civilian Employment, Government Contracting and Program Management
- In-house Firmware/FPGA/Software Developers
- Established Risk Management Framework (RMF)
- Specializes in Developing Low-Cost, Reduced-SWaP Radar Systems by Leveraging COTS Products

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