

SPECIAL EMPHASIS ON SOFTWARE

The importance of computing systems to both aerospace endeavors and to society in general cannot be overstated.

The ability to rapidly modify software has lulled many development organizations into sloppy business practices because they fail to recognize the cost, schedule, and quality impacts of up-front programmatic and technical processes. Innumerable studies show that it's 10 to 100 times less costly to fix an error during design than during integration testing.

Software is a foundation upon which much of our work rests.

- ❖ Software Engineering
 - Design & Development
 - End-to-End Event-Driven and Time-Driven Simulations
 - Omni-lingual
 - Tool Supported
- ❖ Software Process Improvement
 - Extensive Experience working at SW-CMM Level 3
 - Process Improvement Training
 - SEI-Licensed Interim Profile Assessments
 - Capability Maturity Model Integration (CMMI)

*SOLVING YOUR
TOUGHEST
PROBLEMS
WITH INGENUITY*



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INGENUITY RESEARCH CORPORATION

A Women-Owned Small Business
Providing the Defense and Energy
Departments with the Highest Quality
Aerospace Systems Engineering and
Software Engineering Services

INGENUITY RESEARCH CORPORATION:

The recent economic and political turmoil has stressed the Defense and Energy Departments' scientific and engineering contractor pool. Over the years, comparatively high commercial salaries and a graying workforce have created a severe brain drain. The tarnished luster of the aerospace segment has also caused many of the most talented and ambitious technical staff to depart for challenges in other areas.

Ingenuity Research Corporation was founded on the belief that talented and experienced senior staff should continue applying their skills to national defense problems. Our business model is therefore designed to balance customer and staff needs:

◆ For Customers this means that they'll be able to affordably maintain a corporate body of knowledge and have continuing access to the most capable staff available.

◆ For Associates this means that they'll be able to fulfill their personal and financial development needs while continuing to contribute to challenging national problems.

HOW DOES IT WORK?

Ingenuity Research Corporation achieves these customer and employee goals by applying a new business model to the government-contracting arena.

During its initial growth phase, Ingenuity Research Corporation (IRC) serves the customer and associate communities as the hub of a network of small (often 1-person) corporations. IRC provides centralized services (marketing, accounting, contracting, security, etc.) to our supplier corporations.

This gives customers experienced business points of contact to address their issues while simultaneously allowing employees to incorporate and thereby optimize wages, benefits, and taxes according to their family's needs.

Accordingly, IRC is not a temp agency or consulting shop. We seek only long-term partnerships.

Ingenuity Research Corporation applies a new business model, encouraging the country's most talented and experienced technical staff to continue solving tough national security problems

CORPORATE CAPABILITIES

We select our associates based on a demonstrated ability to succeed and excel on both technical and managerial assignments.

This proven excellence, when supported by a healthy appreciation for managerial and technical process improvement, makes our associates particularly valuable core members of Integrated Product Teams.

Specific Areas of Expertise:

- ❖ Management
 - Program/Project Management
 - Process Management
 - Team Facilitation
 - Proposal Development
 - Workflow Analysis
 - Training Systems
- ❖ Systems Engineering
 - Requirements Management
 - Process Engineering
 - Modeling, Simulation & Analysis
- ❖ Applied Engineering
 - Control Systems
 - Web & Information Tech
 - Quality Engineering
 - Satellite Communications
- ❖ Physical Sciences
 - Applied Electromagnetism
 - Quantum Systems