



# Technology Transition

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Combating Terrorism Technology Support  
Office

Technical Support Working Group

ABPI 2004 Presentation

*Technical Support Working Group - Technology Transition Program*



# Technology Transition

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- Objective: Affordable Operationally Suitable Technology in the Hands of our users.
- Planning is an integral part of R&D process
  - Starts with the proposal
  - Continues throughout development
  - Requires Periodic Deliverables
- Prepares for the unexpected
- Planning Assistance provided by CTTSO
- Accelerates prototype to product



# Our Customers

- **Military Services**
- **Federal Agencies**
- **State and Local**
  - Emergency Responders
  - Public Safety





# Our Customers

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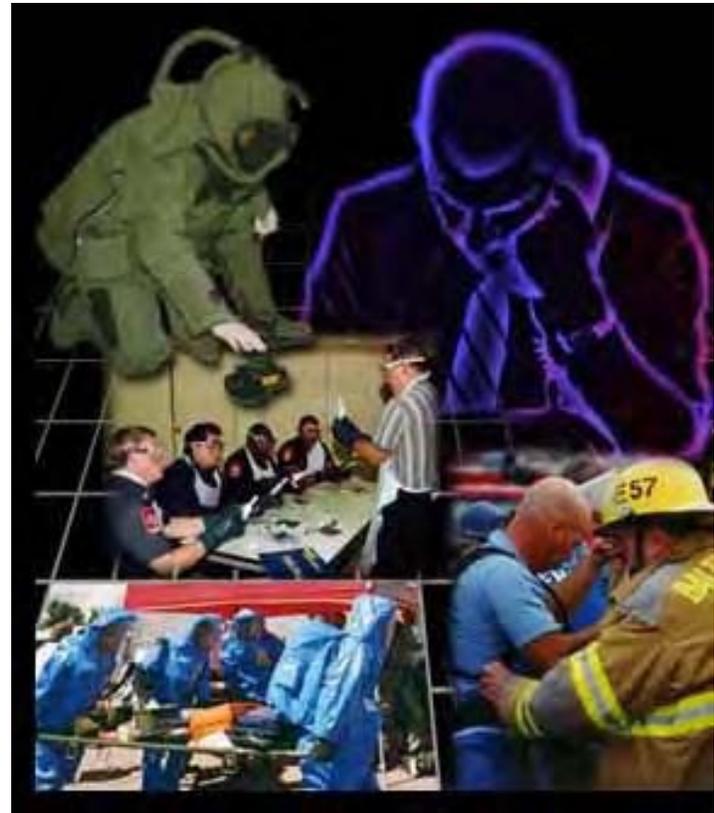
- **Business and Industry**
  - Transportation
  - Energy
  - Communications
  - Construction
  - Other Infrastructure





# Combating Terrorism

America's first line of defense in Combating Terrorism is our Emergency Responder Community - the police, firefighters, HAZMAT teams, EMS and others who are the first to encounter the terrorist threat and/or its consequences.

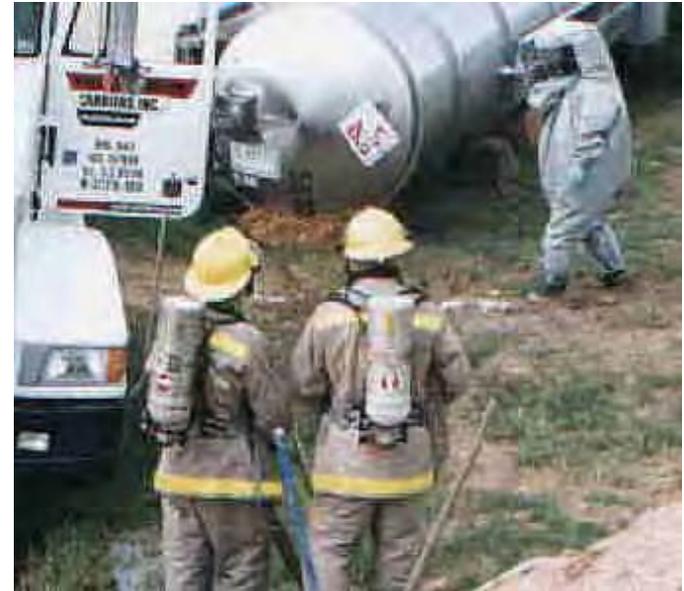




# Emergency Responder Equipment Characteristics

- **Affordable**
- **Compact, Light weight**
- **Rugged**
- **High Reliability**
- **Low Operational and Maintenance Costs**
- **Compatible/Interoperable**
- **Multi-purpose**
- **Low Risk Liability**
- **User Friendly/Ergonomically Designed**
- **Environmentally Acceptable**
- **Easy To Use in Protective Gear**
- **Intrinsically Safe**
- **Designed and tested to appropriate standards**

(NFPA, ANSI, NIOSH, etc.)





# Transition Planning

- **Applications Assessment**
- **Intellectual Property Management**
- **Regulatory Issues**
- **Standards – Federal and Commercial**
- **Liability & Risk Reduction – Safety Act Eligibility**
- **Security & Export Control**
- **Market Assessment – Federal and Commercial**
- **Commercialization Strategy**
- **Produceability, Affordability**
- **Test and Evaluation**
- **User Support – Logistics and Training**



# On Line References

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- **Introduction to Tech Transition**
- **Transition Plan Guidelines**
- **Radio Frequency Spectrum and Emissions Management**
- **The DOD Technology Transition Guide**
- **The DOD Intellectual Property Guide**
- **Technology Readiness Levels – definitions**
- **Product Liability Risk Reduction Guide**
- **Safety Act and Application Kit**
- **Test and Evaluation Planning Guide**





# Transition Planning Tools

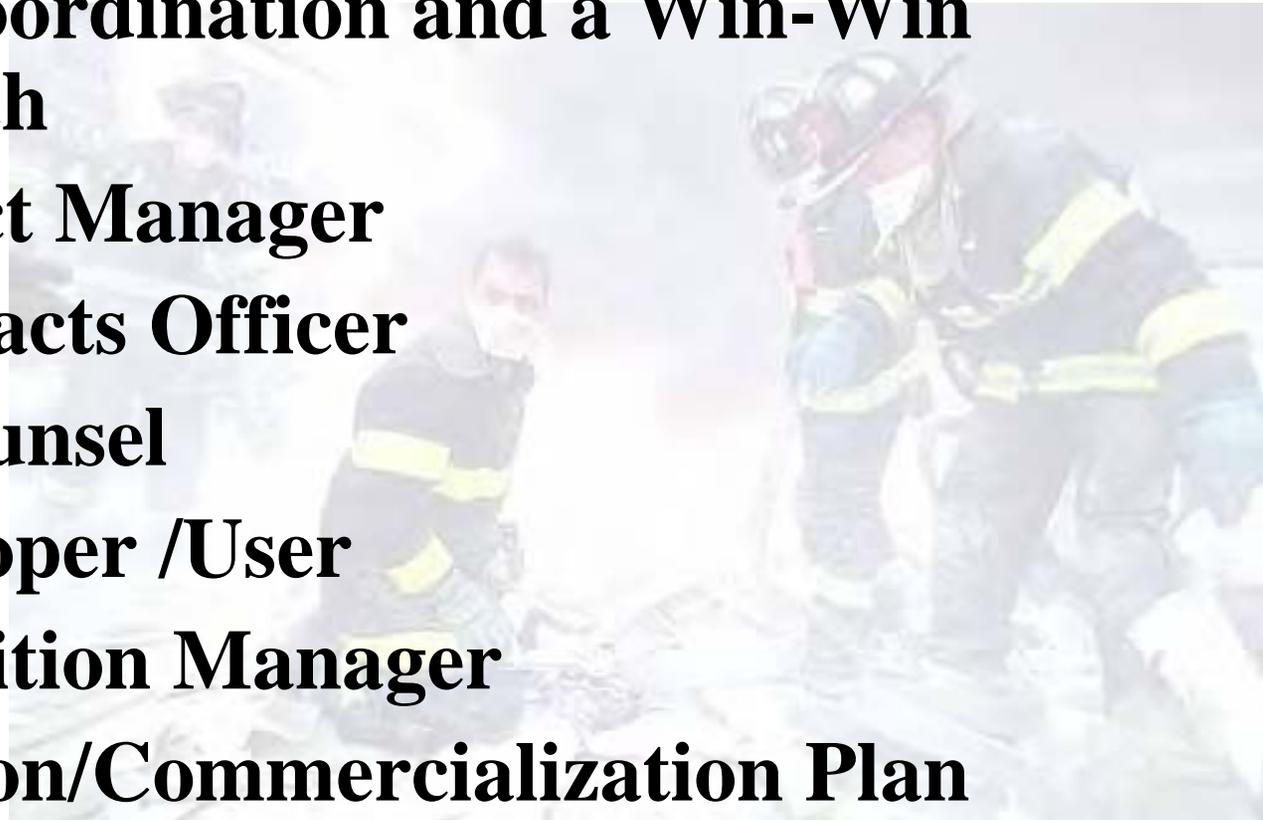
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- **Commercialization Plan**
- **Market Assessment**
- **Provisional Patents**
- **FEDBIZOPS Offerings**
- **Tailored License Applications**
- **Licensee/Partner Selection**
- **Tech Data Packages**
- **Licenses and CRADAs**
- **Small Business Assistance References**
- **Venture Capital Referrals**



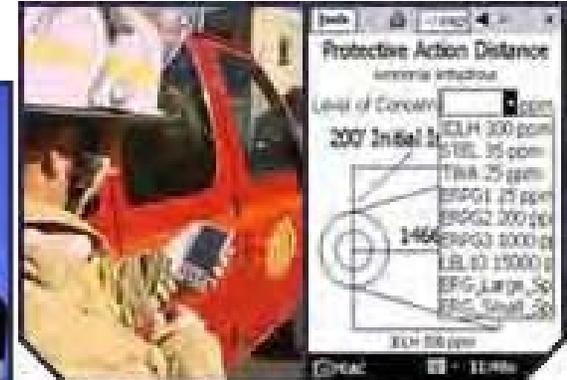
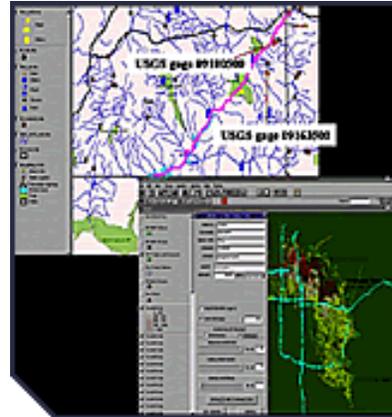
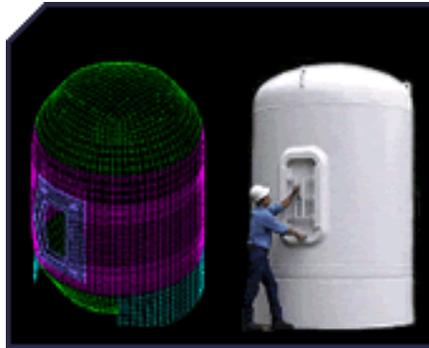
# Teamwork is the Key

- **Close Coordination and a Win-Win Approach**
  - **Project Manager**
  - **Contracts Officer**
  - **IP Counsel**
  - **Developer /User**
  - **Transition Manager**
- **Transition/Commercialization Plan**
- **Communication**

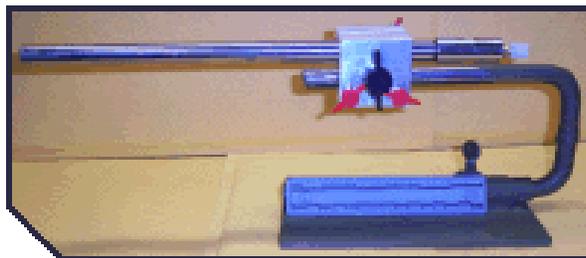
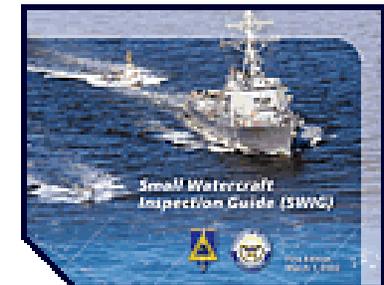
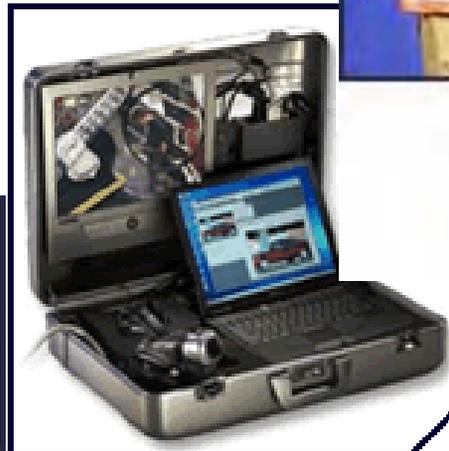




# Recent Transitions at Work



Palmtop interface shown on right





# September 11, 2001



**NRL**  
Name Reference Library

**KOREAN HIGHLIGHTS**

- Spelling of the same Korean name can vary depending on the romanization system.
- There are no Major Name Parts in Korean.
- Spelling Variations: Chinese, Japanese, Korean, Thai, Vietnamese.
- Korean Surnames can be the first or the last element of a name.
- One of the Given Names is usually...

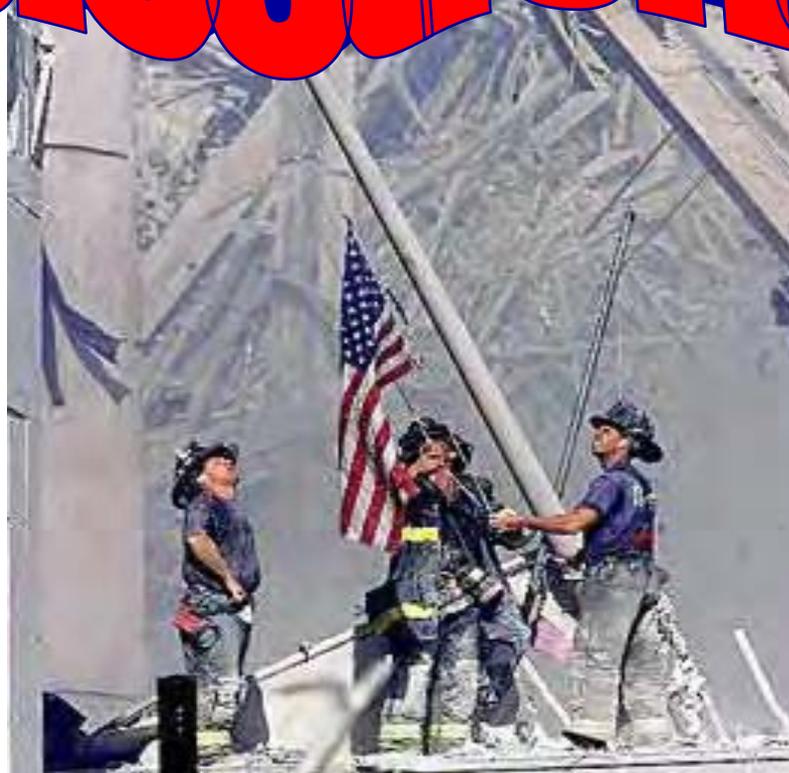
## Structural Blast Mitigation Technology - Pentagon Walls & Windows



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# Questions?



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