

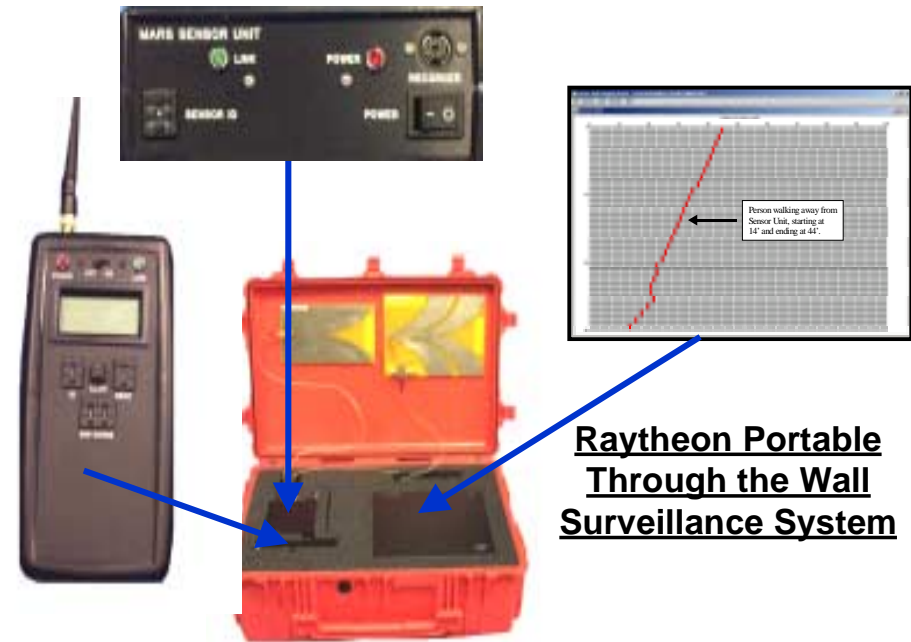
# Personnel Location

## Through The Wall Surveillance (TWS)

- Initial focus on detection and tracking
  - ⇒ Raytheon portable, radar-based system
    - Prototypes to be delivered in 2002
  - ⇒ GTRI handheld, radar-based
    - Prototype demoed with LEAs in '00
    - Commercialization efforts underway
- Efforts initiated in FY00 focus on:
  - ⇒ Mapping internal structure of buildings
  - ⇒ Locating individuals through metal walls
  - ⇒ Weapons detection and individual ID
- Working w TSWG, US Marine Corps and Army
- Discussions with FEMA and Fire Service

### Incident Response

- Assess technology to locate individuals in urban disasters
  - ⇒ Pursue technology development if warranted



**Raytheon Portable Through the Wall Surveillance System**

**2nd Generation GTRI "Radar Flashlight"**

