

COMPANY OVERVIEW

Premonition Systems is a physician-founded research and development company that builds clinical software and the AI inside it. We take on research, prototyping and software work for federal agencies and research sponsors, and support government research and development projects as a prime or as a specialized medical and clinical subcontractor.

Usability, automation and security are priorities in every design.

CORE COMPETENCIES

- **Research and prototyping.** Rapid, testable prototypes, each built to answer one question, with a test plan, measured results and a written report at every phase gate.
- **Clinical decision support and predictive modeling.** Probabilistic models that estimate patient state and update as new observations arrive.
- **Applied AI for clinical work.** Speech-to-note scribing and language-model features for clinical text.
- **Clinical software engineering.** Web and mobile applications for clinical records and operations, with access control and audit logging built in.
- **Health data and interoperability.** Data models and standards-based interfaces for records that must move between systems.
- **Clinical workflow and usability design.** Mapping how care is actually delivered, then testing designs with clinicians as the end users.

MEDICAL AND CLINICAL SUBCONTRACTOR SUPPORT

For prime contractors and research teams on projects in civilian, operational and military health settings:

- **Physician subject-matter expertise** in internal medicine and clinical informatics, including clinical practice in deployed military environments.
- **Clinical requirements** and workflow analysis, from concept of operations to acceptance criteria.
- **Research protocols and IRB submissions:** human-subjects protections, study design and data management plans. Former IRB board member and pre-submission protocol reviewer at Brooke Army Medical Center; CITI-trained.
- **Clinical scenarios and synthetic patient data** for test and evaluation.
- **Clinical review and validation** of model and system outputs.
- **Usability evaluation** with clinicians as participants.

DIFFERENTIATORS

- **A rare combination in one founder.** A military-trained, board-certified physician informaticist who also builds the software: U.S. Air Force veteran.
- **Built in a working practice.** We build and run clinical software in our own medical practice, so we design against real clinical workflows, not assumptions.
- **Usability, automation and security first.** Each is a design requirement from the first sketch, not a later pass.

COMPANY DATA

LEGAL NAME

Premonition Systems LLC

UEI

PRKUK8DN3WN8

CAGE CODE

25V04

BUSINESS SIZE

Small business

DESIGNATION

SDVOSB: SBA certification application pending

LOCATION

Wichita, Kansas

NAICS

541715 Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)

513210 Software Publishers

541511 Custom Computer Programming Services

541512 Computer Systems Design Services

POINT OF CONTACT

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TITLE

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PRODUCTS

PRACTICE SUITE

Prometheus

PERSONAL HEALTH RECORD

Advocaite