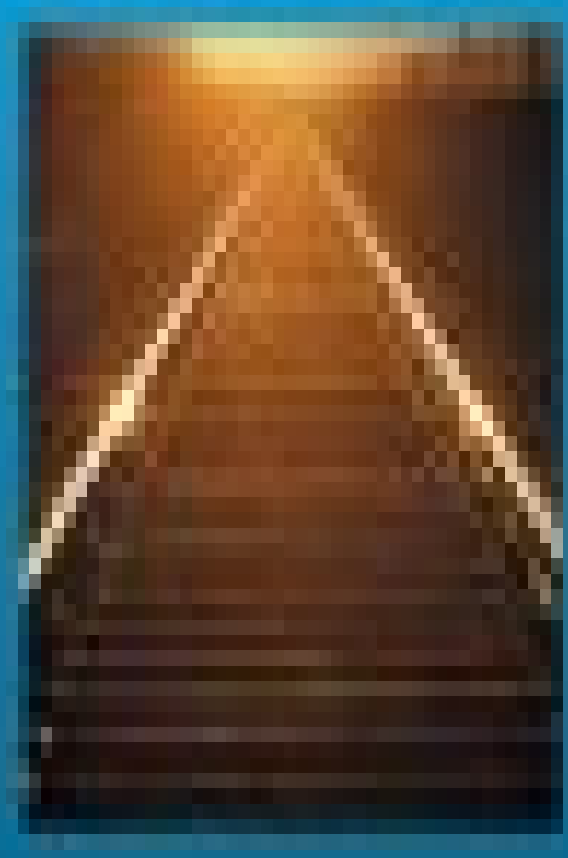
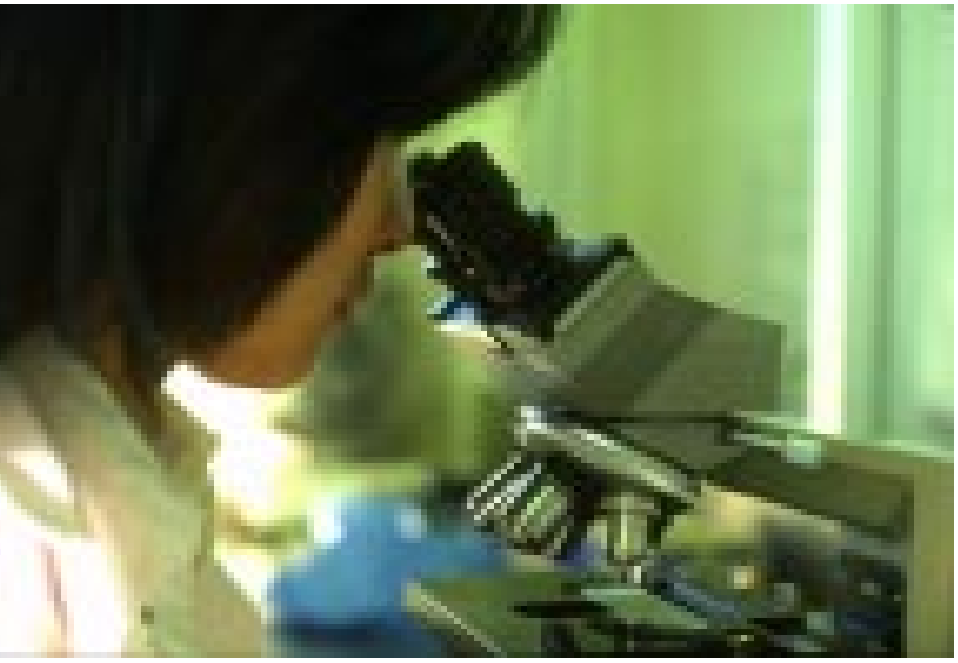
U.S. Army SBIR Commercialization 1998



Introduction

Lightning speed connections are common in this age of instant information exchange and virtual reality technology. However, to ensure growth and achieve success in today's competitive global economy, many businesses need dependable external economic connections—ones that furnish financial support as well as opportunities for commercialization. This is especially true for small businesses. Establishing potent partnerships is critical for small businesses, often plagued by lack of funding and limited marketing opportunities. Over the years, small business contributions have enhanced the nation's defense, protected our environment, advanced health care, and improved man's ability to manage information and manipulate data. Through its Small Business Innovation Research (SBIR) Program, the U.S. Army forges vital links between our soldiers, small businesses, and the marketplace.



Phase I

Is it Feasible?

The Army SBIR Program establishes a powerful connection to small business by providing funding to companies whose innovative research capabilities are identified as possible sources of products or services that meet the technical requirements of our soldiers in the 21st Century.

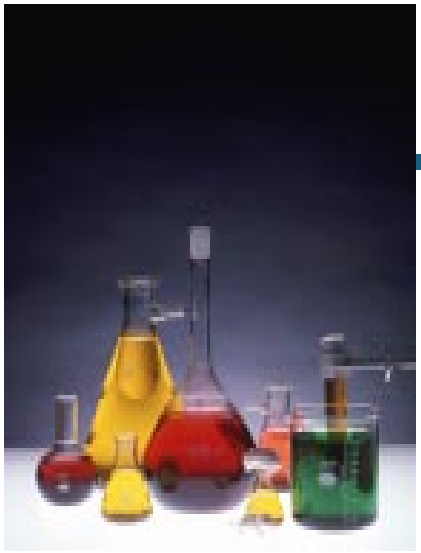
Overview

Phase II

Can we Manufacture it?

The SBIR Program is divided into three distinct yet interconnected phases. In Phase I a contract is awarded for a feasibility study of the concepts proposed by a small high-technology business in response to specific research topics. These topics represent the Army's current and anticipated technology needs. A successful Phase I effort may result in a follow-on Phase II award for research, development, and prototype production. Phase III represents the final link in the complete SBIR effort—the commercialization of products, processes, or services in the open marketplace.

In this brochure, the Army SBIR Program proudly shares with you some of the newest links in its sixteen year chain of success—small businesses that benefited themselves, the Army, and the U.S. national economy.



Phase III

Can we Sell it?

AMAIN ELECTRONICS COMPANY, INC.

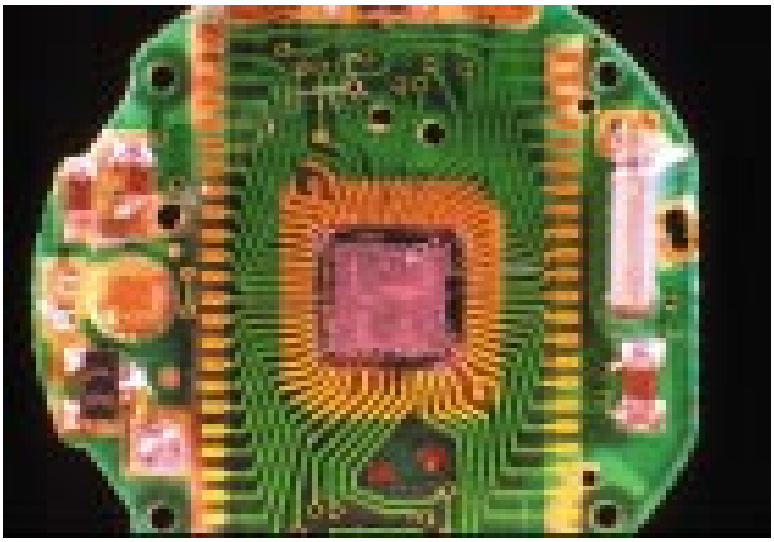
SPONSORED BY THE U.S. ARMY
COMMUNICATIONS-ELECTRONICS COMMAND

New Digital Infrared Sensor "Next Generation Camera"

Amain has developed what is believed to be the smallest analog-to-digital (A/D) converter in the world. This converter uses less power than any other A/D converter ever developed. It is so small that one converter can be placed at each pixel of a high-resolution focal plane array for digitizing the image. Once digitized, the image can be easily transmitted and displayed noise-free.

Amain plans to use this converter in a new video conferencing system. The high quality inherent in this approach is a perfect fit for this application. Stream Vision® is a display technology, with direct digital-to-photon conversion at the display pixel. It eliminates unperceived flicker and noise commonly encountered in today's displays. The technology uses less power, lowers data rates, decreases camera and display costs, and, most importantly, reduces size. Tests confirm the ability to compress data for transmission without loss, or degradation of image quality.

"Amain gives a better image through the application of the latest semiconductor technology to the digital battlefield. The next generation camera has already been developed."



Phase III Impact

- Stream Vision® copyrighted
- First single-chip digital readout on the market
- 50 units / $200,000 in sales to date

1998 Army Phase II Quality Award winner

CHI SYSTEMS, INC.

SPONSORED BY THE U.S. ARMY TANK-AUTOMOTIVE
AND ARMAMENTS COMMAND

Intelligent Minefield Controller Decision Aid

The Intelligent Minefield Controller Decision Aid is designed to allow Army personnel to plan and execute a Wide Area Munitions Minefield operation. It is scaleable to Named Areas of Interest and Targeted Areas of Interest. It also allows rapid simulation of potential friendly and enemy courses of action to determine whether a particular course of action is feasible. The system provides near real-time monitoring and comparison of the current tactical situation versus the tactical plan, and alerts the user to early indicators that the tactical plan may be failing.

"Can our Maneuver Control System do <u>that</u>?"

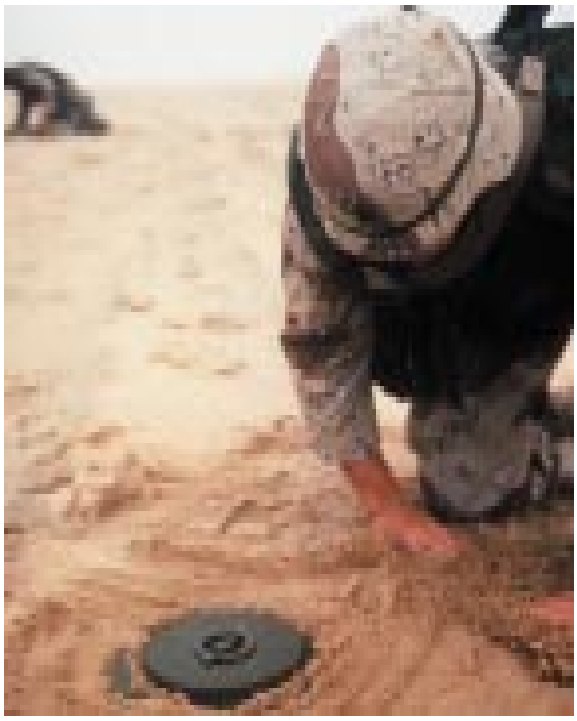
- Chief, Battle Command Battle Lab, Ft. Leavenworth.

"No."

- Project Officer for Maneuver Control System, Ft. Leavenworth.

"We Need This Now."

- Marine Air Ground Task Force (MAGTF)



Phase III Impact:

- Variants sold to BBN Corporation, U.S. Marine Corps MAGTF Staff Training Program Battle Staff Training Facility, and the U.S. Navy's SPAWAR System Support Center
- Total Sales of Decision Aid or Components: Approximately $800K
- Commercial contribution toward Phase III efforts: $50K
- One of the few next-generation Tactical Visualization Systems which can interface to legacy C4I systems
- One of the only systems which can intelligently reason and compare real world events against a tactical plan

ENVIRONMENTAL RESEARCH AND DEVELOPMENT, INC.

SPONSORED BY THE U.S. ARMY CONSTRUCTION ENGINEERING RESEARCH LABORATORY

The Neutral Process

Environmental Research and Development, Inc. (ERAD) developed this industrial wastewater treatment process which degrades organic compounds and removes heavy metals and color from water prior to disposal or recycling. Rapid reaction kinetics eliminates the need for large tanks and Cross-Flow MicroFiltration eliminates the use of additional chemicals. The Neutral Process reduces chemical operating costs and sludge production by 50 to 90 percent. The effluent water can be surface discharged or recycled.

The treatment process allows economical clean-up of metal finishing wastes instead of costly disposal. It also economically removes colors to discharge limits of No Visible Color.

Phase III Impact

- 5 units sold to date for a total of $723,000
- Patent application has been filed
- Primary customers for the units have been the Air Force and the Army
- One unit sold to private industry for $40,000

FARANCE, INC.

SPONSORED BY THE U.S. ARMY
COMMUNICATIONS-ELECTRONICS COMMAND

"Edutool" Learning Made Simple

Farance's Edutool has developed learning technology tools and infrastructure to support student-centered learning. These tools allow students to work individually or in teams, online, on PCs or specialized workstations, synchronous or asynchronous. The main technology components include: authoring tools for dynamic content, web-based delivery, and portable, secure student records–all key components of distance and distributed learning.

Portable and secure student records are key facilitators in distant and Internet education for soldiers as well as for civilians. Because records are transferrable and interoperable, a student can now obtain courses from different publishers and institutions. Learning content is portable to all platforms and the author's work can also be protected via Intellectual Property Rights Management features. The web-delivery feature supports heavy loads (>100,000 students), a variety of delivery methods, management and reporting systems, and team and collaborative tools. Farance/Edutool's technology thus seamlessly integrates existing courseware, workstation, communication, and networking systems.

Phase III Impacts

- $13 million proposal to which the City of Alameda, CA, has offered a $7.15 million cash match
- Participant in National Institute of Standards and Technology (NIST) Advanced Technology Program on Learning Technology
- Instructional Management Systems Project endorsed by the Office of Secretary of Defense's Advanced Distributed Learning Project
- Initiated the Open Education (Op-Ed) Consortium to collaborate with partners
- $2 million cash match on digital library grant proposal pending

HYPRES, INC.

SPONSORED BY THE U.S. ARMY RESEARCH LABORATORY

Setting the Standard for High Voltage Circuits

HYPRES has developed the Josephson Array Voltage Standard System with its unique fabrication process. The system is based on a closed-cycle refrigerator which eliminates the liquid helium requirement to cool Josephson arrays to operating temperatures.

HYPRES' Josephson Array Voltage Standard product line includes 1-volt and 10-volt chips and a complete, computer-controlled system to implement a variety of voltage calibration functions. Military, government, and commercial standards organizations throughout the world currently use solid-state-based (Zener diode) standards to perform voltage calibrations.

HYPRES is now providing its Josephson Array chips to the world market. The closed-cycle refrigerator-based Voltage Standard System has also attracted interest from national laboratories in Poland, the Czech Republic, Egypt, Brazil, Lithuania, Singapore, and the United States.

These products enable a government or commercial laboratory to have an easy-to-use, reliable, advanced intrinsic voltage standard on-site near the components and systems it supports. As a result, the costs of laboratory instrument calibration, maintenance, and overhead are substantially reduced, while at the same time calibration accuracy is significantly improved.

HYPRES is making tomorrow's standards today

Phase III Impact

- Sold to date 24 1-volt chips and 28 10-volt chips for a total of $712,000
- Two liquid helium-based systems sold for a total of $286,750
- Significant company investment in engineering, sales, and marketing activities to enhance and promote products

KIGRE, INC.

SPONSORED BY THE U.S. ARMY RESEARCH LABORATORY

Artillery Laser Igniter

Kigre, Inc. has developed a Laser Ignition System (LIS) for large caliber artillery cannons. The effort is part of a continuing development program to deliver an ignition system for the Crusader 155mm cannon. As the primary igniter for the cannon, the Breech-Mounted Laser ignites the propelling charge to begin the ballistic cycle. Traditionally, 155mm Howitzers use a brass cartridge case containing pyrotechnic material as an igniter. LIS promises to replace the brass cartridge as the primary igniter of the cannon by directly lasing the basepad of the propelling charge.

The elimination of brass cartridges greatly reduces logistical burden and eliminates lead-containing primers, providing long-lasting environmental benefits.

Phase III Impact

- Army customers include ARL, U.S. Army Armaments Research, Development, and Engineering Center, and Benet Labs
- $325,000 in government follow-on contracts
- Rugged solid state laser design
- Variable energy and pulsewidth capability for follow-on innovations

MODUS OPERANDI, INC.

SPONSORED BY THE U.S. ARMY
COMMUNICATIONS-ELECTRONICS COMMAND

Site Planning

SitePlanner™ is a revolutionary software tool that makes it easier, faster, and cheaper to construct conceptual site development plans. SitePlanner™'s capabilities increase the efficiency of engineers, architects, and surveyors, and directly benefit property owners, real estate professionals, developers, and builders.

Using SitePlanner™, a preliminary subdivision plat can be developed in minutes and changed instantly. SitePlanner™ is ideal for defining initial site plans prior to having a fully-detailed set of plans drawn by a civil engineer, thus eliminating the high drafting costs associated with preparing and updating preliminary site plats. Using SitePlanner™ on just one version reduces civil engineering fees more than enough to pay for the SitePlanner™ software.

SitePlanner™ has high potential for numerous military and commercial applications, such as developing conceptual plat designs for military base housing or civilian residential developments.

"The industry's first automated site design tool"

Phase III Impact

- SitePlanner™ trademark granted
- $180,000 in non-DOD contributions
- $80,000 investment from the State of Florida
- $40,000 investment of private funds
- $7,500 in sales to date

ROBOTICS RESEARCH CORPORATION (RRC)

SPONSORED BY THE U.S. ARMY TANK-AUTOMOTIVE
AND ARMAMENTS COMMAND

Robotics Research Corporation (RRC) has assembled a library of robot control software that is now commercially available. The RRC open architecture motion controller (R^2 Control Software™) provides the end-user with a robust set of modular routines that can be selectively implemented and coordinated in a fairly arbitrary manner to produce a customized robot control scheme. Each procedure is adaptable and generic enough to execute on different control hardware platforms and operating systems while supporting virtually any serial chain kinematic configuration. The software package is presently offered with all RRC robotic manipulators and as a stand-alone product.

The combined assets of this advanced control system are key to a broad range of new military and commercial robotic applications, including advanced mechanical assembly and operation in unstructured environments.

"Hot Bots"

Phase III Impact

- $200,000 in sales to Ford Motor Company
- Non-exclusive software licensing agreement with Cybo Robots with anticipated revenue of $6M over the next five years

SONEX ENTERPRISES, INC.

SPONSORED BY THE U.S. ARMY
COMMUNICATIONS-ELECTRONICS COMMAND

Intelligent Agent Toolkit

SONEX Enterprises recognizes that the future of Command and Control and existing systems depends on rules-based information distribution systems. The greatest advantage expected from the use of these technologies is optimizing the flow of critical information in a network. Assuring that the right information is distributed to the right network node is critical, particularly in situations where the information “pipeline” is constrained.

The Intelligent Agent Definition Toolkit (IADToolkit) provides developers and maintainers of rules-based information systems with an automated tool to rapidly create, modify, and validate system rules. Using an intuitive graphical interface, the system helps reduce the complexity associated with the development and maintenance of rules providing new potential for this promising technology.

Potential applications exist in areas such as the Internet, financial systems, telecommunications, law enforcement, defense systems, and business/workflow systems.

Phase III Impact

- Trademark pending
- Major interest in the Army Tactical Command and Control System Architecture by MITRE Corporation
- $8 million in projected annual sales by 2002

SRS TECHNOLOGIES

SPONSORED BY THE U.S. ARMY AVIATION AND MISSILE COMMAND

Graphical Engine Cycle Analysis Tool

The Graphical Engine Cycle Analysis Tool (GECAT™) is a user-friendly software analysis tool for Windows 95® and Windows NT® that assists engineers, educators and students in performing air breathing propulsion cycle design and analysis. It incorporates the NASA Engine Performance Program into a graphical drag-and-drop interface which allows the user to interactively configure engine cycles.

GECAT™ greatly facilitates the complex job of developing and analyzing air breathing propulsion engines. GECAT™ provides default engine cycle templates (turboprop, turboshaft, turbofan, turbojet, ramjet, etc.) to use as starting places for designing a new engine cycle. The user can perform design and case studies to rapidly configure and manipulate cycle characteristics to explore a myriad of operating conditions. GECAT™ provides 2-D and 3-D graphs to display cycle analysis results.

Phase III Impact

- $6,300 in total sales to date
- GECAT™ trademark established
- GECAT™ customers: Army, Air Force, Navy, Boeing, D&E Propulsion and Power Systems, and educational institutions

TECHNOVATION

SPONSORED BY THE U.S. ARMY SOLDIER, BIOLOGICAL AND CHEMICAL COMMAND

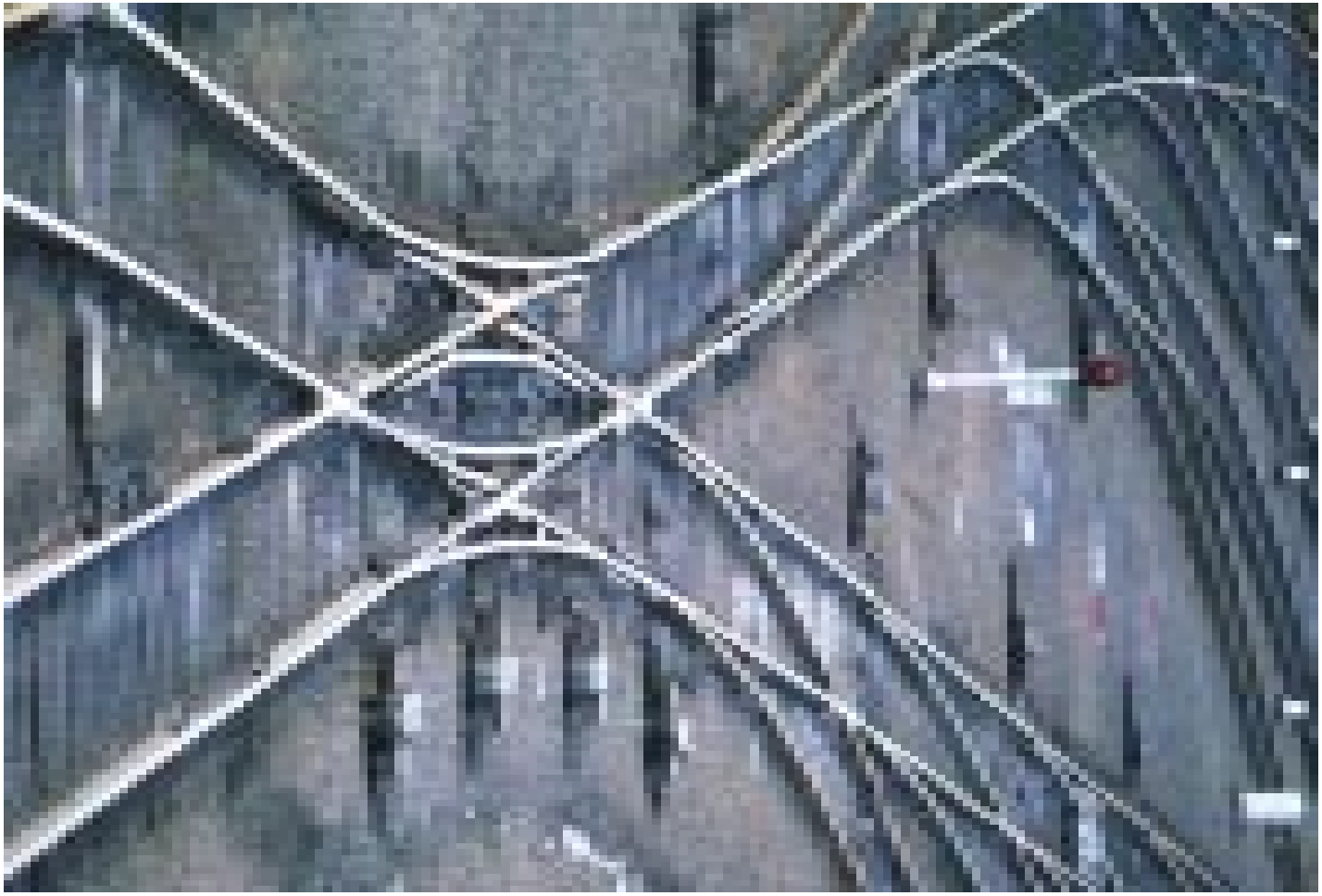
Enhanced Filtration

Technovation has been recognized as a leader in innovative contamination control technology. Its Electrically Enhanced Filtration (EEF) system is a safe and highly reliable technology that increases filter performance by a factor of 100 to 1,000 and continually kills bacteria by means of ionizing radiation. This system has applications in cleanroom operation; nuclear, biological, and chemical warfare protection systems; mini-environments; barrier isolation; as well as industrial, residential, and commercial indoor air quality control.

Technovation markets a line of electrically enhanced HEPA filters. These filters are highly efficient, compact, easy to install, and connect directly to conventional air conditioning units.

Phase III Impact

- 20 clean room installations with approximately 40 filter units
- Over $750,000 in sales and licensing fees
- An established HVAC equipment manufacturer licensed for U.S. and Canadian residential indoor air cleaning markets
- Customers include Bayer, Mine Safety and Health Administration, and Schwartz-Pharma
- Winner of 1997 R&D 100 Award
- 1996 Micro Product All Star
- 1995 NASA Technology 2005 SBIR Award Winner



Connections

The U.S. Army

Small Business

Technology Transfer

(STTR) Program

http://www.aro.army.mil/arowash/rt/sttr.htm

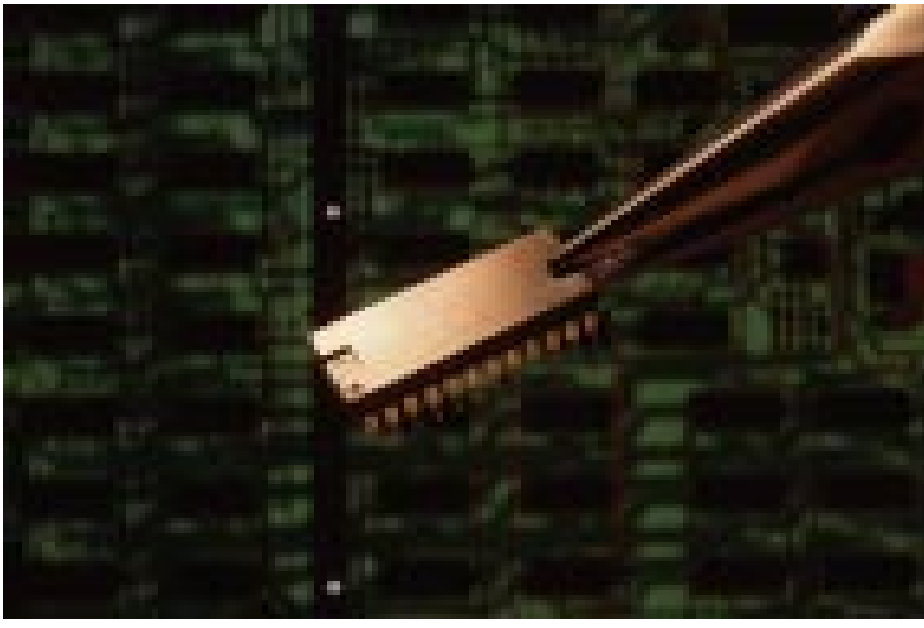
The STTR Connection

Established in FY94 as a three-year pilot program and complement to the SBIR Program, the STTR Program is a competitive three-phased program, mandated by the Small Business Research and Development Enhancement Act of 1992, PL102-564. Based on 1996 General Accounting Office (GAO) review findings, Congress voted to reauthorize the STTR Program until the year 2001. Because of the strong focus on academia and other non-profit research institutions, the Army Research Office is the lead execution agent for the STTR Program.

Although the STTR Program is executed in essentially the same manner as the SBIR Program, there are a few distinct differences. STTR has the same objectives as SBIR regarding the involvement of small businesses in federal R&D and the commercialization of their innovative technologies; however, STTR includes participation by universities, federally-funded research and development centers (FFRDCs), and other non-profit research institutions. Specifically, the STTR Program is designed to provide an incentive for small companies and researchers at academic/non-profit research institutions to collaborate in

efforts to move emerging technical ideas from the laboratory to the marketplace, foster high-tech economic development, and advance U.S. economic competitiveness.

STTR moves through a three-phase process like SBIR, but the STTR Phase I effort can be up to one year in length (vs. 6 months in SBIR) and for up to $100,000. Phase II STTR projects are two-year efforts for up to $500,000 (vs. $750,000 in SBIR). It should be noted that the Army STTR Program expects that Phase I efforts be six-month, $100,000 efforts. Subject to the availability of funds, DoD Components support high-quality cooperative research and development proposals of innovative concepts that could solve defense-related scientific or engineering problems, with emphasis on those concepts that also have high potential for commercialization in the private sector.



The Internet Connection

http://www.aro.army.mil/arowash/rt/sbir.htm

The Army SBIR Program uses its Internet web site (http://www.aro.army.mil/arowash/rt/sbir.htm) to provide on-line access to comprehensive program information. This is one of several resources that prospective small businesses can use to establish a connection with the Army SBIR Program.

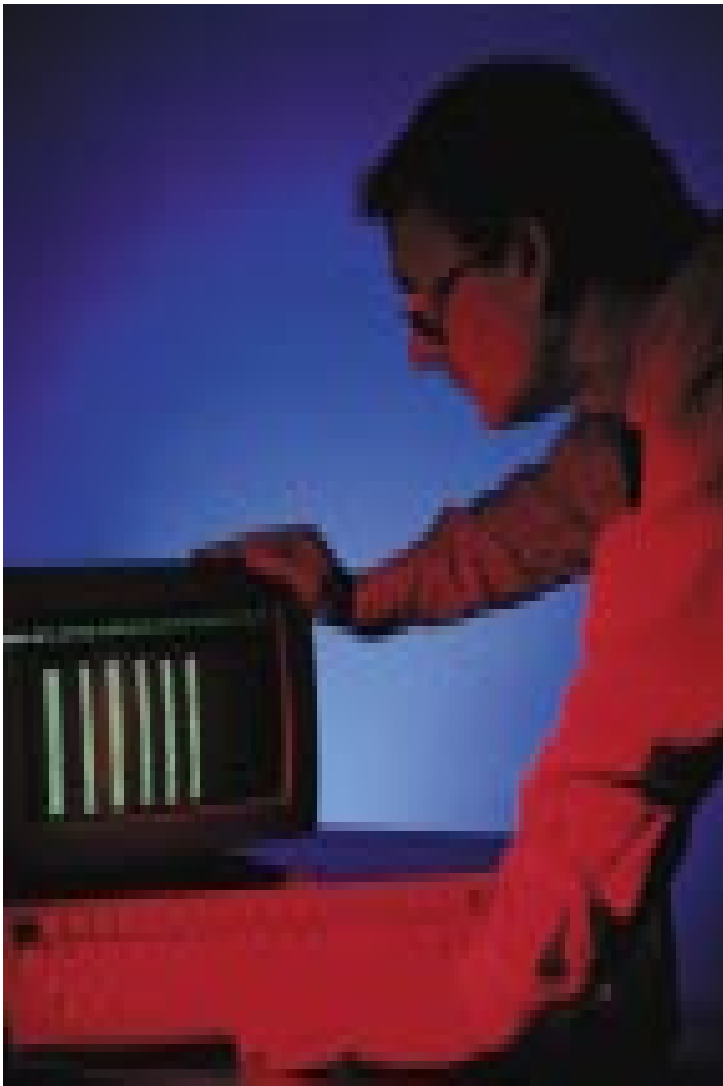
The website is maintained by the U.S. Army Research Office-Washington, the organization responsible for executing SBIR and other industrial programs across the U.S. Army. The site features a brief description of the SBIR Program, detailed information on the SBIR process, and general information on current Army solicitation topics. A hyperlink to the Department of Defense (DoD) web site (http://www.acq.osd.mil/sadbu/sbir/) is also available. The web site includes information about the entire DoD SBIR Program as well as a listing of all current DoD component SBIR solicitations, including active Army solicitations. Also included is a list of SBIR Points of Contact with their agencies, telephone numbers and email addresses. Users can access this address book to contact SBIR representatives directly.

The Army web site also provides an up-to-date calendar of conferences in which Army SBIR representatives will participate during the calendar year. Conferences—whether large or small—usually provide opportunities for small business attendees to meet one-on-one with individuals who can answer questions about the SBIR program and its Army-specific requirements. The “Conference Schedule” web page contains a calendar with hyperlinks to each month’s conference schedule (as available).

The web site includes hyperlinks to information on Phase I and Phase II selections. Names of selectees and their proposal titles are included on the web site. Those companies selected to receive Operating and Support Cost Reduction Initiative (OSCR) related awards are also highlighted. The Army SBIR Program also includes lists of all Phase II Quality Award winners from current and past years.

To assist interested offerors, a Solicitation Pre-Release process has been implemented for both the SBIR and STTR programs. During the pre-release, businesses may ask detailed technical questions about specific Army topics for approximately six weeks prior to the official release of the DoD SBIR or STTR Solicitation and can be accessed through the DoD SBIR web site.

After the pre-release period closes, answers to topic-related questions can be obtained through an anonymous open forum called the SBIR Interactive Topic Information System (SITIS). This system allows the posting of questions about specific topics via the Internet. Questions and their answers are then posted subsequently at the same site to allow all potential offerors to view them. SITIS can be accessed through the Defense Technical Information Center (DTIC) MATRIS Web Site (http://dticam.dtic.mil/sbir/).



The Conference Connection

Throughout the year, the Army SBIR Program offers opportunities for personal connections between its employees and small business representatives via participation in a number of national and regional conferences, workshops, and other meetings. Most meetings—ranging from large National SBIR Conferences to small, less formal local or regional workshops—provide forums for attendees to meet one-on-one with individuals who can answer specific questions and provide detailed information about the program and Army-specific requirements. The conferences are held at a variety of locations throughout the country. A calendar of conferences is posted on the Army SBIR web site.

http://www.aro.army.mil/arowash/rt/actii.htm

The Soldier Connection

The Advanced Concepts and Technology II (ACT II) Program allows the Army to experiment with mature technologies that, if successful and compelling, may be selected for expedited acquisition or additional Army R&D funding. ACT II funds one-year projects, up to a maximum of $1.5M, for demonstration to one of the Army's Battle Laboratories.

ACT II minimizes industry's proposal preparation burden by soliciting two-page concept papers describing a technology or product. The highest-rated concepts are invited to submit 25-page technical proposals for further evaluation and funding decisions.

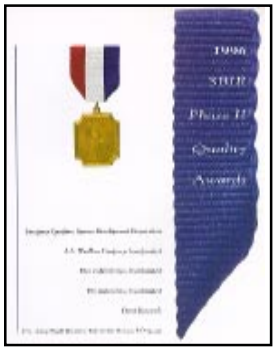
While ACT II is highly competitive and open to all businesses and academia, small businesses have thrived in the program - winning over 20% of awards to date. This performance underscores the Army's committment to small businesses and their innovative contributions to our soldiers.

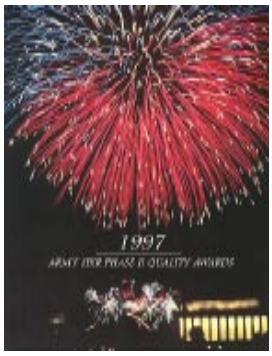
The Excellence Connection

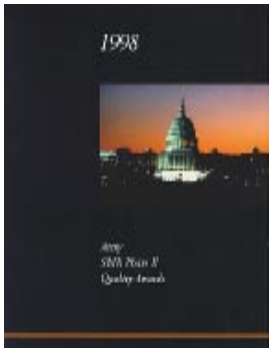
Annually, the Deputy Assistant Secretary of the Army for Research and Technology sponsors the Army SBIR Phase II Quality Awards, which recognize five exceptional SBIR Phase II (Research and Development Phase) efforts. These are the five projects that best exemplify the SBIR goal of bringing innovative technologies and products to the marketplace. The competition is open to all Army SBIR Phase II companies whose projects conclude in a given fiscal year. Award winners are selected based on the originality and innovation of research; relevance of the research to the Army mission; and immediate commercialization potential of the research.

The Army Research Office–Washington is responsible for executing the awards program. The awards are presented to the SBIR companies as well as their sponsoring Army organizations. These outstanding Phase II projects also receive recognition in an SBIR Phase II Quality Award Winners Pamphlet, which is distributed at all conferences and other meetings in which the SBIR Program participates. These pamphlets provide further visibility and potential marketing opportunities for the award winners within the Army and DOD communities as well as in the private sector.

This year's winners are listed below.







1998 Winners

Amain Electronics Company, Inc.
Two Color Per Pixel Digital Readout Staring Focal Plane Array
Sponsored by: The U.S. Army Communications-Electronics Command

Analytic Power Corporation
Extremely Lightweight Fuel Cell Stacks
Sponsored by: The U.S. Army Research Laboratory

Lynntech, Inc.
Man Portable System Based on Lightweight Monopolar Fuel Cells
Sponsored by: The U.S. Army Research Laboratory

Physical Optics Corporation
Highly Robust Self-Correcting Fuzzy Controlled Neural Network for Sensor Fusion
Sponsored by: The U.S. Army Aviation and Missile Command

Vexcel Corporation
Automated Feature-Based Interferometric SAR Rapid Map Generation System
Sponsored by: The U.S. Army Corps of Engineers, Topographic Engineering Center

PAST QUALITY AWARD WINNERS

1997 Quality Award Winners

Daniel H. Wagner Associates, Inc.
Computer Security Using Automated Speech Identification
Sponsored by: U.S. Army Tank-automotive and Armaments Command

Focused Energy Holding Co.
Guided Landing of Unmanned Aerial Vehicles
Sponsored by: U.S. Army Aviation and Missile Command

InnovaTech, Inc.
Advanced Engine Protection
Sponsored by: U.S. Army Aviation and Missile Command

Materials Resources, Inc. (MRI)
Wear Resistant Coatings
Sponsored by: U.S. Army Tank-automotive and Armaments Command

TDA Research, Inc.
Self-Heating Foods
Sponsored by: U.S. Army Soldier Systems Command

1996 Quality Award Winners

Computer Graphics System Development Corporation
Texture True
Sponsored by: U.S. Army Topographic Engineering Center

J.A. Woollam Company, Incorporated
Precision Monitoring
Sponsored by: U.S. Army Communications-Electronics Command

Electrokinetics, Incorporated
Green Dirt
Sponsored by: U.S. Army Waterways Experiment Station

Dive Laboratories, Incorporated
Virtual Infantry
Sponsored by: U.S. Army Simulation, Training, and Instrumentation Command

Point Research Corporation
Point and Navigate
Sponsored by: U.S. Army Topographic Engineering Center

1995 Quality Award Winners

Intelligent Text Processing, Inc.
Virtual Intelligence Software
Sponsored by: U.S. Army Research Laboratory

S-TRON
Soldier's Personal Adaptive Monitor
Sponsored by: U.S. Army Communications-Electronics Command

Integrated Optical Circuit Consultants
Optical Integrated Circuit
Sponsored by: U.S. Army Aviation and Missile Command

Powdered Materials Applications, Inc.
Universal Joint
Sponsored by: U.S. Army Tank-automotive and Armaments Command

Surfaces Research
High Temperature Diesel Tribology System
Sponsored by: U.S. Army Tank-automotive and Armaments Command

1994 Quality Award Winners

Analytic Power Corporation
Mobile Electric Power
Sponsored by: U.S. Army Soldier Systems Command

Elatech, Inc.
Military Disease Hazards
Sponsored by: U.S. Army Medical Research and Materiel Command

Iterated Systems, Inc.
Fractal Image Compressions
Sponsored by: U.S. Army Research Laboratory

Ralcon Corporation
Catface Stereo HMD
Sponsored by: U.S. Army Research Laboratory

Yankee Scientific, Inc.
Diesel Fueled Refrigerator
Sponsored by: U.S. Army Soldier Systems Command

1998 Accomplishments Roster

To obtain more information about the products or services of the companies featured in this brochure, please contact them directly.

Amain Electronics Company, Inc.
1875 Angus Avenue
Suite C
Simi Valley, CA 93063

POC: David McGreenery
805-577-0583
805-577-0548 (fax)
corporate@amain.com
www.amain.com

CHI Systems, Inc.
716 N. Bethlehem Pike
Suite 300
Lower Gwynedd, PA 19002

POC: Brian Convery
215-542-1400 ext. 102
215-542-1412 (fax)
brian_convery@chiinc.com
www.chiinc.com

Environmental Research and Development, Inc. (ERAD)
460 West 15th Street
Idaho Falls, ID 83402

POC: Dan Suciu, President
208-522-7119
208-523-7355 (fax)
erad@srv.net

Farance Inc.
555 Main Street
New York, NY 10044-0150

POC: Frank Farance
212-486-4700
212-759-1605 (fax)
frank@farance.com
www.farance.com
www.edutool.com

HYPRES, Inc.
175 Clearbrook Road
Elmsford, NY 10523

POC: John Coughlin
914-592-1190 ext. 7811
914-347-2239 (fax)
johnc@hypres.com
www.hypres.com

Kigre, Inc.
100 Marshland Road
Hilton Head Island, SC 29926

POC: Mike Myers
843-681-5800
843-681-4559 (fax)
kigre@aol.com, kigre@compuserve.com,
kigre@rhsnet.com
www.kigre.com

1998 Accomplishments Roster

Modus Operandi, Inc.
122 Fourth Avenue
Indialantic, FL 32903

POC: Dave Landers, Corporate Communications
407-984-3370
407-728-3957 (fax)
dlanders@modusoperandi.com
www.modusoperandi.com

Robotics Research Corporation (RRC)
P.O. Box 62298
Cincinnati, OH 45262-0298

POC: Paul Eismann
513-831-9570
513-733-5604 (fax)
peismann@aol.com

SONEX Enterprises, Inc.
9990 Lee Highway, Suite 500
Fairfax, VA 22030

POC: Michael J. Xenos, President or
Paul Aronhime, Vice-President
703-691-8122
703-691-8125 (fax)
michael.xenos@sonexent.com
paul.aronhime@sonexent.com
www.sonexent.com

SRS Technologies
Cummings Research Park West
500 Discovery Drive N.W.
Huntsville, AL 35806

POC: Russell Yokley
256-971-7000
256-971-7067 (fax)
gecat@stg.srs.com
www.srs.com

Technovation
13511 East Boundary Road, Suite D/E
Midlothian, VA 23112-3941

POC: Raj Jaisinghani, President
804-744-0604
804-744-0677 (fax)
technova@sprynet.com
http://home.sprynet.com/sprynet/technova

U.S. Army Research Office

ATTN: AMXRO-W (Room 8N31)

5001 Eisenhower Avenue

Alexandria, Virginia 22333-0001

(703) 617-7425

(703) 617-8274 Fax

www.aro.army.mil/arowash/rt/sbir.htm