Company

Galois' mission is to create trustworthiness in critical systems. We take innovative ideas and turn them into real-world technology solutions through a combination of applied research and engineering.

We work with clients in government and industry to develop solutions that have significant impact on assuring safety, security, and privacy.

Faciliites:
Galois' office in Portland, OR contains workstations for the engineers with standard office and IT infrastructure. Research is done on equipment and using software owned by the applicant, Galois, Inc. No additional equipment will need to be purchased for this effort.

Year Founded:
1999

Industry / Customer Base:
Software assurance / research services

Company Structure & Ownership:
Privately held C corporation, incorporated in the State of Oregon

Staff:
45 employees (35 engineers, 10 support)
CEO - Dr. Robert Wiltbank
Chief Scientist - Dr. John Launchbury

Representative Clients:
* US Department of Defense
* US Department of Energy
* US Intelligence Community
* US Defense Advanced Research Projects Agency (DARPA)
* US National Aeronautics and Space Administration (NASA)

Research & Development

We specialize in the research and development of innovative new approaches and technologies that provide information assurance for challenging systems and software environments.

Our world-class researchers and engineers build upon a solid foundation of mathematics and science to address the most challenging problems today:

* Applied formal methods
* Cryptography
* Language design and compilation techniques
* Security and trusted computing (excluding crypto)
* Systems of systems
* Hardware and cyber-physical systems
* Cross-domain security
* Programming at Internet scale

With our suite of safety and security verification and validation (V&V) tools, you can feel

confident that our technologies meet specifications and fulfill their intended purpose:

* Information flow analysis
* Hardware verification
* Driver systems, kernel design
* Type systems and formal mathematical analysis of software
* Automated software analysis for a wide range of properties
* Custom V&V and analysis tools

We believe that the open innovation model for research and development is the most effective means to keep up with disruptive technology advancements. We also continually look to build paths to commercialization through new and existing strategic partnerships.

We care deeply about real-world use of our research and development efforts and work to transition them broadly to existing product/service providers. This supports our desire to spread the benefits of our technologies across a wide variety of government and commercial organizations.