TWS: Through the Wall
Surveillance Field Testing
RadarVision 1000
- Prototype
- Early concept demos
- Range only

RadarVision 2000
- Prototype
- Fully functional 2-D Tracking

SoldierVision 2000
- 1st Generation Product
- Light and rugged
- Sold in US and abroad
RadarVision2®

Basic Specifications
• 1.0 to 3.5 GHz coded wideband pulses
• Range 30 feet, 50 microwatts
• 9.5 pounds, approx. 20”x14”x7”
• 3 hours continuous operating time
• Real-time depiction of direction and distance to the motion contact.
• Will not penetrate metal
Field Testing – RadarVision2®
Field Testing – RadarVision²®

- Siding over wood frame
- Steel reinforced concrete
- Concrete block
- Rock over concrete block
- Brick over wood frame
- Brick over concrete block
Modifications – RadarVision2®
Modifications – RadarVision2®
Applications - RadarVision2®
Acoustic / Radar
magnetic sensor technology
Sanders Division

Radar

Space & Airborne Systems

DARPA

Institute of Technology

Raytheon

NIJ
National Institute of Justice

The International Society for Optical Engineering

TIME DOMAIN

U.S. Army Research, Development and Engineering Command (RDECOM)
Communications and Electronics Research, Development and Engineering Center (CERDEC) Night Vision and Electronic Sensors Directorate (NVESD)

Syracuse Research Corporation

Science Applications International Corporation

SAIC

Oceanit Laboratories

L3 communications

JACOR, Acoustic

SAIC

Space & Airborne Systems

Lockheed Martin

Sanders Division

BAE SYSTEMS

Oceanit Laboratories

Acoustic / Radar

Acoustic / Radar

Acoustic / Radar
National Law Enforcement & Corrections Technology Center - Northeast Region