

Supporting Statement for Paperwork Reduction Act Submissions

Title: Integrated Common Analytical Viewer Program (iCAV) Survey

OMB Control Number: 1670-NEW

PRA 1670_iCAV Survey Supporting Statement A

A. Justification

1. Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection. Attach a copy of the appropriate section of each statute and regulation mandating or authorizing the collection of information.

The Integrated Common Analytical Viewer (iCAV) tool is a secure Web-based geospatial analytical and situational awareness system consisting of government-owned and licensed data, imagery and dynamic mission-specific information integrating threats, weather and situational awareness information. The iCAV program was initiated as mandated by Homeland Security Presidential Directive – 7 (HSPD 7) to geospatially map, image, analyze and sort the nation’s critical infrastructure and key resources, assisting NPPD along with DHS mission partners to better prepare, prevent, respond and recover from natural and man-made disasters. By providing federal, State and local jurisdictions, and the private sector with a rapid, common understanding of the relationships between critical events, iCAV supports coordinated preparedness, response, and recovery activities to help make communities safer. By using iCAV, Homeland Security (HLS) mission partners at the federal, State, local, tribal, territorial levels nationwide participate in a Common Operating Picture (COP) for information sharing, analysis, visualization and dissemination that protect their communities. To ensure that interested parties appropriately further this mission, iCAV conducts instructor-led training sessions on using the tool. The iCAV Program Management Office (PMO) is administered out of the Infrastructure Information Collection Division’s (IICD) in the Office of Infrastructure Protection (IP).

iCAV’s growing functionality has increased customer demand for access and use. Expansion of the iCAV program through training will continue into the foreseeable future to address these escalating requirements. To achieve these goals, training is provided several times monthly to a diverse population of users. Customer feedback from these training sessions guides usability and development of new tool functions and improvements, as well as improving the training and associated materials. The survey data will be used for internal iCAV PMO, IICD, and IP purposes only.

2. Indicate how, by whom, and for what purpose the information is to be used. Except for a new collection, indicate the actual use the agency has made of the information received from the current collection.

The iCAV Program Management Office (PMO) uses the iCAV customer survey to determine levels of customer satisfaction with the iCAV training and experience with the iCAV tool. The

data is also used to track performance and selected data is used in performance metrics reporting within the Office of Infrastructure Protection (IP). The survey supports data-based decision-making because it collects quantitative and qualitative data to identify improvements and identify significant issues based on customers' experience. Obtaining current fact-based actionable data about training and tool features allows the program to recalibrate its resources to address new or emerging issues. The survey data will be used for internal iCAV PMO, IICD, and IP purposes only.

3. Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses, and the basis for the decision for adopting this means of collection. Also describe any consideration of using information technology to reduce burden.

The survey is administered using a Web-based survey tool, Vovici Enterprise Feedback Management (EFM). Automating the iCAV survey reduces the staff burden of manually administering a survey, accurately collecting data and integrating the survey as part of the training course. Since the survey is part of the course and not a separate activity, response rates are expected to be high. Automation also captures participants typed comments, eliminating time-consuming transcription and manual inaccuracies.

4. Describe efforts to identify duplication. Show specifically why any similar information already available cannot be used or modified for use for the purposes described in Item 2 above.

This information is not currently collected in any form, and therefore is not duplicated elsewhere.

5. If the collection of information impacts small businesses or other small entities (Item 5 of OMB Form 83-I), describe any methods used to minimize.

This information collection does not have an impact on small businesses or other small entities.

6. Describe the consequence to Federal/DHS program or policy activities if the collection of information is not conducted, or is conducted less frequently, as well as any technical or legal obstacles to reducing burden.

Without collecting information as requested, the iCAV service will be unable to evaluate and improve training to fulfill customer requirements and provide an updated iCAV tool.

7. Explain any special circumstances that would cause an information collection to be conducted in a manner:

- (a) Requiring respondents to report information to the agency more often than quarterly.
- (b) Requiring respondents to prepare a written response to a collection of information in fewer than 30 days after receipt of it.
- (c) Requiring respondents to submit more than an original and two copies of any document.

- (d) Requiring respondents to retain records, other than health, medical, government contract, grant-in-aid, or tax records for more than three years.
- (e) In connection with a statistical survey, that is not designed to produce valid and reliable results that can be generalized to the universe of study.
- (f) Requiring the use of a statistical data classification that has not been reviewed and approved by OMB.
- (g) That includes a pledge of confidentiality that is not supported by authority established in statute or regulation, that is not supported by disclosure and data security policies that are consistent with the pledge, or which unnecessarily impedes sharing of data with other agencies for compatible confidential use.
- (h) Requiring respondents to submit proprietary trade secret, or other confidential information unless the agency can demonstrate that it has instituted procedures to protect the information's confidentiality to the extent permitted by law.

This information collection is conducted in a manner consistent with the guidelines in 5CFR 1320.5(d) (2).

8. Federal Register Notice:

- a. Provide a copy and identify the date and page number of publication in the Federal Register of the agency's notice soliciting comments on the information collection prior to submission to OMB. Summarize public comments received in response to that notice and describe actions taken by the agency in response to these comments. Specifically address comments received on cost and hour burden.

On March 28, 2008, the Department published a 60 Day Federal Register Notice (73 FR 16696). There were no comments received.

On June 3, 2008, the Department published a 30 Day Federal Register Notice (73 FR 31705).

9. Explain any decision to provide any payment or gift to respondents, other than remuneration of contractors or grantees.

There is no offer of monetary or material value for this information collection.

10. Describe any assurance of confidentiality provided to respondents and the basis for the assurance in statute, regulation, or agency policy.

The survey instrument states that the information will be kept private or anonymous to the extent allowable by law. The iCAV survey does not collect sensitive or proprietary information. It is a voluntary survey, not requiring nor imposing any conditions for participation. Data collected is for internal iCAV PMO, IICD and IP use only.

11. Provide additional justification for any questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private. This justification should include the reasons why the agency considers the questions necessary, the specific uses to be made of the information, the explanation to be given to persons from whom the information is requested, and any steps to be taken to obtain their consent.

There are no questions of a sensitive nature.

12. Provide estimates of the hour burden of the collection of information. The statement should:

- a. Indicate the number of respondents, frequency of response, annual hour burden, and an explanation of how the burden was estimated. Unless directed to do so, agencies should not conduct special surveys to obtain information on which to base hour burden estimates. Consultation with a sample (fewer than 10) of potential respondents is desired. If the hour burden on respondents is expected to vary widely because of differences in activity, size, or complexity, show the range of estimated hour burden, and explain the reasons for the variance. Generally, estimates should not include burden hours for customary and usual business practices.
- c. Provide estimates of annualized cost to respondents for the hour burdens for collections of information, identifying and using appropriate wage rate categories. The cost of contracting out or paying outside parties for information collection activities should not be included here. Instead, this cost should be included in Item 14.

It is estimated that the survey is typically completed, depending on the amount of comments, in 8 minutes. During the initial calculations it was estimated incorrectly at 10 minutes which was reflected in the published Federal Register notice. Following a pretest of the instrument, 8 minutes was found to be more accurate and is reflected in the table below.

Table A.12: Estimated Annualized Burden Hours and Costs

Type of Respondent	Form Name	No. of Respondents	No. of Responses per Respondent	Avg. Burden per Response (in hours)	Total Annual Burden (in hours)	Average Hourly Wage Rate	Total Annual Respondent Cost
Training participants	iCAV survey	200	1	.1333	27	\$33.55	\$905.85
Total		200			27		\$905.85

The average hourly wage reflects varied skill sets from computer science technicians and analysts to first responders who would reasonably be expected to attend iCAV training and use the tool. The \$33.55 hourly wage rate was derived by averaging the mean hourly wage estimates of these participants (\$34.71/hr. for 15-000 series and \$32.38/hr for 33-1021 series) from Bureau of Labor Statistics Wage Data as of May 2007 (<http://www.bls.gov/bls/wages.htm>).

13. Provide an estimate of the total annual cost burden to respondents or recordkeepers resulting from the collection of information. (Do not include the cost of any hour burden shown in Items 12 and 14.)

There are no record keeping, capital, start-up or maintenance costs associated with this information collection.

14. Provide estimates of annualized cost to the Federal Government. Also, provide a description of the method used to estimate cost, which should include quantification of hours, operational expenses (such as equipment, overhead, printing and support staff), and any other expense that would have been incurred without this collection of information. You may also aggregate cost estimates for Items 12, 13, and 14 in a single table.

IICD has purchased access to a Web-based survey programming tool, Vovici EFM Feedback, which allows for survey programming, administration, and basic data analysis. The financial costs for collecting information will decrease dependent on the number of surveys automated using this tool. The initial application cost \$1,250.00 with an annual \$1,000 maintenance fee. However, these fees cover the iCAV survey and surveys for other IICD programs. The cost per survey will diminish as the tool is used for other surveys. However, if no other surveys use the application in FY08, the cost will total \$2,250.00.

The other cost to the Federal Government will be the salary of the Federal and contract/support staff that design, administer and review this material. The level of staff that design, administer, and analyze the collected materials may vary from a GS-11 to a GS-13 salary. The average hourly wage for GS-11/GS-12/GS-13 personnel from GS Salary tables for 2008 Washington, D.C. area locality pay is \$38.74. Estimates are that it takes 40 hours to review, analyze and create each quarterly report (4 reports) and annual report (1 report) and 100 hours for survey design and administration.

Cost Category	Form Name	Hours for Design/ Administration	Hours per Report	Number of Reports	Total Annual Burden (in hours)	Average Hourly Wage Rate	Total Annual Cost
Programming tool	iCAV survey	NA	NA	NA	NA	NA	\$2,250
GS 11/12/13 personnel	iCAV survey	100	40	5	300	\$38.74	\$11,622.00
Total					300		\$13,872.00

15. Explain the reasons for any program changes or adjustments reported in Items 13 or 14 of the OMB Form 83-I. Changes in hour burden, i.e., program changes or adjustments made to annual reporting and recordkeeping **hour** and **cost** burden. A program change is the result of deliberate Federal government action. All new collections and any subsequent revisions of existing collections (e.g., the addition or deletion of questions) are recorded as program changes. An adjustment is a change that is not the result of a deliberate Federal government action. These changes that result from new estimates or actions not controllable by the Federal government are recorded as adjustments.

This is a new information request.

16. For collections of information whose results will be published, outline plans for tabulation and publication. Address any complex analytical techniques that will be used. Provide the time schedule for the entire project, including beginning and ending dates of the collection of information, completion of report, publication dates, and other actions.

The iCAV program will not publish the iCAV survey results and they are for internal use only. All survey reporting is internal to IP, IICD, and the iCAV PMO. Survey results will be used at the IP level for reporting of performance metrics. The iCAV survey will be analyzed using frequencies and cross tabulations in SPSS statistical software. Weighting will not be performed because population parameters are unknown and data is not estimated to the population. Data is aggregated quarterly and annually to identify areas in need of improvement and identify trends. Data is collected on a continuous basis with surveys administered at the conclusion of each instructor-led training session which are scheduled throughout the year.

17. If seeking approval to not display the expiration date for OMB approval of the information collection, explain reasons that display would be inappropriate.

IICD will display the expiration date for OMB approval of this information collection.

18. Explain each exception to the certification statement identified in Item 19 “Certification for Paperwork Reduction Act Submissions,” of OMB Form 83-I.

IICD does not request an exception to the certification of this information collection.