

# Welcome

---

## The Office of Law Enforcement Technology Commercialization



*Office of Law Enforcement Technology Commercialization  
A Program of the National Institute of Justice*

# Mission

---

Develop and deploy an active, broad-based, national program to assist in the commercialization of innovative technology for use by the law enforcement and corrections (LEC) community



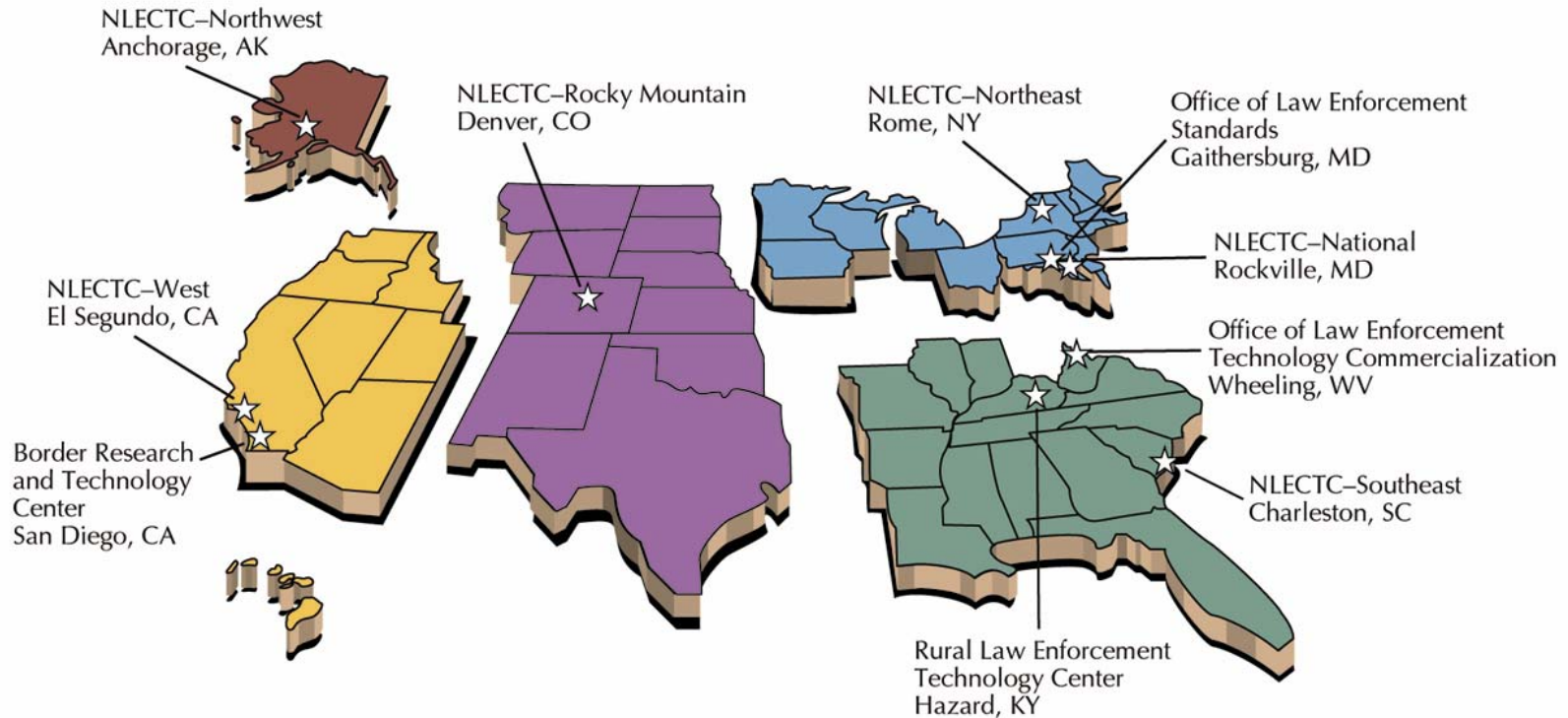
# OLETC

---

- Established by the U.S. Dept. of Justice.
- Program of the National Institute of Justice, Office of Science & Technology.
- Part of the NIJ-NLECTC Center System.
- National program.
- Located in Wheeling, WV.



# National Law Enforcement and Corrections Technology Centers



*Office of Law Enforcement Technology Commercialization  
A Program of the National Institute of Justice*

# Annual Events

---

## **Mock Prison Riot.**

- ✓ April, 2004
- ✓ Moundsville, WV

## **Commercialization Planning Workshops.**

- ✓ Three annually



# Commercialization Planning Workshop

---

- 12 Technologists
- 9 Consultants
- 5 Days
  - Charlotte, NC or Albuquerque, NM
- Value of \$9,500
- No Cost



# Client Services

---

- Product assessment
- Market research
- IP evaluation
- Application analysis
- Competitive analysis
- Capital formation
- Field demonstration
- Licensing
- Showcasing
- Commercialization planning
- Project management
- Strategic partnering
- FedBizOpps



# Alliances

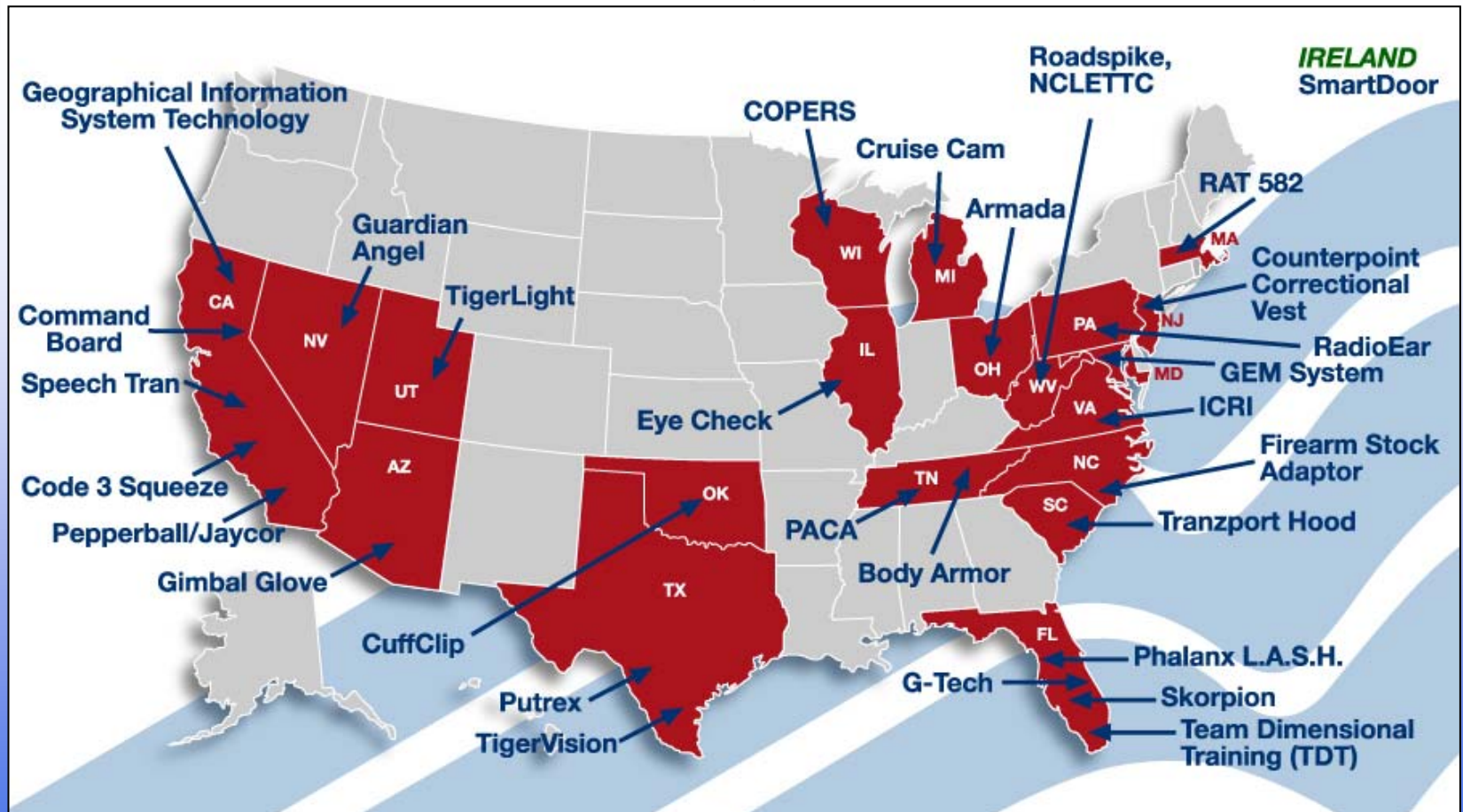
---

- Technologists
- Inventors
- Entrepreneurs
- Manufacturers
- Law enforcement & corrections
- NIJ Centers
- National laboratories
- R&D companies
- Venture capital
- Colleges & universities
- Military
- Public Safety



# Commercialization Successes

*Listed by state*



*Office of Law Enforcement Technology Commercialization  
A Program of the National Institute of Justice*

# LECTAC Priorities

---

- Concealed Weapons Detection
- Contraband Detection
- Crime Mapping
- DNA Testing
- Domestic Counterterrorism
- Information Management
- L-T-L Incapacitation
- Location & Tracking
- Non-invasive Drug Detection
- Officer Protection
- Secure Communications
- Vehicle Stopping



# Priorities

---

Examples of  
LEC technologies and  
areas of interest



# Concealed Weapons Detection

---

- Portal / handheld / vehicle mounted
- Millimeter wave imaging radar
- Ultra wideband radar
- Electromagnetic resonance
- Body cavity screening



# Contraband Detection

---

- Handheld / portal units
- Weapons
- Drugs
- Tobacco
- Currency
- Human presence



# Crime Mapping

---

- GIS/GPS technologies for corrections
- GIS/GPS technologies for crime mapping
- Gunshot incident mapping
- Crime Mapping and Analysis Program
- Geo-spatial software
- Geographical profiling



# DNA Testing & DNA Lab Improvement

---

- Crime scene simulation
- Microchip technology
- Mass spectrometry
- Field laptop analysis
- Nano technology



# Domestic Counterterrorism

---

- Domestic intelligence
- Threats to economic infrastructure
- Biological/chemical countermeasures
- Explosive countermeasures
- Physical security countermeasures
- Human presence detection



# Information Management

---

- Biometrics
- Resource material
- Guidelines
- Training material
- Distributive learning
- JUSTNET



# L-T-L Incapacitation

---

- Appropriate for use on aircraft
- Distraction devices
- Chemical incapacitates sensory
- Electrical stun devices
- Kinetic energy impact munitions



# Location & Tracking

---

- Vital signs alert monitor
- Corrections staff locator system
- Inmate locator system
- Inmate work crews
- Electronic monitor for community corrections



# Noninvasive Drug Detection

---

- Sweat / surface contact
- Saliva
- Hair analysis
- Eye dynamics
- Aerosol sprays
- Ion mobility spectrometry



# Officer Protection

---

- Protective gloves
- Smart Gun project
- Sniper detection
- Chemical / biological agent protection
- School safety
- Language translation



# Secure Communications

---

- Interoperability
- Support NPSTC
- AGILE project
- Software radio
- Audio surveillance
- Multi-band antenna



# Vehicle Stopping

---

- Tire deflation devices
- Mechanical immobilization (entanglement)
- Electromagnetic
  - Electrostatic
  - Radiated energy
- Pursuit Incident Database



# Summary

---

If you meet our screening criteria, OLETC services are available at no cost.



# Contact Us

---

## OLETC

2001 Main Street, Suite 500

Wheeling, WV 26003

888.306.5382

[www.oletc.org](http://www.oletc.org)

Jerry Bortman

Phone: 724-942-4963

Email: [ejassociat@bigplanet.com](mailto:ejassociat@bigplanet.com)

