



Chemical, Biological, Radiological and Nuclear Defense Information Analysis Center

Ron Evans
Director



CBRN IAC
*Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center*



Information Analysis Centers (IACs)



CBRN IAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

- Chartered by DoD to generate, collect, analyze and disseminate scientific and technical information
 - Provide comprehensive databases, analysis, tools and techniques, and reach-back
 - Contractor operated under Defense Technical Information Center (DTIC)
 - Support DoD, Other Federal Agencies, Contractors, and State and Local Governments and Emergency Responders
- Chemical, Biological, Radiological and Nuclear Defense
 - Survivability/Vulnerability
 - Reliability
 - Advanced Materials, Manufacturing, and Testing
 - Sensors
 - Information Assurance
 - Weapon Systems Technology
 - Data and Analysis Center for Software
 - Chemical Propulsion
 - Modeling and Simulation

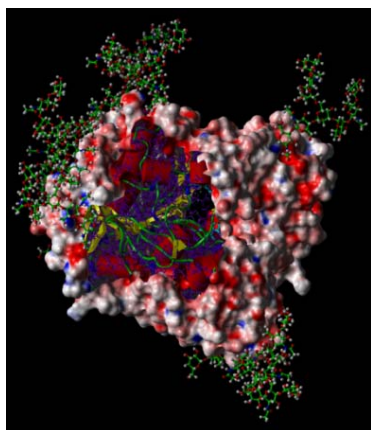


Background/History



CBRNIAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

- DDR&E and DUSD(S&T)
 - Information Analysis Center (IAC) oversight
- Defense Technical Information Center (DTIC)
 - Implements policies
 - Operational control of ten DoD sponsored IACs
 - Government Owned Contractor Operated (GOCO)
 - Each IAC covers specialized science and technology areas
- CBRNIAC
 - Established as CBIAC in 1986; re-designated CBRNIAC in 2007
 - Broad technical scope covering CBRND and HLS
 - Technical guidance/direction: Executive Steering Committee (ESC) and Scientific Research Council (SRC)





Executive Steering Committee



CBRN IAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

Chair
Mr. Reed
SA (CBD&CDP)

Co-Chair
Mr. Heston
IAC PM

Members

- DTRA: Dr. Galloway
- Army: Mr. Decker
- Navy: Mr. Purello
- Joint Staff: COL Barnett
- USAF: Dr. Stotts
- USMC: Dr. Stark
- Medical : Dr. Churilla
- DIA: Mr. McNulty
- JPEO-CBD: BG Scarbrough
- USACBRNS: COL(P) Smith

Associate Members

OSTP, OMB, USDA, DOE, DOJ, DOS, HHS, DHS, FEMA, EPA, OSD(HD),
FDA, CIA, OSD (Policy), SO/LIC, TSWG, USCG, USANCA, CDC

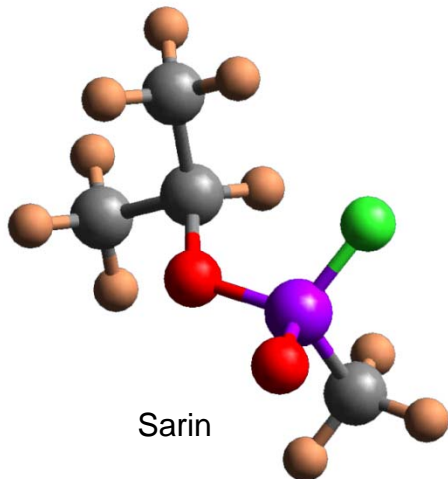


Technical Scope



CBRN IAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

- **Chemical and Physical Properties of CW/CBD Materials**
- **Toxicology**
- **Warning and Identification**
- **Medical Effects and Treatment**
- **Treaty Verification**
- **International Technology, Proliferation and Control**
- **Individual and Collective Protection**
- **Chemical Identification**
- **Environmental Fate and Effects**
- **Decontamination**
- **NBC Survivability**
- **Combat Effectiveness**
- **Smoke and Obscurants**



- **Demilitarization**
- **Analysis of Manufacturing Processes for NBC Systems**
- **Defense Conversion & Dual Use Technology Transfer**
- **Domestic Preparedness / Homeland Security**
- **Force Protection**
- **Counterterrorism**
- **Counterproliferation**
- **Toxic Industrial Chemicals/Materials (TICs/TIMs)**
- **Radiological and Nuclear Defense**



Operations



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- Edgewood Area, Aberdeen Proving Ground, MD
- Washington, D.C.
- Jacksonville, NC
- San Antonio, TX
- Natick, MA
- Dugway Proving Ground, UT
- St Robert, MO



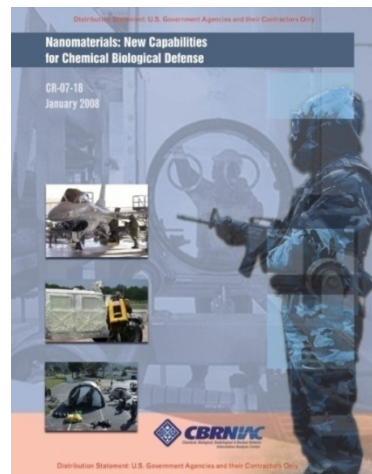


Core Program Services & Products



CBRNIAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

- **Inquiries and Analysis (4 Hours Free)**
 - Information
 - Technical
 - Bibliographic
 - Referrals
 - Gateway to CBRNIAC reach-back
- **CBRNIAC Website (<http://www.cbrniac.apgea.army.mil>)**
 - Recently redesigned, user friendly
 - One stop shop: Inquiries, Products, Tech Support, etc.
- **Newsletters/Brochures/Outreach**
- **Products**



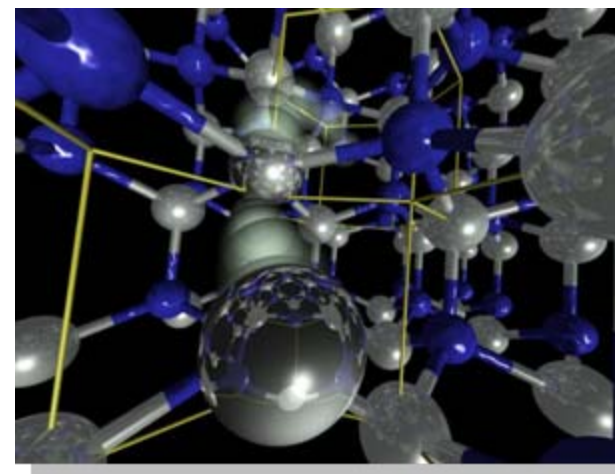


Information Resources



CBRNIAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

- CBRN Scientific & Technical Analysis & Research Tool
 - Over 161,000 records
- Holdings - over 150,000 items
- Other CBRNIAC Databases and Collections
 - Chemical Biological Materials Effects Database (CBME)
 - BACWORTH
 - Agent Fate and Effects
 - Agent Simulant Knowledge (ASK Database)
 - Chemical Weapons (CW) Treaty Reference Collection
 - Biological Weapons (BW) Treaty Reference Collection
 - Biological Warfare (BW) History
- DTIC Total Electronic Migration System
- Numerous outside data sources
 - STINET
 - RDECOM STILAS
 - DENIX
 - NLM
 - ChemFinder
 - NIST
 - NIOSH
 - DIALOG
 - DOE
 - DPG TIC





Total Electronic Migration System



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- Total Electronic Migration System (TEMS) allows registered DTIC users to search the 10 DoD IACs' electronic holdings using any Web browser.
 - Unclassified material accessed through the Internet.
 - TEMS classified accessed via SIPRNET.
- TEMS provides full-text search capabilities.
- TEMS contains:
 - Over 1,209,000 citations
 - Over 304,000 documents
- Access TEMS at <https://tems-iac.dtic.mil>
- Register for access at <https://register.dtic.mil>
- TEMS Contact Information
 - Defense Technical Information Center
 - IAC Program Management Office (DTIC-AI)
 - 8725 John J. Kingman Blvd, Suite 0944
 - Fort Belvoir, VA 22060-6218
 - Phone: 703.767.9120
 - E-mail: tems@dtic.mil





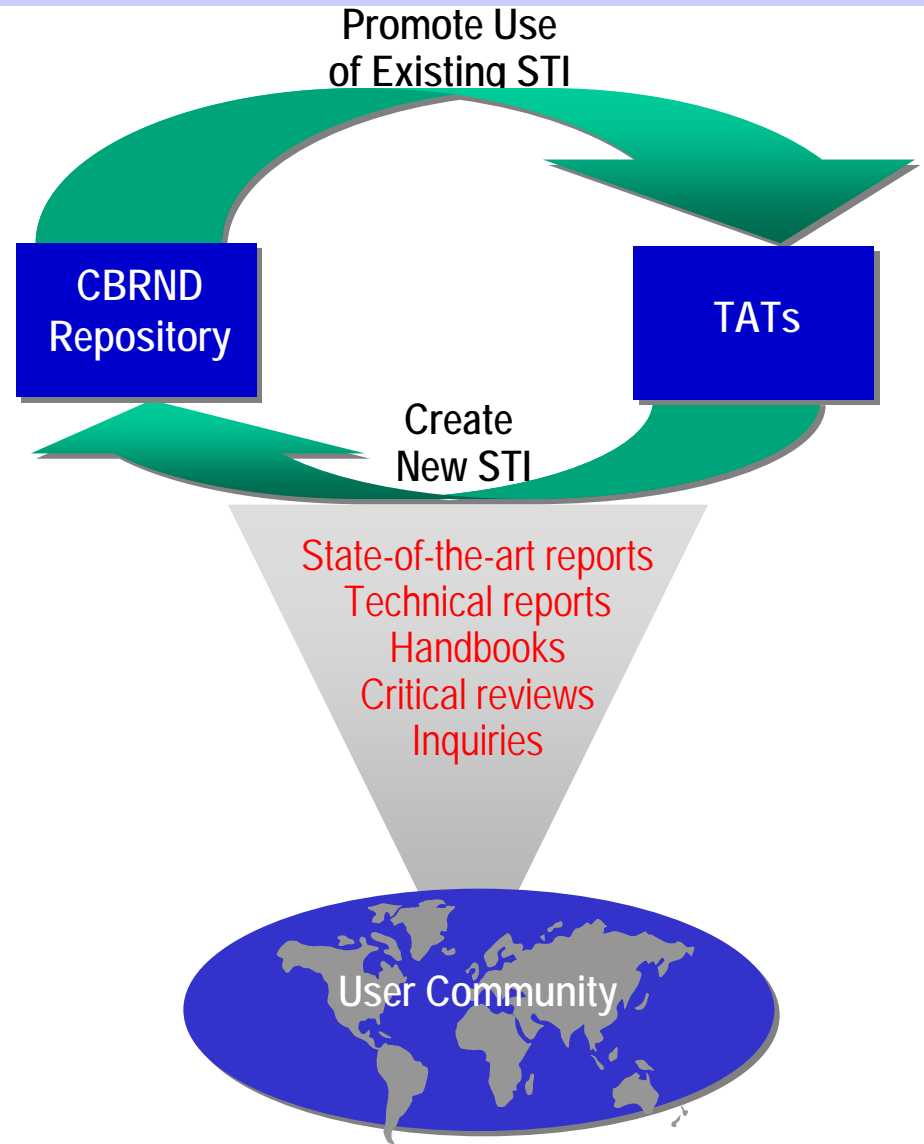
Technical Area Task Program



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Concept

- Provide an ID/IQ mechanism to support client technical requirements beyond basic IAC operations
- Create new scientific and technical information (STI) to meet immediate user requirements
- Incorporate TAT STI into CBRNIAC CBRND repository
- Leverage TAT STI to support broader user needs/ applications





Summary

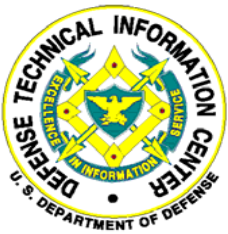


CBRNIAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

- CBRNIAC assists DTIC in supporting the community
- CBRNIAC addresses CBRN Defense and Homeland Security issues
- Core Program
 - No Cost Inquiry Support
 - Comprehensive CBRND Repository
 - Newsletters
 - State-of-the-Art Products
 - Gateway to CBRNIAC reach-back
 - “One-Stop Shop” Website
 - <http://www.cbrniac.apgea.army.mil>
- Technical Area Tasks
 - Responsive
 - Easy to Use
- Knowledge Management Capabilities
- CBRNIAC Focuses on Customer Service



**Your “One Stop Shop”
for CBRND/HLS Support**



CBRNIAC
Chemical, Biological, Radiological & Nuclear Defense
Information Analysis Center

Points of Contact

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