

# Technology Transfer and Economic Development

- ◆ Performed by SAI Syracuse University sister organization:

*NY State Center for Advanced Technology in Computer Applications and Software Engineering (CASE Center)*

- ◆ Economic Development Mission
- ◆ Strong History of Technology Transfer

<http://case.syr.edu>

# CASE Center Mission



- CASE contributes to NY State's high-tech economy through applied research projects with private sector companies and business incubation within a broad Information Technology sphere. Successful performance is measured in terms of a very relevant set of economic development metrics provided by CASE's private sector clients.
- Syracuse University's Center for Science and Technology was built with \$32 million of NY State funds based on economic development impact and mission of CASE.

<http://case.syr.edu>

# The CASE Center <http://case.syr.edu>

- ◆ One of 15 NY State Centers for Advanced Technology (CATs)
  - Annual \$1 million from NY State & approximately \$1.3 million in matching sponsor support from companies
- ◆ One of 5 Enhanced Centers for Advanced Technology (E-CATs)
  - \$2.1 million from NY State over two years
- ◆ 19-year successful track record of Technology Transfer
  - 11,000 square foot incubator for high-tech start-ups
  - Applied research projects in Information Technologies
    - ◆ Distributed systems, wireless technologies, molecular computing, information assurance, SAID technologies
  - Industry education: Advanced Course in Engineering
  - Economic development through regional partnerships

# CASE SAID (Sense, Analyze, Interpret, Decide) Technologies Program

Developing research,  
products, and businesses  
based on Central NY  
signature strengths

\*  
Syracuse U., GE, Sensis,  
Lockheed/Martin, Anaren

\*  
Rome: Air Force  
Research Lab,  
Utica College,  
SUNY IT

\*  
SUNY Binghamton,  
Cornell, IBM

NY State funding to spur economic development with SAID technology

- Utilize research expertise in sensor technologies and computer-based decision support systems
- Product development using *integrated product teams* combining industry and SU staff

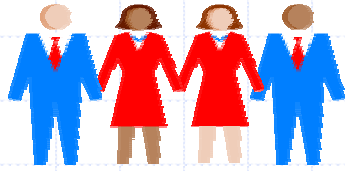
- Utica/Rome: Air Force Research Lab
  - \$ billions in defense research
- Some CNY Companies doing SAID projects:
  - Sensis, Welch-Allyn, Wetstone Technologies, ShoreGroup
- Many applications:
  - Radars, medical devices, electronic commerce, network security, information management, many more

# CASE Incubator

- ◆ **Purpose:** to nurture start-up or young technology companies to become positioned for growth and qualified for capital investment
- ◆ **Features:**
  - Flexible lease; furnished office & lab space with support facilities
  - Information infrastructure, networking, & internet support
  - Syracuse University faculty, student, and support program access
  - Assistance with external resources such as funding, legal, and business support
- ◆ **Tenant Selection & Evaluation:**
  - Admission based upon Business Plan Evaluation
  - Ongoing assessment and assistance based upon established objectives and milestones
- ◆ **Graduates:** Coherent Networks, Syracuse Language Systems, Jencourt, TextWise, ASAP Computer Systems

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# CASE Center Impact in NY 1997 – 2002



**544** new jobs created

**255** jobs retained

**\$36,092,644** new revenue

**\$9,975,500** cost savings

**\$15,209,250** Financing Acquired

**\$4,788,630** Capital Expenditures

Totals are subject to NYSTAR review of 2002 Numbers

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