

Tech Affiliates



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Tech Affiliates - Overview

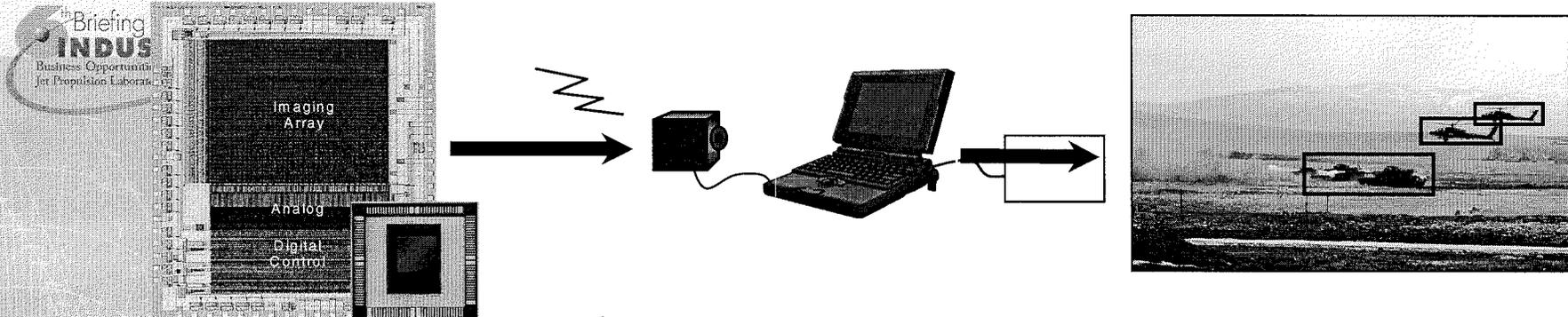
- A JPL program set up to help U.S. businesses
 - utilize JPL expertise to solve company problems
 - utilize unique JPL facilities
 - support transfer of JPL developed technology
- Designed to increase competitiveness for U.S. businesses

Tech Affiliates - Arrangements

- Company funded
- Cost reimbursable blanket agreement
- Initial investment: \$25K or more for
 - * Quick investigations
 - * Research Tasks
 - * Use of unique facilities
- Tasks utilize special JPL expertise and capabilities

Example Project

Reconfigurable Multi-Resolution Imager System



Description

- Multi-Windowed Visible Camera System with Variable Resolution
- Reduced Video Bandwidth for Surveillance and Targeting Applications

NASA Technology Benefits

- Lower Bandwidth Imaging Applications
- Improved Star Tracker Opportunities

Tech Transfer Benefits

- New Product Line for Sponsor
- Transfer Enabled Future Partnerships with Major Systems Houses

JPL's Role

- Based on JPL's CMOS Active Pixel Sensor "Camera-on-a-Chip"

Past/Present Tech Affiliates Members



Abbott Laboratories
Advanced Silicon Materials
AAE Systems*
AEC-Able*
AFES (Alternate Fluorocarbons)
Alfred E. Mann Foundation
Allen Osbourne Associates
Alliant Techsystems, Inc.
American Digital Imaging, Inc.
American Mobile Satellite Corporation
Amerigon, Inc.
Ametek
Analysis Consultants
Apple Computer
Applied Solar Energy (Tecstar, Inc.)
Astro Terra Corp.
B.F. Goodrich
Ball Aerospace
Ball Corporation
Barnes Engineering Co.
Boeing Computer Services
Boeing North American Rocketdyne Division*
Bournes, Inc.
Breault Research Organization, Inc.
C. Visions
California Construction Consortium
Caremark International
Comsat Mobile Communications
Create, Inc.
Datatape, Inc.
Displaymor Manufacturing
Dow Key Microwave, Inc.
DTI Energy, Inc. (Formerly DCT/Detroit Center Tool)
Dubbs & Severino
E Systems ECI Division
E-Lite Limited
Eaton Corporation
EG&G Reticon
Engelhard Sensor Technology*
Equity Plus Investments Inc.
Far West Regional Transfer Center
FMC Corporation
Ford Motor Car Company
Gencorp Aerojet (Aerojet)
General Research, Inc.
Global Visions
Hamilton Standard
HPM Stadco*
Hughes Aircraft Corporation
Hughes Missiles Systems*
Hughes Radar & Communications*
In-Situ, Inc.
Integ, Inc.
Intergraph, Inc.
International Telephone & Telegraph Corp.
Kraft General Foods
KVH, Inc.

Past/Present Tech Affiliates Members



Leo One Corp.
Leybold-Inficon, Inc.*
Litton Systems, Inc. (Aero Products Division)
Lockheed/Martin
Lockheed Missile & Space Co.
Loral Federal Systems Company
MKS*
Manville Sales Corp.
Marlow Industries, Inc.
Martin Marietta Corporation (Astro Space)
McDonnell Douglas
Methyl Bromide Global Coalition
Mission Research Corporation*
Mission Technology Corporation*
National Center for Manufacturing Sciences
National Geographic TV
National Semiconductor
NAVSYS Corp.
Northrop Corporation
Omaha Steaks Corp.
Opti Comp Corp.
Opto Knowledge Systems, inc.
Orbital Sciences Corp.
Pacific Scientific
Pargain Technologies, Inc.
~~Perkin-Elmer Corp.~~
Perot Systems Corp.
Photobit
Physical Sciences, Inc.

Polatomic, Inc.
Printrak International
Programmed Composites, Inc.
Pulson Communications
Qualcomm Incorporated
Qualcomm Systems (SSL/Space Systems Loral)
Research Institute for the Management of Technology
Rockwell International (Avionics)
Rohm and Haas Company
Schlumberger Industries
Shiley Heart Valve Research Center
Southern California Gas Company
Space Computers Corp.
Space Electronics, Inc.*
Space Systems/Loral*
Stanford Telecommunications, inc.
Sundstrand Corp.
Sun Maid Growers of California
SunPower Inc.*
Sy Technology, Inc.
Technology International, Inc.*
Teledesic Corporation (Calling Corp.)
Thiokol Elkton Division
Three M Company (3M)
TRW, Inc.
Ultra Corporation
Vitesse Semiconductor Corp.*
Walt Disney Imagingeering (WDI)