

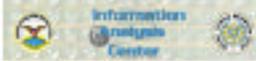
## IAC Mission Success Stories

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# IATAC

Information Assurance Technology Analysis Center

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Story 1

Story 2

### The Fleet Information Warfare Center (FIWC)

The Fleet Information Warfare Center (FIWC)—the Navy's information warfare organization—has developed a computer based training (CBT) course on Psychological Operations (PSYOPS) and Military Deception.

[Continued on Story 1](#)



### IATAC Quarterly Electronic Bulletin (eBulletin)

The Information Assurance Technology Analysis Center (IATAC) introduces "eBulletin." IATAC has embarked on a new method of dissemination of its products. In the past IATAC has led the way in new and creative ways, methods and mediums in disseminating state-of-the-art in information operations, information assurance, and computer network security information to DoD customers.

[Continued on Story 1](#)

### IATAC Provides Timely Reports

IATAC recently produced a series of reports (both Critical Review and Technology Assessments [CR/TA] and a State-of-the-Art Reports [SOAR]) for the IA community addressing subjects of critical importance. The topics of these reports are *Defense in Depth*, *Data Mining*, *IA Metrics*, and *IO/IA Visualization Technologies*. What distinguishes these reports is their timeliness and value to the IA community in providing subject insights, supporting technologies, and ongoing research into these subject areas. Written to educate leaders and managers in the subject at hand, the reports provide critical information to assist them in understanding the complexities of the subject, considerations they should examine, and ultimately assist in key IA decision making—and every report is free to DoD!!!



[Continued on Story 2](#)

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IATAC

Story 1

Story 2

## The Fleet Information Warfare Center (FIWC) (continued)

This training CBT includes two self-paced modules and includes a student handbook. To develop the CBT course the Navy turned to IATAC. IATAC was selected because of their innovative and pervasive work in information technology and systems, and extensive experience in analysis, and information operations training. While IATAC supports many Government agencies' information needs, they have a unique relationship and knowledge-base throughout the commercial and national security sectors, allowing them to bring innovative solutions to complex information problems.

The CBT's modules focus on definitions and key terminology, historical background, organizations, roles, responsibilities, planning, and coordination. The CBT is unclassified, allowing for wide use. The training level is intermediate focused toward a Navy audience. The CBT includes the references used in developing the training module, including audio and video examples to illustrate the intent of the lessons.

## IATAC Quarterly Electronic Bulletin (eBulletin) (continued)

Now IATAC has taken the electronic or "e" revolution in our country and adopted it for getting information out on IATAC activities and support to DoD and Government customers. This new vehicle is the IATAC Quarterly (electronic) Bulletin or "eBulletin." The eBulletin is designed to give a brief snapshot of what IATAC is doing in the scientific and technical information (STI) arena, what our current set of inquiries look like, who we are (and) how to contact our users. Its intent is to give the time-restricted DoD community a brief way to see what we are doing and how IATAC might support their requirements without a lot of paper or words. It will also arrive at "eSpeed" and can be easily sent to a wider audience.



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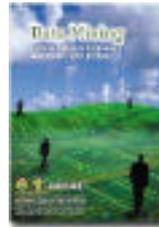
## IATAC Provides Timely Reports (continued)



**Defense in Depth CR/TA**—Attacks on DoD systems have expanded from simple wiretaps and viruses to session hijacks and Trojan horses—and the types and sophistication of these attacks are constantly evolving. In response to these threats, DOD developed the defense in depth strategy to protect its networks and information systems. The execution of the strategy requires a significant number of different security and networking technologies. This report describes the impact of those evolving technologies on the strategy.

**Data Mining CR/TA**—In its continuing effort to meet the challenge of defending its networks, DOD has employed hundreds of sensors to detect

unauthorized activities within those networks and information systems. These sensors produce millions upon millions of alerts and data points daily. Making sense of that data—transforming it into actionable knowledge—is the realm of data mining explored by this CR/TA. It provides an overview of data mining techniques, applications, and COTS data mining software products. It describes the process of determining data mining objectives, preparing data, transforming data, mining data, analyzing data, and assimilating knowledge.



**IA Metrics CR/TA**—IA metrics provide a way of measuring the effectiveness of the organization's security efforts against a set of specific goals and objectives derived from the organization's mission. In January 2000, the Joint Staff published CJCSI 6510.03, *Information Assurance Readiness Metrics*. This new instruction provided IA metrics for DOD use in preparing the Joint Monthly Readiness Report (JMRR). The IATAC CR/TA draws upon this instruction and provides essential foundational information on IA metrics to help organizations craft their own metrics. It answers the following questions—

- What are IA metrics?
- Why do organizations need them?
- How can metrics be used by each level within an organization?
- What is the process for developing IA metrics?
- What are some of the IA metrics that are already available and what are their strengths and weaknesses?
- What is the future direction for IA metrics?

**IO/IA Visualization Technologies SOAR**—Rounding out the suite of reports from IATAC is an examination of one of the great challenges facing the IA community—the ability to display information in a meaningful, actionable manner. This SOAR examines human factors, types, and identification of organizational visualization technologies. It presents current visualization technologies for IA, information operations, battlespace visualization, and common operational picture. The report focuses on technologies that are currently available and applicable to current operations and requirements. It helps leaders to decide whether visualization is appropriate to their needs, to determine what types of visualization technologies are available and relevant, and to formulate possible strategies for implementing visualization solutions.



### Information Assurance Collection Acquisitions

**CD-ROM**—To support our user's demand for additional IA information, IATAC has introduced the Collection Acquisitions CD-ROM to promote the current awareness of IATAC products and services. IATAC is chartered to collect IA-related STI. Our collection activities are focused on an established set of resources from the research and development (R&D), policy, acquisition, and operational communities that have traditionally produced IA-related STI. Produced on a bi-annual basis, the CD includes—

- Joint Vision 2020
- Kosovo After-Action Report
- Information Assurance Legal, Regulatory, Policy and Organizational Considerations
- Joint Staff Defense in Depth Brochure
- Defending America's Cyberspace National Plan for Information Systems
- And More...

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