



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

- 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

- **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

- **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

- **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**



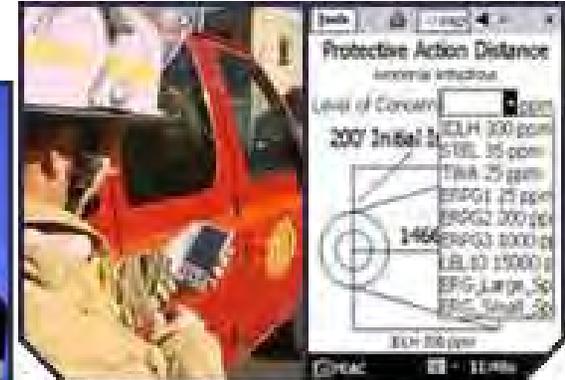
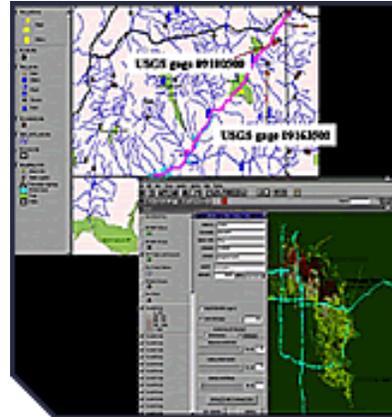
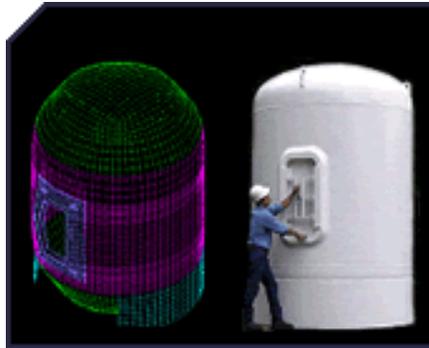
Teamwork is the Key

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

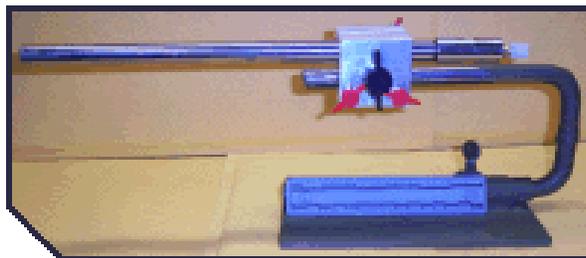
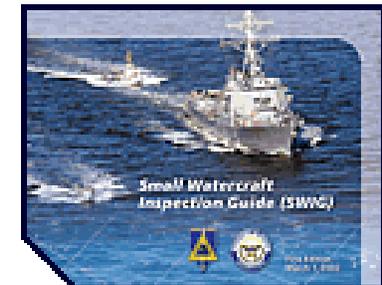
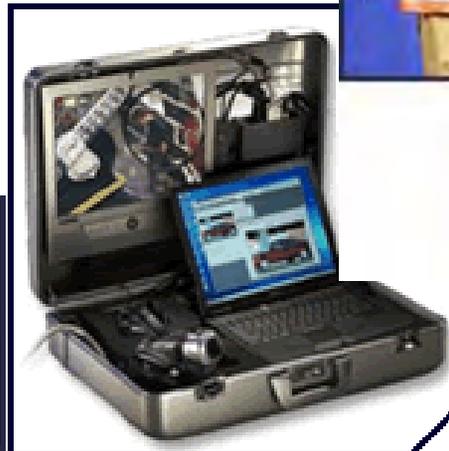




Recent Transitions at Work



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.
- Spelling Variations: Chongchun, Singmaeng, Seonmaeng, Chulmaeng
- Spelling Variations: Chulmaeng, Singmaeng, Seonmaeng, Chongchun
- Korean Surnames can be the first or the last element of a name.
- One of the Given Names is usually...

Portraits of individuals:

- Armenian Ancestry # 11
- Armenian Ancestry # 17
- United Ancestry # 23
- United Ancestry # 175

Structural Blast Mitigation Technology - Pentagon Walls & Windows





Questions?



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TSWG

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