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**DHS Presents the 2010 CAPTAP Conference**



IP is pleased to announce the second annual CAPTAP Conference, which will be held in Orlando, Florida on June 23rd and 24th.

Featuring the Assistant Secretary for IP, Todd M. Keil as the keynote speaker, the 2010 CAPTAP Conference will provide an excellent opportunity for conference participants to share best practices with fellow CIP practitioners and learn about the many IP resources available to support their CIKR protection efforts.

**Some of the highlights for this year's conference include:**

- A session on ACAMS 3.0 with an inside look into the tool redesign, as well as the future integration with the IP Data Call
- A special presentation by the New Mexico Tech - Energetic Material Research and Testing Center (ERMTC), on the general threat of explosives and specific forms of attack. *(Participants who complete this session will receive a certificate of completion for this DHS-approved "Conference Course")*
- A special presentation by the Center for Personal Protection and Safety, on training programs and best practices to enhance employee awareness in recognizing workplace violence
- The opportunity to participate in a site assessment of an actual CIKR asset, the University of Central Florida stadium

Building on the success of last year's inaugural CAPTAP conference, this year will also feature a State-led best practices panel which will discuss the successful use of ACAMS for implementing critical infrastructure plans and the National Infrastructure Protection Plan.

As in the previous year, the 2010 CAPTAP conference is designed primarily for Federal and State CAPTAP training teams, State Critical Infrastructure Protection (CIP) Coordinators, State Homeland Security Advisors, and other State and local infrastructure protection personnel. However, others with infrastructure protection responsibilities at the State and regional level are sure to benefit from this conference as well. Most importantly, attendees will have the opportunity to network and learn from other Federal, State, and local entities.

There is no registration fee for the 2010 CAPTAP Conference; however travel and per diem expenses are the responsibility of the attendees and are not covered by DHS. Conference participants are encouraged to explore the availability of State-allocated grant funding to help offset these costs.

If you are interested in attending the 2010 CAPTAP Conference or require additional information, please use the links below. If you have any additional questions, please feel free to e-mail us at [traininghelp@dhs.gov](mailto:traininghelp@dhs.gov).



Click the button to the left for a full list of breakout sessions, a tentative conference agenda, and other conference details.



Click the button to the left to access the conference registration page. Please note that the conference registration deadline is May 24.

## DHS Introduces the New and Improved ACAMS 3.0

The ACAMS Project Management Office (PMO) within the Office of Infrastructure Protection (IP) has been working feverishly to release the latest system developments for ACAMS. The release is scheduled to start in June and will be made available to the user community on a rolling basis throughout the summer. With design upgrades and added features, users can expect to be impressed by the new and improved ACAMS.

### New System Design

State and local stakeholders will notice a change in the way they navigate through the system, which will streamline the data entry process and increase their operational efficiency. The latest version of ACAMS also incorporates a redesign of the underlying database and application architecture. These upgrades will be seamless to the user, but will ultimately

enhance system performance and overall responsiveness.



### New Functionality

Users of ACAMS 3.0 will see integrated collapsible menus allowing them to group data more effectively. Data grouping will enable ACAMS mission partners to identify and access specific views with a minimum number of clicks. ACAMS 3.0 also promises to improve reporting capabilities by giving users the ability to:

- Distinguish Protected Critical Infrastructure Information (PCII) views from non-PCII views
- Establish asset relationships to enhance analysis of potential interdependencies and better inform response efforts
- Geo-code assets through iCAV that do not have a physical address

The redesigned Web interface and the new ACAMS splash page are just a few of the design developments that will be introduced with ACAMS 3.0

Additional data fields for schools, hospitals, police stations, and fire departments will help ACAMS users to establish better situational awareness. New baseline data requirements will ensure the continuity of data collection efforts across the country.

### Transition Strategy

The ACAMS PMO is now in the final planning stages for the upcoming release. The PMO has worked closely with the State, Local, Tribal, and Territorial Government Coordinating Council (SLTTGCC) ACAMS Working Group to identify an effective data migration strategy. Together they have determined that a staggered rollout would be the best approach to introduce 3.0 to the ACAMS user community, focusing on small groups of States at a time to address their specific data validation and transition needs.

### Transition Timeline

Starting in June, ACAMS 3.0 will be released to the first group of States and will continue in two consecutive release efforts to rollout the tool. A full transition to ACAMS 3.0 is planned to be completed by the Fall of 2010. ACAMS users will

be contacted prior to their scheduled migration date and provided with additional information and resources in preparation for their migration. These resources have been developed to assist users with any questions and concerns they may have regarding ACAMS 3.0 and the enhanced functionality it provides.

## ACAMS Welcomes a New Project Officer

At the beginning of March at the 2010 Great Lakes Critical Infrastructure Protection Conference, Sarah Gambill was first introduced as the new Federal Project Officer for ACAMS. Since then she has taken an active role in the system's management, including the transition efforts for ACAMS 3.0, and has rapidly come up to speed on the portfolio of ACAMS-related activities previously managed by Shawn Fitch.

Ms. Gambill, first joined DHS in December of 2005, supporting the Protective Security Advisor Program (PSA) within the Office of Infrastructure Protection's Protective Security Coordination Division. She transferred to the Infrastructure Information Collection Division (IICD) in September 2009 to work on issues related to the collection, protection, and visualization of infrastructure data, with specific focus on IICD's infrastructure protection tools such as ACAMS and iCAV.

## CIP Resource Materials Distributed to ACAMS State Partners

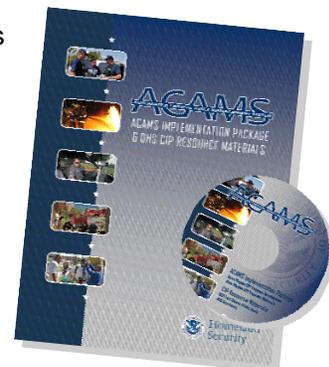
The ACAMS Project Management Office has developed a package of resources to help ACAMS State Administrators and other key regional components implement and promote their Critical Infrastructure Protection (CIP) programs.

This collection includes:

- A Standard Operating Procedure template for the integration of ACAMS to support regional CIP efforts
- A template CIP brochure that can be populated with State-specific program information
- A template press release and other marketing materials to help promote State CIP programs
- "Link to Us" language for providing easier access to DHS tools and resources via the Web
- Program literature and an informational DVD for various IICD tools (ACAMS, iCAV, PCII)

This package has been distributed to State Administrators, Critical Infrastructure and Key Resources (CIKR) Asset Protection Technical Assistance Program (CAPTAP) trainers and PSAs in support of their regional outreach efforts and to provide increased awareness of State infrastructure protection programs across the country.

If you would like to receive more information on any of these resources, please contact your ACAMS State Administrator or the ACAMS PMO via e-mail at [ACAMS-info@dhs.gov](mailto:ACAMS-info@dhs.gov).



## Mandatory PCII-Refresher Training for ACAMS Users

The PCII Program has recently released the PCII Management System (PCIIMS) to increase the efficiency of PCII registration, provide and manage user training, and track the status of PCII Officers and Authorized Users. This new system will enhance communication between ACAMS users, their PCII Officers and the PCII Program, and will also give ACAMS users access to a wealth of PCII reference materials such as the PCII Procedures Manual.



All ACAMS users will be required to register in PCIIMS in order to complete the PCII refresher training needed to meet their annual requirement. To assist with the transition of all current PCII authorized users, the PCII Program is contacting all authorized users to provide them with detailed registration and training information. If you have not already received the e-mail and completed refresher training, please go to <https://pciims.dhs.gov> and follow the instructions to register.

If you have PCIIMS questions or need technical assistance, please e-mail [pciihelp@dhs.gov](mailto:pciihelp@dhs.gov) or call 703-235-3990.

**\*Please Note:** PCIIMS is most compatible with the Internet Explorer browser. You may find that the PCIIMS home page does not load or you may get an error message. If this occurs, please select "Tools," "Internet Options," and then the "Advanced" tab. Scroll down to the bottom of the "Advanced" window and check each of the boxes next to SSL and TLS. Select "Apply." Once all SSL and TLS boxes are checked, relaunch or refresh the <https://pciims.dhs.gov> Web page to access the system.

## Creative Thinking Can Help with ACAMS Data Collection Efforts



In an effort to ensure the data integrity of the information in ACAMS for 3.0, the ACAMS PMO has been working closely with ACAMS State Administrators to validate asset and user information. With well over 80,000 reported assets in ACAMS requiring validation, this seems like a daunting task for any State. The State of Ohio has pioneered an effort to engage college students in helping with the ACAMS data collection and data entry efforts. The program is already proving to be successful; in fact the State of Michigan is developing an internship program based on Ohio's successful model.

The Ohio Infrastructure Protection Internship Program is administered by the Ohio Homeland Security (OHS) Office of Protection and Security section. Students enrolled in homeland security programs or similar disciplines, and recommended by their colleges or universities, may be considered for this program. All accepted candidates must undergo a mandatory background check and become PCII-certified in order to qualify for the internship.

Throughout the duration of the program, students work with professionals in the field helping with data collection, categorization, prioritization, and refinement for final input into ACAMS. In addition to receiving hands-on experience and completing mandatory training, students are provided with additional training opportunities related to open-source research, sector identification awareness and target hardening information. Participants can also access training on the FEMA Incident Command System and the National Incident Management System.



The value of this program is undeniable to both OHS and the participating students. With ACAMS 3.0 rollout just around the corner and new data baseline requirements that must be met to transfer ACAMS data to the new system, OHS is benefiting from the extra support provided by the students. In addition, participating students gain valuable work experience and an operational knowledge of OHS. Besides the significant amount of on-the-job training that prepares them for a career in the field of homeland security, students also earn college credit for participating in the program; thus making the program a "win-win" for both the students and the agency.

For more information on the Ohio Infrastructure Protection Internship Program, please contact Ohio ACAMS Administrator David Winn by e-mail [dawinn@dps.state.oh.us](mailto:dawinn@dps.state.oh.us).

## IP EFFORTS & INITIATIVES

### Critical Infrastructure Protection Month

On December 2, 2009, President Barack Obama issued a proclamation declaring December 2009 as Critical Infrastructure Protection month. As part of the effort to increase awareness and understanding of critical infrastructure protection, DHS Secretary Janet Napolitano gave several radio addresses, hosted Webinars, and participated in tactical exercises.



### New Critical Infrastructure Protection Web Page

In support of continued efforts by DHS to increase awareness and share infrastructure protection resources, IP recently unveiled a new Infrastructure Protection Web page. This new Web page provides easily accessible information on programs, trainings, tools, and key publications to help safeguard CIKR.



One key resource featured on the site is a link to the new CIKR Resource Center, which includes information on free Web-based seminars on tools and trends for infrastructure protection and resilience. The site also contains information about the National Infrastructure Protection Plan and National Response Framework.

Please consider linking to [www.dhs.gov/criticalinfrastructure](http://www.dhs.gov/criticalinfrastructure) from your State Web page to stay connected and help increase awareness of critical infrastructure protection among visitors to your site.

## Infrastructure Data Management Efforts

Gathering and utilizing accurate infrastructure data is imperative for the successful planning and protection of the Nation's critical infrastructure. IP continues to support the efforts of our Federal, State, local, and tribal homeland security partners, through activities such as the IP Annual Data Call and the development of resources like the Infrastructure Data Taxonomy. For ACAMS administrators and users, these data management initiatives will standardize the method and language for State and local stakeholders to participate in CIP data efforts. The Infrastructure Data Taxonomy is already part of ACAMS terminology and while the Data Call is currently not integrated in ACAMS 3.0, the ACAMS PMO is working with the data management team to integrate the functionality into future releases.

### IP Annual Data Call

The FY2011 Annual Data Call, which took place from February to April of this year, continues to be one of the primary methods for DHS to collect, identify, and prioritize the Nation's CIKR. This data call process supports the National Critical Infrastructure Prioritization Program (NCIPP) and provides homeland security partners with access to validated critical infrastructure data to help develop effective planning, response, and recovery efforts.

Numerous States, CIKR Sectors, and other homeland security mission partners took advantage of this opportunity to provide and update their infrastructure data, employing the newly integrated Infrastructure Data Collection Application (IDCA) tool to support their efforts. This new tool, created in coordination with IICD and other divisions within IP, increases the efficiency of the annual data call by unifying the platform for collecting, maintaining quality, matching and deconflicting infrastructure data. The IDCA allows users to submit data year round and provides greater visibility of submitted data across States, territories, and sectors.

In preparation for the recent data call and the launch of the IDCA, IP held several Webinars to preview the new tool and solicited user feedback for future process enhancements. Additionally, data call participants received an IDCA Overview and User Guide to assist with entering infrastructure data. Future plans for the IP Annual Data Call include integration with the ACAMS system. This added functionality will improve the speed and effectiveness of the data call submission process for State and local stakeholders utilizing ACAMS.

### Infrastructure Data Taxonomy

The Infrastructure Data Taxonomy (IDT) was developed by IP to help manage ambiguities that may exist between government and private sector partners, with regard to the description and categorization of the Nation's CIKR. By using a common terminology and method for categorizing information, the IDT allows critical infrastructure data to be more easily shared and understood among its users. As an example, Figure A to the right shows how a healthcare facility would be categorized using the IDT.

Created in 2005, the IDT has proven to be a useful tool for CIKR categorization and has since been disseminated to 150 partners in the private sector, academia, and State and local communities. The IDT is being implemented in all IP tools, including ACAMS, and is currently aligned with all Homeland Security Information Program (HSIP) data. The IDT is posted on the Homeland Infrastructure Foundation-Level Data (HIFLD), Geospatial Intelligence (GEOINT) Online and Argonne National Labs (ANL)-hosted Web sites to facilitate wide dissemination and access.

To view the IDT, users must submit a request via the following Web site, <http://lens.iac.anl.gov/taxonomy>. Web-based feedback will be solicited to collect comments on the IDT's functionality from users, and allow for future improvements. For additional information on the IDT, please e-mail [IICD@dhs.gov](mailto:IICD@dhs.gov).



**Figure A:** How a healthcare facility would be categorized using the Infrastructure Data Taxonomy

- **Sector:** The healthcare facility is identified as part of the **Healthcare and Public Health Sector**.
- **Sub-Sector:** Within the Healthcare and Public Health Sector, the healthcare facility is designated as part of the **Direct Patient Healthcare** sub-sector.
- **Segment:** The healthcare facility is then identified as part of the **Hospitals** segment, detailing the type of healthcare facility.
- **Sub-Segment:** Next, the healthcare facility is categorized within the **General Medical and Surgical Hospitals** sub-segment to recognize its capabilities.
- **Asset Type:** Finally, the healthcare facility is categorized as part of the **Private and Non-Profit General Medical and Surgical Hospital** sub-segment, recognizing ownership.

## RELATED SYSTEM UPDATES

### Latest iCAV System Enhancements

Over the last few months, the iCAV system received numerous enhancements, making it a more robust and user friendly tool. You may have noticed some of those changes already, from the new iCAV Splash Page to an upgraded toolbar. Here is a summary of a few noteworthy improvements:



**WMS and IMS Data:** iCAV users can now view both Web Map Service (WMS) data, generated by a map server using data from a Geographic Information System (GIS) database, and Internet Map Services (IMS) data, data produced by an ArcIMS server.

**Data and Imagery Layers:** Several new population-based analytical tools and data sources have been added to the iCAV suite of tools. The Population Query tool, for example, allows users to identify the approximate population for an area. The Landscan Population Data tool from the U.S. Department of Energy allows users to view day versus night time ambient population distribution. Landscan population data can be used to determine the approximate population for an area. In addition, the iCAV suite of tools now provides CitySphere imagery layers from the National Geospatial-Intelligence Agency.

**Enhanced Analysis:** Users now have the ability to add shapes such as polygons on iCAV maps to present geospatial information such as highlighting potential flooding areas based on flood stage inputs. Additionally, polygons can be created to depict rough estimations of chemical spills based on the amount and type of chemical, wind speeds, and direction.

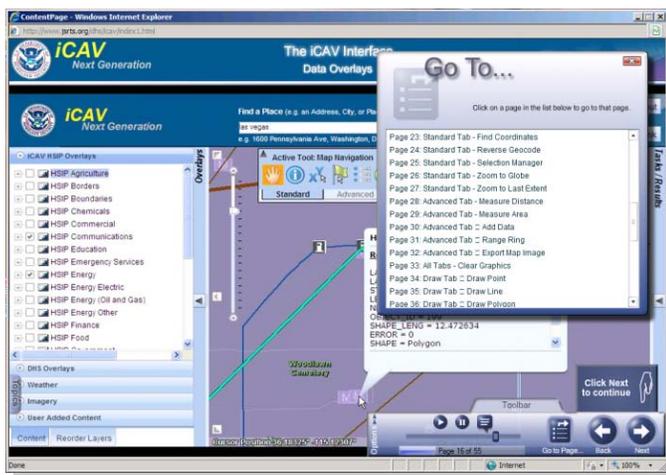
**Additional Upgrades:** Users may also add their own Keyhole Markup Language (KML) files for added context and utility. The iCAV tool bar has also been updated to include: Buffer by Point; Buffer by Selection; Export Annotations; Draw Ellipse; Draw Bound Ellipse; Draw Rectangle; Draw Text; and Moveable Toolbars.

If you would like to provide feedback on the iCAV suite of tools, or wish to be added to the iCAV partners distribution list to receive notifications for system enhancements and outages, please send an e-mail to [icavhelp@dhs.gov](mailto:icavhelp@dhs.gov).

## RELATED TRAINING UPDATES

### iCAV Web-Based Courseware Available

iCAV self-paced, Web-based training is available at <https://icav.dhs.gov>. The comprehensive training on iCAV NextGen provides audio narration and learning check points. When taken in a single session, the training can be completed in about an hour. Additionally, for quick training refreshers, a “go to” directory of all the topics makes it easy to refer back to a specific section.



By following along with step-by-step walkthroughs of a number of key system capabilities such as how to search, zoom, measure distance, and add user-specific data in KML, really simple syndication (RSS), and other data formats, training participants will be able to effectively navigate within iCAV NextGen and use the system’s capabilities to generate their own map views.

A section of the training devoted to ACAMS explains how users can access iCAV from the various sections within ACAMS, to geospatially view their assets and adjust an asset’s location if needed. At the conclusion of the training, iCAV features are applied in three examples to demonstrate how iCAV can be used for situational awareness during a chemical spill, a bomb threat, and a weather event. For more information on the iCAV suite of tools, please visit <https://icav.dhs.gov>.

### PCII Instructor-Led Authorized User Training

A new version of the PCII Instructor-Led Authorized User training is available with a new section that specifically addresses how to communicate the PCII Program. This new section will help PCII Officers and PCII Authorized Users better communicate the benefits of participation in the PCII Program with both internal and external stakeholders, including private sector representatives.

## CAPTAP Training

With the upcoming release of ACAMS 3.0, the CAPTAP training curriculum will be updated to address the navigation of the system and new functionality. The Training team also plans to demonstrate some of the enhanced system capabilities and address user questions during the CAPTAP conference next month.

Updated ACAMS 3.0 course materials will be made available to CAPTAP instructors in early to mid-summer 2010, with a trainer specific Webinar series that will be scheduled shortly after the system's release. **CAPTAP courses will continue to be scheduled while States migrate to ACAMS 3.0.**

An updated list of Federal hosted CAPTAP courses that have been scheduled through August can be found in the "Coming Attractions" section at the end of the newsletter.



## FY10 Second Quarter CAPTAP Survey Results



### Survey Information Details

- Data obtained from 18 CAPTAP sessions
- Session diversification: 2 Federally (National Guard Bureau) instructed, 16 State instructed
- 244 survey responses out of 266 participants yielding 92% response rate
- Participants' comments supplemented quantitative data

### Survey Highlights:

- Scores and comments about instructors were positive
- Participants found the hands-on activities to be most useful
- Participants requested additional information on target hardening; a breakout session on this topic will be offered at the CAPTAP conference

## ACAMS UPCOMING ATTRACTIONS

### DHS Hosted CAPTAP Courses (June - August 2010)

*\*Please note that CAPTAP courses will continue to be scheduled while States migrate to ACAMS 3.0.*

#### Maryland CAPTAP Session (4 Day)

**Location:** Maryland Emergency Management Agency  
**Dates:** June 7 - 10, 2010  
**Registration:** Open

#### North Central (Dallas), TX CAPTAP Session (4 Day)

**Location:** Dallas, TX  
**Dates:** July 12 - 15, 2010  
**Registration:** Open

#### Illinois CAPTAP Session (4 Day)

**Location:** Springfield, IL  
**Dates:** July 20 - 23, 2010  
**Registration:** Open

#### CAPTAP Train the Trainer Session

**Location:** Seattle, WA or California - TBD  
**Dates:** August, 2010  
**Registration:** Open

#### New Hampshire CAPTAP Session (4 Day)

**Location:** NH Dept of Safety  
**Dates:** Aug 30 - Sept 2, 2010  
**Registration:** Open

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