CBIAC Knowledge Management and Development Program

The **Chemical and Biological Defense Information Analysis Center (CBIAC)** is a full-service Department of Defense (DoD) Information Analysis Center (IAC) operated by Battelle Memorial Institute under contract SP0700-00-D-3180 to the Defense Technical Information Center (DTIC). CBIAC services are available to DoD and Federal Agencies, DoD and Federal Agency Contractors, State and Local Government Agencies and Emergency Responders.
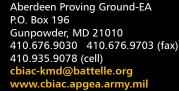
The **CBIAC** maintains three distinct programs in order to accomplish its mission and objectives: The **Core Program**, the **Knowledge Management and Development (KM&D) Program**, and the **Technical Area Task (TAT) Program**.

The **CBIAC KM&D Program** collects, analyzes, synthesizes, and disseminates CB Defense and Homeland Security (HLS) scientific, technical, and operational knowledge. With expertise in database development, document management systems, application development, and Internet content development, the KM&D team can convert documents into electronic formats, extract and organize technical information into coherent topical systems, and electronically disseminate information as required.

The **CBIAC KM&D Team** specializes in:

- Consolidating CB Defense and HLS information into databases and applications
- Minimizing time to access critical information
- Developing technical information encyclopedias
- Implementing .mil hosting services
- Leveraging CBIAC scientific and technical information and Data Center support infrastructure
- Producing browser-based data systems with advanced search and retrieval capabilities
- Integrating documents into online repositories.

Chemical and Biological Defense
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A DoD-Sponsored Information Analysis Center
Serving the CB Defense and HLS Communities

CBIAC Knowledge Management and Development Program

The **KM&D Program** accomplishes its mission to improve the decision-making process by offering its clients:

- Authoritative historical, scientific, technical, and operational information analyzed and archived in a dynamic hierarchy
- Subject matter experts and critical knowledge profiled and stored in electronic formats
- Searchable, interactive information systems such as databases, document management systems, and Web sites
- Professional expertise to provide content development for innovative software and Internet-based decision-making tools.

Key elements of the **KM&D Program**:

- Content Management and Analysis
- Knowledge Management Systems Engineering
- Visualization and Simulation Capabilities
- Repository and Subject Matter Expert Profiling
- One-way (asynchronous) and Two-way (synchronous) Collaboration Tools
- Training and Education Products
- Data Center Services.

Examples of KM&D Products:

- Medical NBC InfoPeak
- Online Searchable Integrated Reference Information System (OSIRIS)
- Biological and Chemical Warfare Online Repository and Technical Holdings (BACWORTH)
- Chemical Biological Defense Information Network (CBDI-Net)
- Disaster Management Interoperability Services (DMI-S)
- WMD Consequence Management System
- InSPIRE, StarLight (*Text Visualization Systems*).

*The **ultimate goal of the KM&D team** is to utilize its extensive database search capabilities and technical data extraction, analysis, and content development skills in concert with its state-of-the-art Information Technology expertise to create high quality, user-friendly, fully searchable products for its customers.*

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