



Virginia Information Technologies Agency

Commonwealth Information Security Officers Advisory Group (ISOAG) Meeting

October 3, 2012



ISOAG October 2012 Agenda

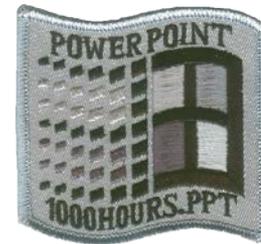
- | | | |
|-------------|--|---|
| I. | Welcome & Opening Remarks | Michael Watson, VITA |
| II. | TSA's Secure Mobile Computing Program | Kevin Lawson, and Dale Beauchamp, TSA |
| III. | COV Emergency Operations Plan | Donna Pletch, VDEM |
| IV. | BIA | Ed Miller, VITA |
| V. | Data Points | Michael Watson, VITA |
| VI. | Upcoming Events & Other Business | Michael Watson, VITA |
| VII. | Partnership Update | Bob Baskette, VITA and Michael Clark, NG |

They Can Hear You Now !

**Hacking Mobile Devices a Potential Threat
to Personal and National Security
By Dale Beauchamp**



**Transportation
Security
Administration**

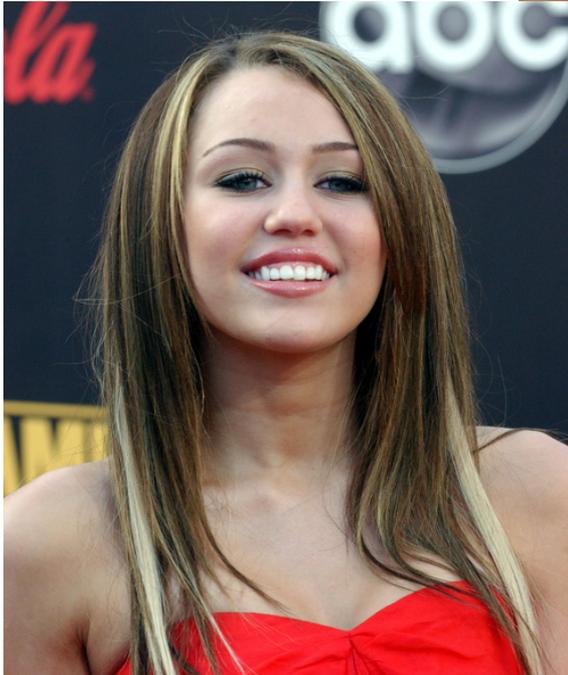


Transportation
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HACKED



TMZ.com



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Beware

Because doing damage has nothing to do with size



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What's In It For ME

- Threat Motivators
- General Exploits
- Mobile Exploits
- Fact or Fiction
- Protection



Threat Motivators

- Money
- Radicalism



Exploit Vectors In General

- Unauthorized Access
 - Local access
 - Remote access
- Authorized Access
 - Intentional acts
 - Unintentional acts



Cellular Hacking Methods

- Local access
- Remote access
- Geo location
- Social Engineering



Local Access

- Phone and SIM card cloning
- Image/ copy phone
- Manual review
- Deploy spyware



Remote Access

- SMS message exploit
- Man in the middle
- Compromise of service provider
- Web access to account
- Compromise through dual mode access



Geo location



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OHIO

WEST VIRGINIA

VIRGINIA

NORTH CAROLINA

SOUTH CAROLINA

GEORGIA

FLORIDA

KENTUCKY

MISSISSIPPI

ALABAMA

LOUISIANA

MARYLAND

DELAWARE

UPPER

UNION

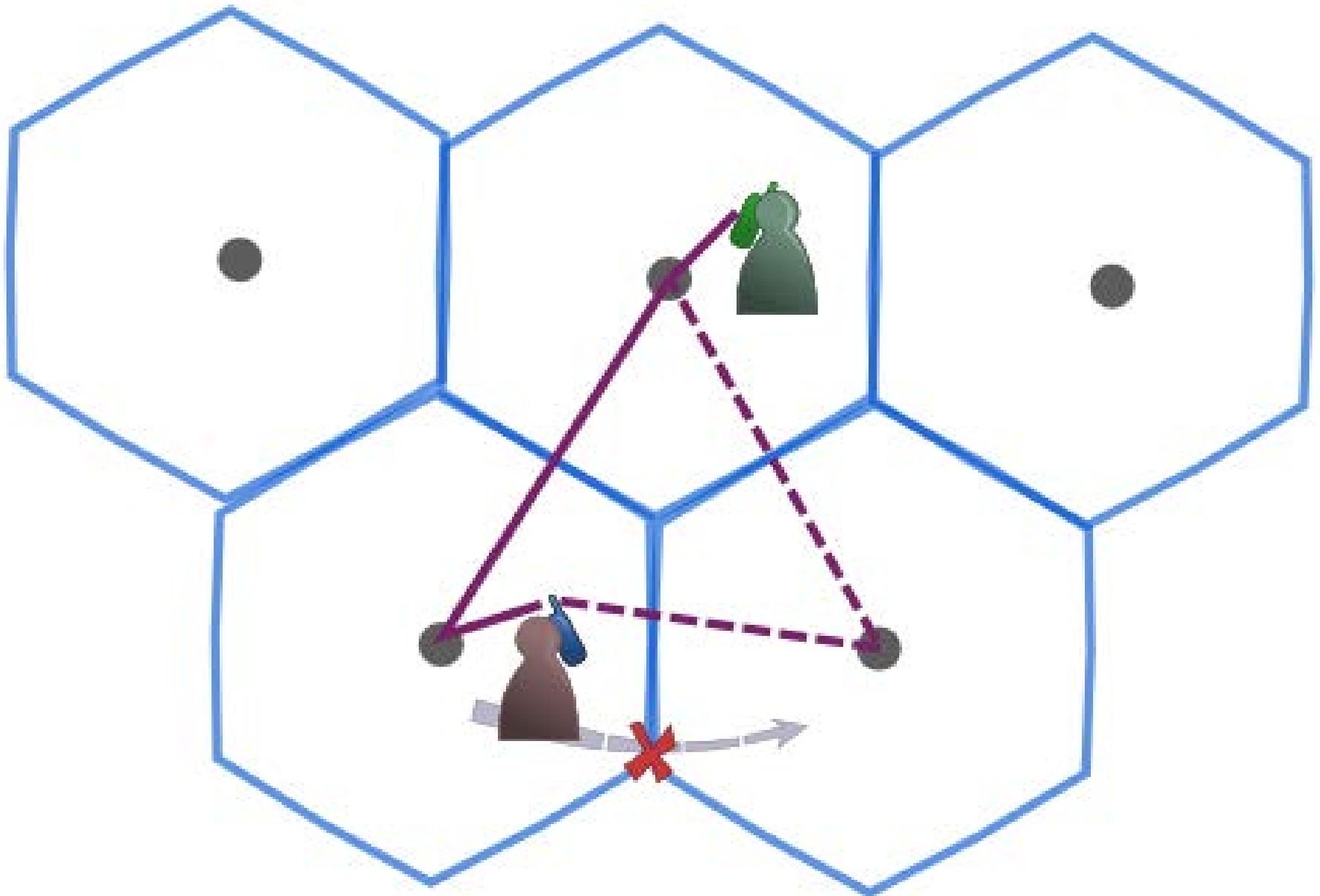
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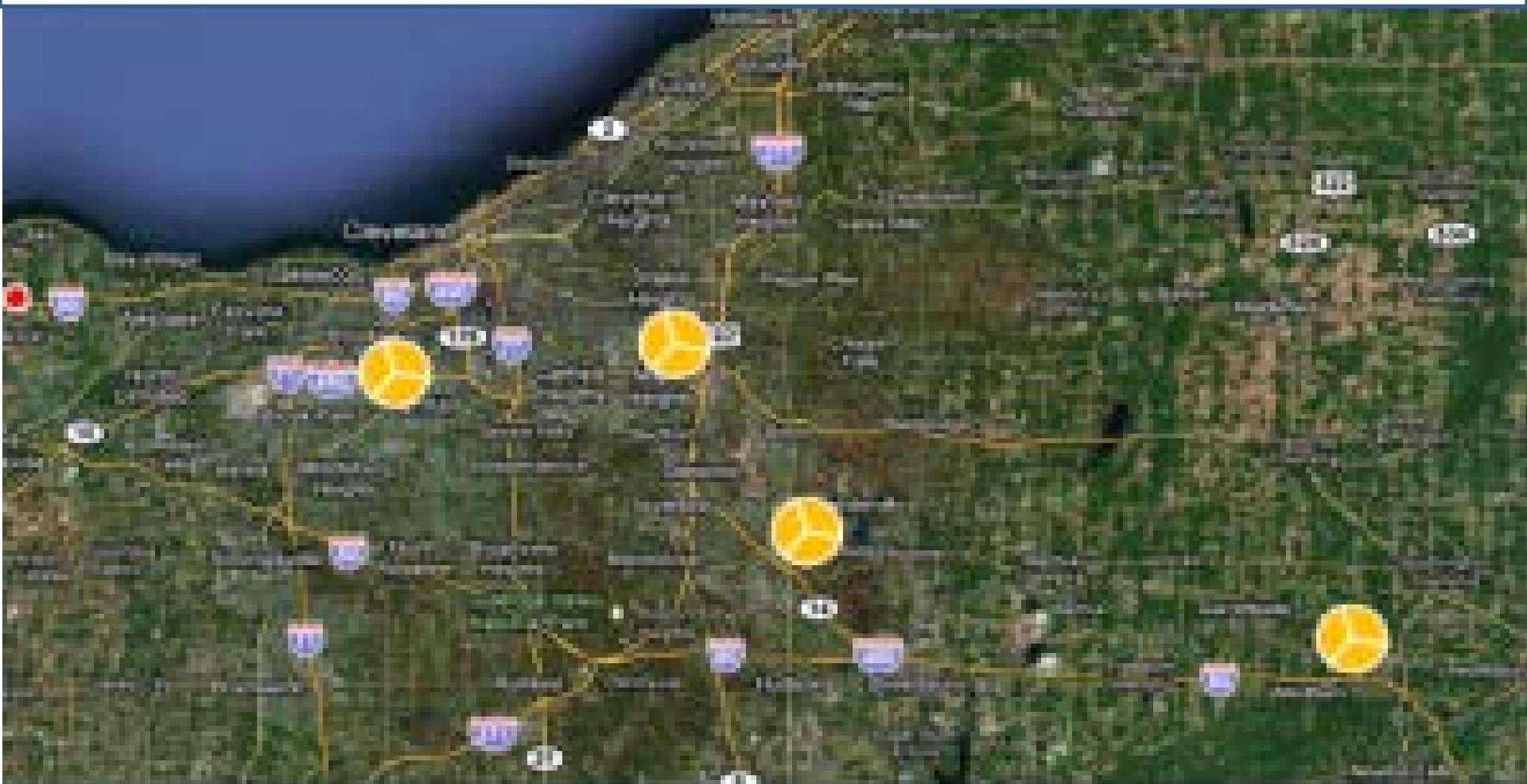
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Triangulation









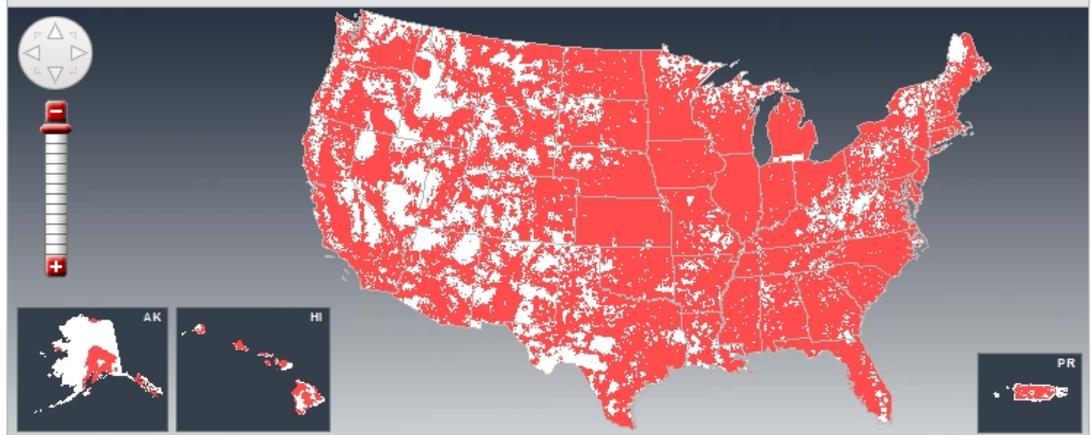
Residential Business **Wireless**

Phones & Accessories Plans Features & Downloads Messaging Business Support My Verizon

Coverage Locator

[Directions](#) | [Print](#)

Street Address City, State or Zip



Select Coverage Type

- Voice & Messaging**
 - Includes: [Voice Calls](#), [Text Messaging](#)
- Enhanced Services**
 - Includes: [National Access](#), [Mobile Email](#), [Picture/Video Messaging](#), [Mobile Web](#), [YZ Navigator](#), [Chaperone](#)
- Broadband & V CAST**
 - Includes: [Mobile Broadband](#), [Push to Talk](#), [V CAST](#)
- V CAST Mobile TV**
 - Includes: [Mobile Tv](#)
- Prepaid**
 - Includes: [Prepaid](#)

Map Legend

- Digital Coverage
- Analog Coverage
- No Coverage

[International Coverage](#)
[Broadband 3G Network Comparisons](#)

These Coverage Locator depictions apply to the following calling plans:



Transportation Security Administration

Chaperone

Sign Out

- Overview**
- Product Details
- How to Get
- Family Resources

You need flash to see this.

Existing Users

Sign in to use Chaperone.



Sign Out

[Register](#) | [Learn More](#)

Get Chaperone!

From your PC or phone, enjoy the comfort of locating family members anytime, anywhere. Chaperone is a simple, secure service allows you to:

- Get your Chaperone phones. Choose from Chaperone-capable devices for parents and family members.
- Add Chaperone to your account. Subscribe to Chaperone as part of your Family SharePlanSM.
- Setup chaperone online. Manage your Chaperone settings on our website.

\$9.99 Monthly Access

How To Get Chaperone

Explore Chaperone

- > [Product Details](#)
- > [Upgrade to Chaperone 2.0](#)
- > [Chaperone Coverage Map](#)
- > [FAQs](#)



You need flash to see this.

Locate a Store



Locate a Store

Find the Verizon store nearest you.

Usage Control



Usage Control

Get peace of mind knowing when and how your children are using their phones.

VZ NavigatorSM



VZ Navigator

Locate more than 14 million local businesses and attractions in the United States, including hotels, restaurants, ATMs and more.

Subject to specific terms of use, Verizon Wireless does not guarantee the accuracy or completeness of any information, including location information. Only available in the National Enhanced Services Rate and Coverage Area. Chaperone and Child Zone should not be used as child management tools and are not a substitute for adult supervision. Unless you subscribe to the V CAST VPak, V CAST Mobile TV Select, or Premium Calling Plans, downloading the Chaperone Parent or Chaperone Child applications will require approximately 2MB of data. Megabyte charges will not be incurred for using the Chaperone Child application after download to the device, but will be incurred for Chaperone-related data usage on the Chaperone Parent device. Megabyte cost is assessed will be assessed each month, rounded up to the next megabyte, and billed at \$1.00/MB.





Residential

Business

Wireless

Search

Phones & Accessories Plans Features & Downloads Messaging Business Support My Verizon

Chaperone

Welcome, 443-██████████ [Sign Out](#)

Home Locate Child Zones™ Send a Message Profiles FAQs ? Help: Home

Locate Children

View the current locations of your children.

 **Emily**
443-██████████

[Child Zones](#)
[Send a Message](#)
[Profile](#)

Parents & Caregivers

 **Me**
443-██████████

> [Send a Message](#)
> [Profile](#)

Child Zones

No Child Zones created yet.

Send a Message
Send text messages to activated Chaperone phones.

> [Send Message](#)



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Transportation Security Administration



Residential

Business

Wireless

Search

Phones & Accessories

Plans

Features & Downloads

Messaging

Business

Support

My Verizon

Chaperone

Welcome, 443-██████████ [Sign Out](#)

Home

Locate

Child Zones™

Send a Message

Profiles

FAQs

Help: Locate

View the current locations of Chaperone phones in your account.

Children



Emily

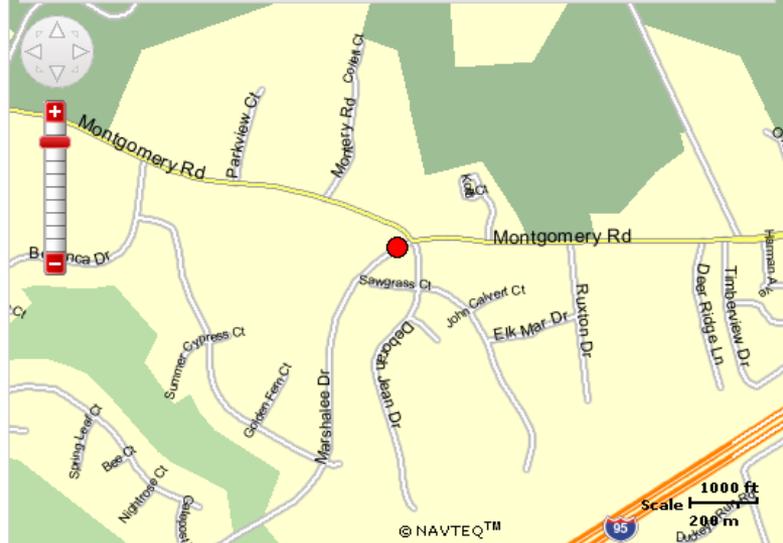
Last located 6:47 am

Locate Again

Map Locations List Locations

Print

Street: City, State, Zip: Search



Show Landmarks

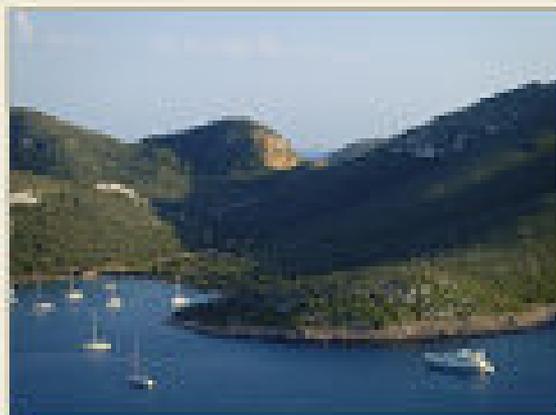


GPS



Thumbnail Auto Rotation View Full Information

< 764 / 1001 >



| Item | Content |
|-------------------|--|
| GPS Information | |
| GPSLatitude | 39 deg 9' 10.95" N |
| GPSLatitudeRef | North |
| GPSLongitude | 2 deg 55' 56.11" E |
| GPSLongitudeRef | East |
| GPSPosition | 39 deg 9' 10.95" N, 2 deg 55' 56.11" E |
| GPSVersionID | 00 |
| Other Information | |
| ApertureValue | 4.4 |
| BitsPerSample | 8 |
| ColorComponents | 3 |
| Copyright | COPYRIGHT, 2006 |
| DigitalZoomRatio | 0 |
| Directory | C:\user\Klaus Nahr\Bilder\Reisen\Mallor... |
| EncodingProcess | Baseline DCT, Huffman coding |
| ExifImageLength | 1944 |
| ExifImageWidth | 2592 |
| ExifVersion | 0220 |
| ExposureIndex | 1 |

[Visit KUSO Exif Viewer V2.0 Site](#)

LiloHuang © KUSO.CC

When GPS locations are good



Social Engineering

- Password guessing
- Social patterns
- Identify associates



When Droids Attack!!





UNCLASSIFIED FOUO

Protection Methods

- Signal Isolation
- Handset password
- Firmware upgrade
- Remove Battery
- Vigilance





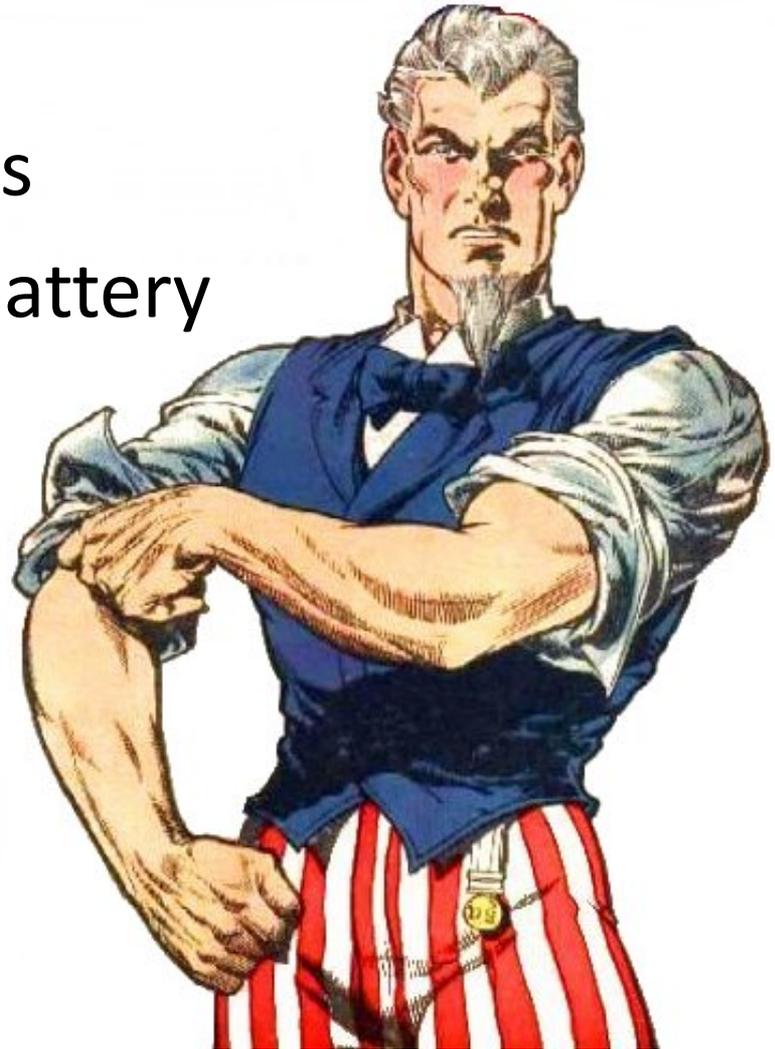
Firm Ware Upgrade

- Firmware Over Wireless Upgrade
 - Occasionally done by service provider
 - *228 force Verizon phones
 - Select option 2 to update roaming
- iPhone hackers upgrade often



Conclusions

- Don't bend security policies
- Power down and remove battery
- Refresh firmware often
- Use Passwords
- Use encryption
- Isolate Signal and wifi
- Be vigilant
- Practice good OPSEC





Dale Beauchamp

Branch Chief

Focused Operations

TSA IT Security

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Arlington VA 20598

BB 202-596-0486

Desk 571-277-5328



**Transportation
Security
Administration**

TRANSPORTATION SECURITY ADMINISTRATION



Tips for Traveling with Mobile Devices



Lost, Stolen, Damaged

Experts Predict 67,000 Phones Will Be Lost During Olympics

8:00 AM - July 25, 2012 by Jane McEntegart - source: Telecom Reseller

Like 21 Send Twitter 19 +1 0 StumbleUpon 0 Share 40

Find My iPad app finds thieving flight attendant



the Clackamas Sheriff's Office
Mugshot of Wendy Ronelle Dye.

By Associated Press staff

Police say a Nevada man who lost his iPad on an airplane used an [app](#) called Find My iPad to locate it inside the Oregon home of a flight attendant.

Officers in Oregon City, outside Portland, arrested 43-year-old Wendy Ronelle Dye Friday evening.

The flight attendant for Horizon Air allegedly told officers that a passenger brought her the tablet saying it was found on a seat. She said she never used the iPad and planned to turn it over to airline officials, but police found some of her personal information on it including her husband's birthday.

ears, preparing the city to descend upon London to see crowds of London over the next few led for thieves, as a recent during the games.



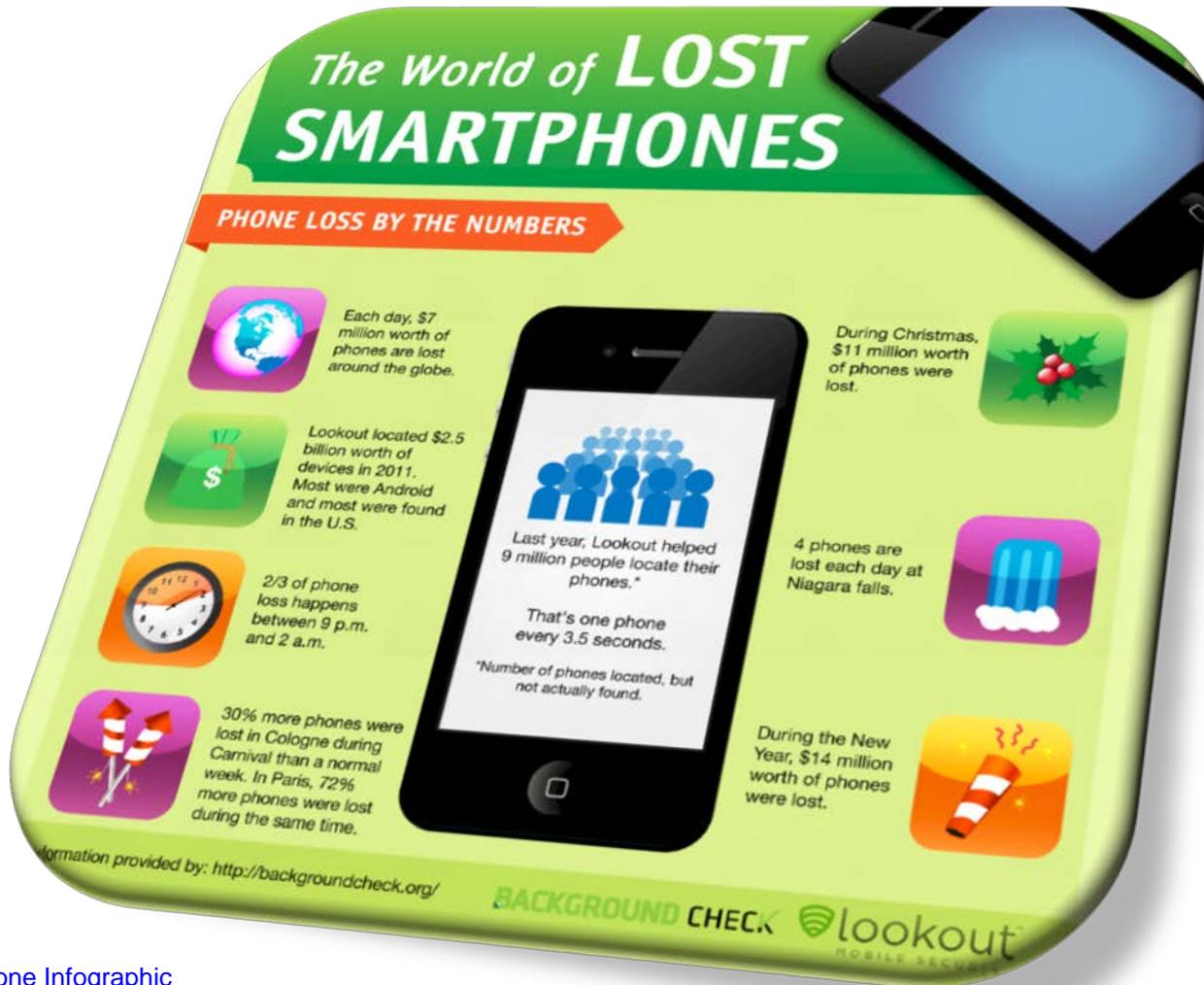
Zoom

by a third, with the tube population, Venafi expects the two weeks London number of devices lost during

ound in our pockets, this terabytes of potentially etter make sure you have a when exiting public transport p your wits about you when



Co\$T of Lo\$t Cell Phone\$



Emotional Attachment



Losing Wedding Ring Less Stressful Than Losing Mobile Device

By [GENEVIEVE SHAW BROWN \(@gsbrownabc\)](#)

June 20, 2012



What's being done?



Carriers, FCC Team to 'Brick' Stolen Smartphones as a Theft Deterrent

BY BETH CARTER 04.10.12 5:07 PM
Follow @elizabcarter



NEW YORK — The nation's major wireless telephone companies and the FCC announced an initiative Tuesday that aims to reduce the theft of smartphones by creating the means to completely disable them remotely — what could be a major deterrent in the skyrocketing black market for high-end mobile phones.



Tips for Navigating the Checkpoint



Tips for Navigating the Checkpoint

1

Put contact information on your device.



- ✓ Tape your business card to the device
- ✓ Update the lock screen
- ✓ Have the device engraved
- ✓ Buy a custom engraved case



Tips for Navigating the Checkpoint

2

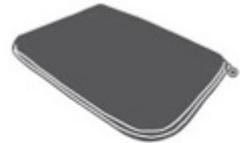
Standard-sized laptops need to be placed in a bin or “checkpoint friendly” laptop bag.



Butterfly Style



Trifold Style



Sleeve Style

3

Keep all small electronics (phones, tablets, ultrabooks, video games, MP3 players) in a carry-on bag.



4

Divest everything before going through the metal detector or AIT. An alarm at the WTMD or AIT will trigger additional screening.



Tips for Navigating the Checkpoint



5

Put your most valuable belongs on the belt last... and remain with them until they enter the x-ray machine before proceeding to the metal detector or AIT. That way, you should be through screening when your bags come out.

6

Don't forget to collect all your belongings before leaving the checkpoint.

▶ Be careful when stacking bins that you (or someone else) hasn't left items inside a bin. Once they are stacked... it's "out of sight, out of mind."



Tips for Navigating the Checkpoint

7

Finding an available power outlet is a beautiful thing... but don't leave your phone, tablet, laptop, or other device charging unattended.

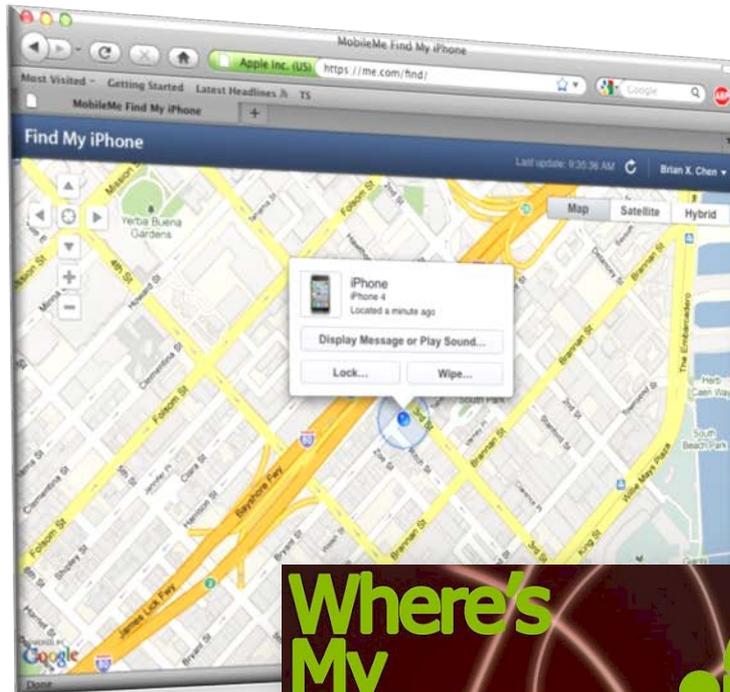


Tips for Navigating the Checkpoint

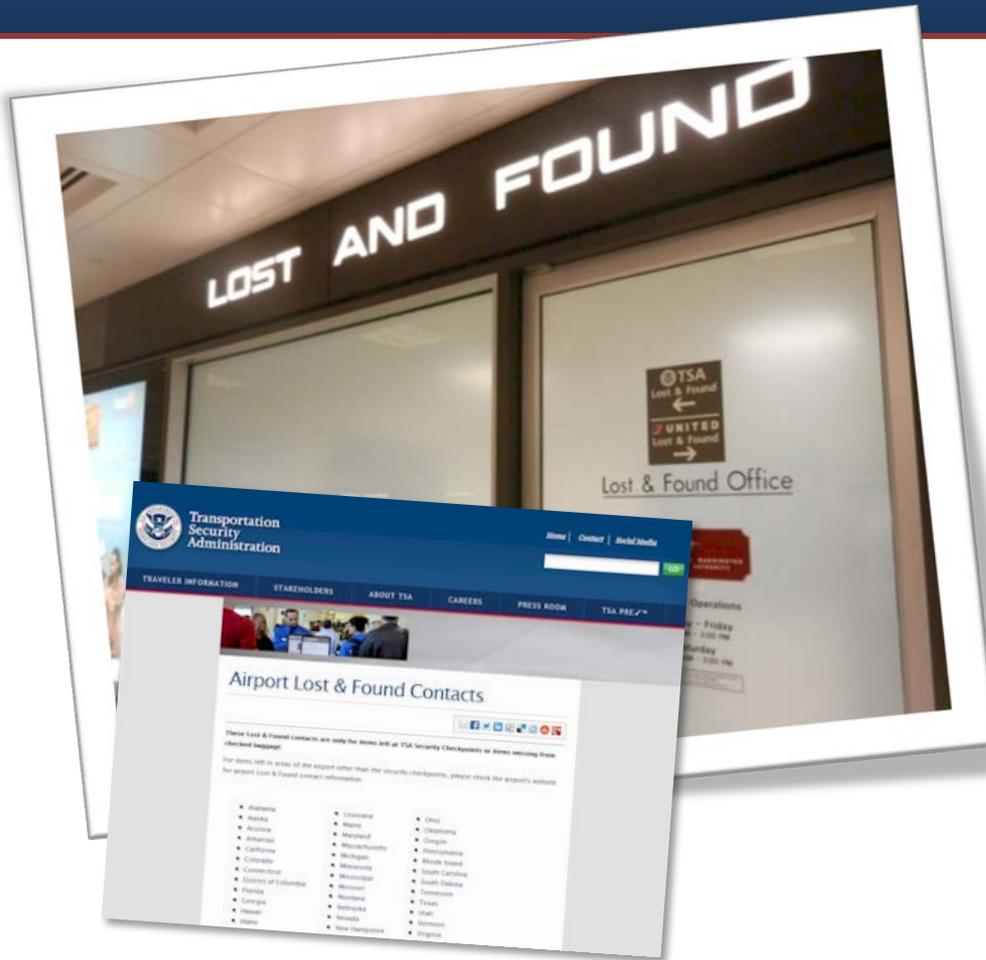
8

Where possible leverage tools to secure and locate/track your devices.

Passwords are an absolute minimum.



Tips for Navigating the Checkpoint



8

If you do lose a device... contact the airline and/or airport lost & found.



Lost & Found contact numbers for each airport can be found at TSA.gov.

<http://www.tsa.gov/airport-lost-found-contacts>



Questions?

<http://www.tsa.gov>

<http://blog.tsa.gov>

Kevin Lawson

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Department of Homeland Security

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Commonwealth of Virginia
Emergency Operations Plan (COVEOP)
and
Executive Branch Continuity Program



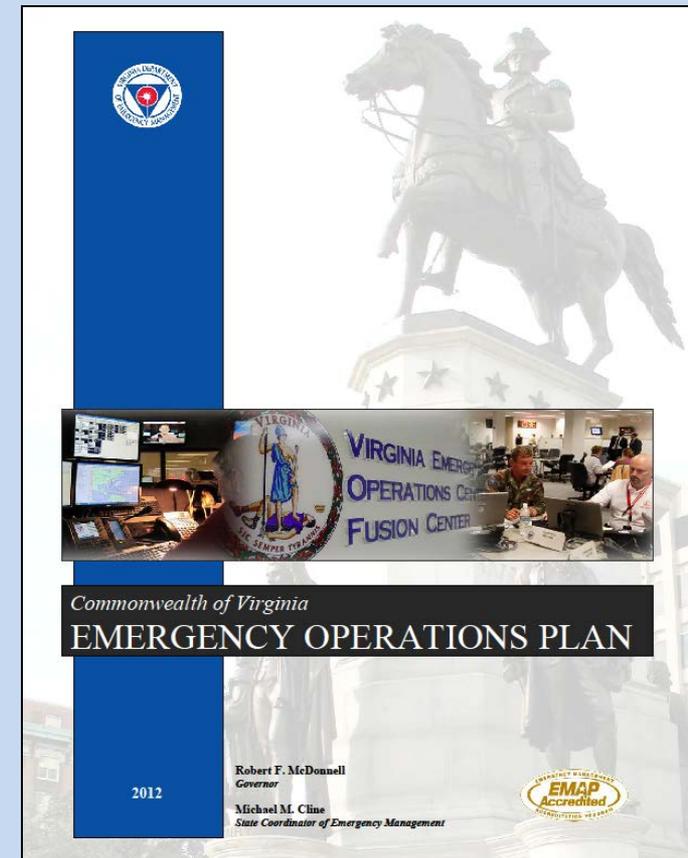
Donna Pletch
Manager
State Planning Assistance Branch
Preparedness Division

October 2012



Commonwealth of Virginia Emergency Operations Plan (COVEOP)

- Maintained by VDEMs Preparedness Division, State Planning Assistance Branch
- Promulgated every 4 years by the Governor
- The plan is posted on the VDEM web site at:



<http://www.vaemergency.gov/em-community/plans/2012COVEOP>



COVEOP FUNDAMENTALS

- Commonwealth's all-discipline, all-hazards plan that establishes a single, comprehensive framework for the management of statewide incidents
 - Flexible and scalable
- Establishes the overall authority, roles, and functions that may have to be implemented during emergencies or disasters.
 - Needs and capabilities based plan
 - Detailed response procedures are not included
 - These are more appropriately documented in each agency/organization standard operating response procedures



COVEOP FUNDAMENTALS

- Founded upon the concept that emergency operations begin at the local level, and state assistance will be provided upon request when needs exceed local capabilities.
- Follows content and maintenance guidance of:
 - FEMA's Comprehensive Preparedness Guide (CPG-101) version 2.0
 - The National Response Framework (NRF)
 - Emergency Management Accreditation Program (EMAP) Standard, September 2010



COVEOP FUNDAMENTALS

- Identifies lead and supporting agencies, as well as non-governmental organizations and private sector partners known as the Virginia Emergency Response Team (VERT):
 - 50 state government agencies/organizations
 - 10 non-governmental and private sector partners





COVEOP FUNDAMENTALS

- Beginning in 2011, the COVEOP underwent a comprehensive review and update by the VERT:
 - Clarified roles, responsibilities, and authorities
 - Invited additional private sector partners to participate in the planning process
 - Standardized and streamlined the plan, and moved non-response related elements to technical support documents
 - Update was conducted in accordance with the VDEM COVEOP Management Standard Operating Procedure
- This updated version of the COVEOP was promulgated by Governor McDonnell on August 20th 2012



COVEOP FUNDAMENTALS

- The plan is comprised of:
 - Basic Plan
 - Establishes the concepts and policies under which the state's emergency response and recovery organization will operate
 - 17 Emergency Support Functions

- ESF #1 - Transportation
- ESF #2 - Communications
- ESF #3 - Public Works & Engineering
- ESF #4 - Firefighting
- ESF #5 - Emergency Management
- ESF #6 - Mass Care
- ESF #7 - Logistics Management & Resource Support
- ESF #8 - Public Health & Medical Services
- ESF #9 - Search & Rescue
- ESF #10 - Oil & Hazardous Materials Response
- ESF #11 - Agriculture & Natural Resources
- ESF #12 - Energy
- ESF #13 - Public Safety & Security
- ESF #14 - Recovery & Mitigation
- ESF #15 - External Affairs
- ESF #16 - Military Affairs
- ESF #17 - Volunteer & Donations Management



COVEOP FUNDAMENTALS

- Five (5) Support Annexes that address unique or cross cutting response capabilities, needs, or considerations not addressed in the ESFs:
 - Finance & Administration
 - Mass Care & Sheltering
 - Evacuation & Re-entry
 - Recovery Programs
 - Continuity of Government (COG)



COVEOP FUNDAMENTALS

- Six (6) Hazard Specific Annexes that address unique response capabilities, needs, or considerations not addressed in the ESFs:
 - Pandemic Influenza Response
 - Hazardous Materials Response
 - Radiological Emergency Response
 - Hurricane and Tropical Storm Response
 - Terrorism Consequence Management
 - Technological Hazards Response
 - Cyberterrorism, extreme solar weather, space object re-entry
 - *Earthquake Response*

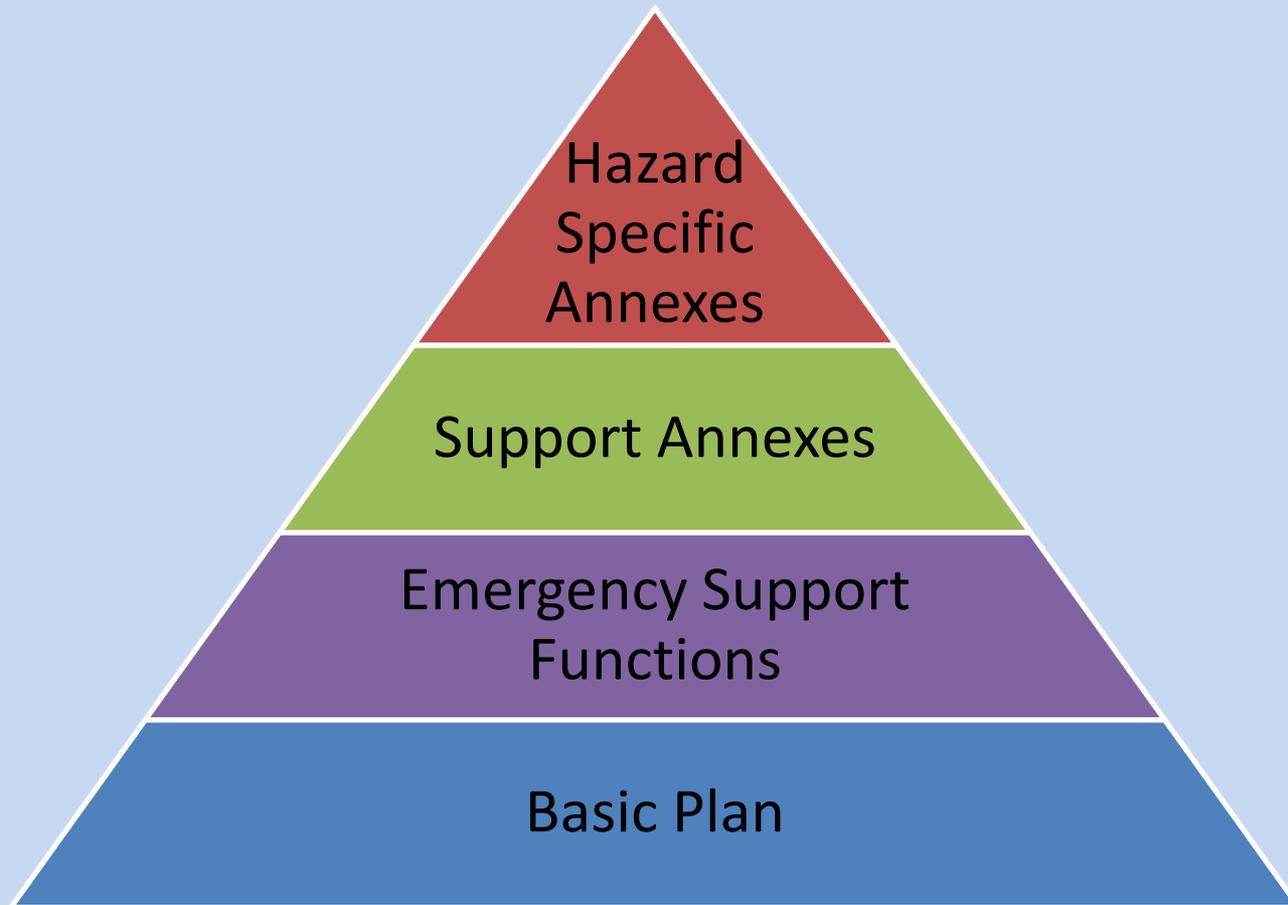


COVEOP FUNDAMENTALS

- For operational security reasons, access to some COVEOP annexes or their technical support documents may be restricted
 - Access requests should be submitted to VDEMPreparedness@VDEM.Virginia.gov
 - Requests are considered on a case-by-case basis
 - A signed non-disclosure form is required



COVEOP FUNDAMENTALS





FUTURE COVEOP UPDATES

- COVEOP updates are on-going and often result from:
 - Needs or capability changes (resources, staff, equipment) of supporting agencies, NGOs, or private sector partners
 - Lessons learned from exercises or actual events
 - New FEMA guidance
 - New or emerging threats



Commonwealth of Virginia

Executive Branch Continuity Program



Donna Pletch

Manager

State Planning Assistance Branch

Preparedness Division

October 2012



Executive Branch Continuity Program

- *§ 44-146.18*: States that the Virginia Department of Emergency Management (VDEM) shall provide guidance and assistance to state agencies and units of local government in developing and maintaining emergency operations and **continuity of operations programs, plans and systems**.
- State Planning Assistance Branch within the Preparedness Division of VDEM manages State Continuity Program for executive branch agencies.



The History of the Executive Branch Continuity Program

- Commonwealth executive branch agencies and institutions of higher education first began continuity planning in 2004 at the direction of Governor Kaine.
 - The Commonwealth had a desire to become accredited through the Emergency Management Accreditation Program (EMAP).
 - VDEM published the first template in 2004 under the direction of the Governor's Office of Commonwealth Preparedness.
 - Governor Kaine issued Executive Order #44 requiring Executive branch agencies to use the VDEM template.
 - EO #44 authorized VDEM to review all executive branch agency plans and report on the status of those plans to the Governor by December 1st of each year.



The Importance of State Continuity Planning

WHY IS STATE CONTINUITY PLANNING IMPORTANT?

- Local governments and citizens rely on state agencies for services and assume the State will be in business to help them during emergencies.
 - Continuity planning is critical to the Commonwealth's ability to deliver valuable services to its citizens during and immediately after a disaster or non-disaster disruption of services.
- It's the right thing to do.



Changes in State Continuity Planning

- Through the EMAP reaccreditation process in 2010, VDEM identified a need to update the states Continuity Program.
 - A model that had higher level focus and ensured citizens were going to receive the services they needed during a disaster.
 - Coordinated approach to state continuity planning that clearly identified the functional interdependencies between agencies.
 - More detailed plans, including documentation of business processes.



Changes in State Continuity Planning

- A work group was established in March 2011:
 - The work group developed a new model and template using the most recent Federal guidance for States (CGC-1 and CGC-2).
 - The documents were sent out to agency representatives for comment in October 2011.
 - The model and template were finalized and distributed to agencies in December 2011 and posted on the VDEM web site at:

<http://www.vaemergency.gov/em-community/plans/coop>



Continuity Plan Training

- From January to March 2012, six Continuity Plan Workshops were held throughout the state for Executive Branch Agency representatives.
- A Continuity Plan Workshop was also offered for Independent, Judicial, and Legislative Branch agencies.
- A total of 141 state agency representatives from 95 agencies attended the training.



New Executive Branch Continuity Requirements

- Governor McDonnell issued Executive Order #41 in September 2011, which rescinded and replaced Executive Order #44.
- Executive Order #41 requires executive branch agencies and institutions of higher education to:
 - Create or update Continuity Plans to include relevant information and to ***conform to the most recent template produced by VDEM.***
 - ***Submit an electronic copy of their Continuity Plan to VDEM by April 1st of each year.***
- Executive Order #41 also authorizes the Secretary of Veterans Affairs and Homeland Security, in consultation with VDEM, ***to review executive branch agency Continuity Plans by October 31st of each year and report on the status of these plans to the Governor by December 31st of each year.***



The New Executive Branch Continuity Model

- The new state continuity planning model was not only a change in continuity planning methodology, it was a change in *philosophy*.
- All-hazards and scalable (disaster or non-disaster disruption of services)
 - Loss of a facility (*or a portion of a facility*)
 - Equipment or system failure
 - Reduction in workforce (previously called Pandemic Influenza Plan)



The New Executive Branch Continuity Model

- Functions based planning:
 - Not based on a single facility or group of facilities.
 - Not IT centric.
 - Agencies are required to identify Mission Essential Functions (MEFs) and supporting Primary Business Functions (PBFs).
 - Why was the agency created?
 - What is their mission?
 - What are they required to do by law or Executive Order?

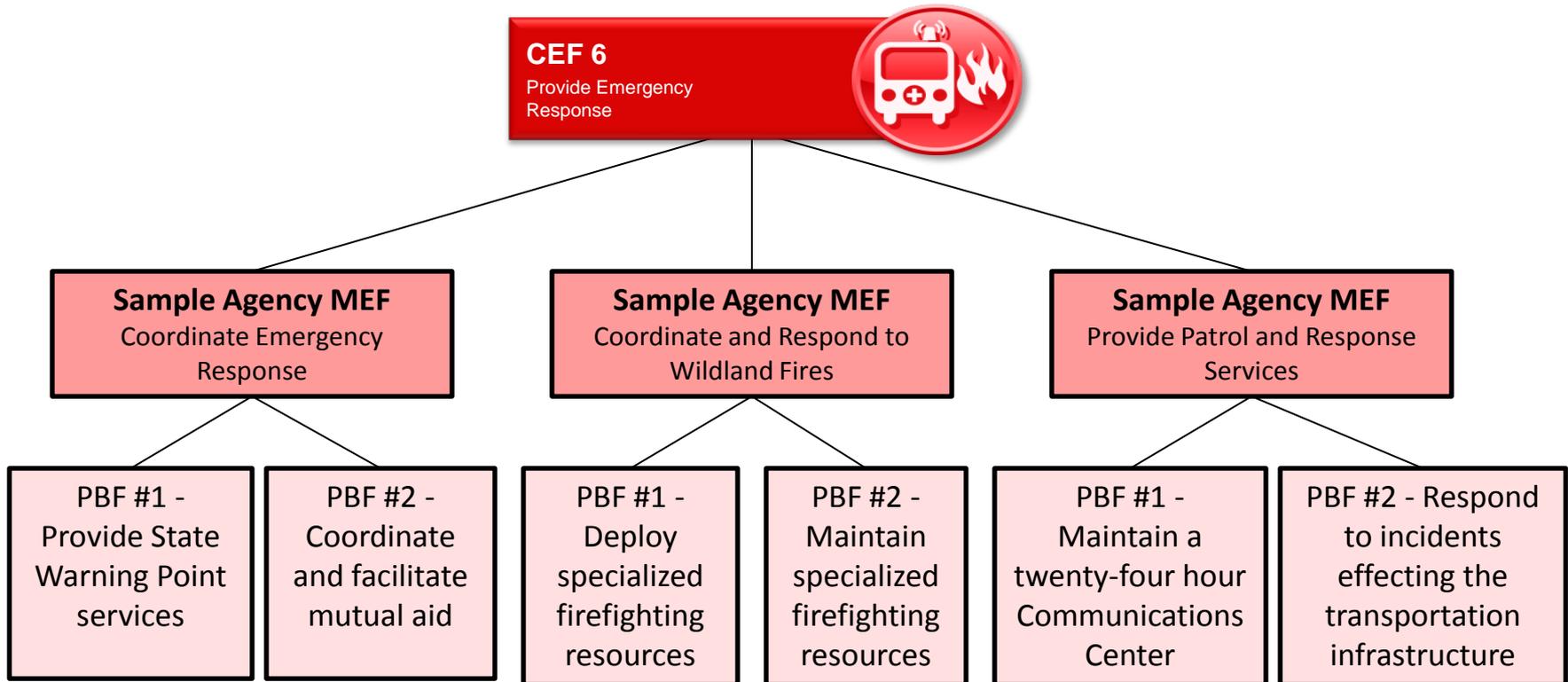
- Planning must be a coordinated agency wide effort.



Commonwealth Essential Functions

- MEFs *should* support one or more of the eight (8) Commonwealth Essential Functions (CEFs) established in the 2012 version of the Continuity of Government Annex of the COVEOP:
 - Maintain Continuity of Government
 - Provide Visible Leadership
 - Defend the Constitution
 - Maintain Effective Relationships with Neighbors and Partners
 - Maintain Law and Order
 - Ensure Availability of Emergency Services
 - Maintain Economic Stability
 - Ensure the Availability of Basic Essential Services

Commonwealth Essential Function and Mission Essential Function Alignment Model



To be used for example purposes only and may not represent actual MEFs for state agencies.



The New Executive Branch Continuity Model

- The continuity model leads agencies through a process to identify all resources required to perform MEFs and PBFs, including:
 - Leadership and staff
 - Systems and/or equipment
 - Budgeting requirements
 - Partners and interdependencies (both public and private sector)
 - Process details (how the function or job is performed)

| MEF# - Business Process Analysis (BPA) Data Sheet (MEF Title) (Date) |
|--|
| MEF Statement: <i>(Copy of MEF Statement)</i> |
| MEF Narrative: <i>(Copy of MEF Narrative)</i> |
| MEF Output: <i>(A list describing the MEF output, i.e., what products and services are produced or delivered to external partners or constituents. If possible, metrics that provide time and other performance measures should be included).</i> |
| MEF Input: <i>(A list describing information, authorizations, supplies, and services required to perform the MEF. Each input should briefly describe how the input supports the overall process).</i> |
| Leadership: <i>(A list identifying the key senior leaders [by position or title] who are required to participate directly in performance of the MEF).</i> |
| Staff: <i>(A list of staff requirements to accomplish the MEF. This should include staff needed for essential supporting activities as well as MEF accomplishment. Requirements for multiple shifts and back up personnel should be identified, particularly if 24/7 operations are expected. Authorities, qualification, and certification should be specified. Staff requirements should be identified by position [e.g., Fire Chief] or capability [Emergency Medical Technician], rather than by name).</i> |
| Communications and IT: <i>(A list identifying general and unique communications and IT requirements).</i> |
| Facilities: <i>(A description of the facility requirements to accommodate mission performance, including office space, industrial capacity and equipment, and critical supporting infrastructure).</i> |
| Resources and Budgeting: <i>(Supplies, services, capabilities, and other essential resources required to perform the mission and supporting activities not already accounted for in the BPA process).</i> |
| Partners and Interdependencies: <i>(A list of partners and interdependent organizations that support and/or ensure the performance of the mission. It should highlight the products or services delivered by the partners, the information shared or exchanged, and any other critical elements that facilitate accomplishing the MEF).</i> |
| Process Details: <i>(A detailed narrative or diagram that ties together all of the elements involved in the process of performing the mission).</i> |



The New Executive Branch Continuity Model

- Most Executive branch agencies submitted proposed MEFs with their April 2012 submission. They have until April 2013 to meet all requirements in the new continuity plan model.
- VDEM will continue to assist agencies with MEF identification and begin the process of aligning agency MEFs with CEFs.



Where Do We Go From Here?

- VDEM plan reviews provide a level of assurance that agencies have the minimal elements considered necessary in a viable Continuity Plan.
- The only way to verify that a Continuity Plan will work is to test it or use it.
 - Assessing agency Continuity Plan exercises is the next logical step.



Enhanced Continuity of Government Capability

- Provide Commonwealth leadership from all branches of government with information that enables cooperative statewide prioritization of:
 - Functions (based on the circumstances of the disaster or disruption)
 - IT system recovery
 - Alternate facility requirements
 - Other resources
- Ensure that Commonwealth agencies can continue to provide valuable services to citizens during and immediately after a disaster or non-disaster disruption of services.

? QUESTIONS ?

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(804) 897-9778



Virginia Information Technologies Agency

Business Impact Analysis Overview

Ed Miller
Security Analyst



What is a BIA?

Per COV Information Tech Resource Management Glossary

Business Impact Analysis (BIA)

- The process of determining the potential consequences of a disruption or degradation of business functions.



What is a BIA?

Per *SEC501-06* and also *SEC501-07*

- **2.2. Business Impact Analysis**

Business Impact Analysis (BIA) delineates the steps necessary for agencies to identify their business functions, identify those agency business functions that are essential to an agency's mission, and identify the resources that are required to support these essential agency business functions.

Note: The requirements below address only the IT and data aspects of BIA and do not require agencies to develop a BIA separate from the BIA that could be used to develop an agency's Continuity of Operations Plan (COOP). Agencies should create a single BIA that meets both the requirements of this Standard and can be used to develop the agency COOP. Agencies should consult the VDEM Continuity of Operations Planning Manual for COOP requirements.



What is a BIA?

- Per *VDEM Continuity Plan Template*
- Threats or potential hazards specific to each MEF may be identified and analyzed by using the ***Business Impact Analysis (BIA) process developed by the Virginia Information Technology Agency (VITA)*** or other Commonwealth of Virginia approved security framework.



What is a BIA?

- Per *VDEM Guide to Identifying Mission Essential Functions (MEFs) and Business Process Analyses (BPAs)*
- A Business Impact Analysis (BIA) is a useful tool in identifying an agency or institution's PBFs. The BIA process is beyond the scope of this guide; however, you may refer to your agency or institution's internal standard procedures...



So where is the BIA Template?

- There used to be an Excel template on VDEM's website: Blank BIA Workbook
- The same Excel template used to be mirrored on VITA's website in the ITRM Policies, Standards and Guidelines section.
- Used to be there. Not there anymore.



Where did it go? What did it look like?

- I kept a copy of it.
- A lot of agencies have used it as is.
- A lot of agencies have modified it to fit a little better with their own ideas and agency requirements.

| | A | B | C | D | E | F | G | H | I | J | K | |
|----|---|---|--|---|---|---|---|---------------|---|---|---|--|
| 1 | Business Function: | | | | | | | | | | | |
| 2 | Division: | | | | | | | | | | | |
| 3 | Business Function Owner Name & Telephone #: | | | | | | | | | | | |
| 4 | Date Completed: | | | | | | | | | | | |
| 5 | Person Completing BIA: | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | A. Describe the primary objective of this business function & customers/interfaces: | | | | | | | | | | | |
| 8 | <u>Objectives:</u> | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | <u>Customers/Interfaces:</u> | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | B. Is any sensitive data* used in this business function? | | | | | | | Yes/No | | | | |
| 17 | *NOTE: | | | | | | | | | | | |
| 18 | Sensitive data is any data of which the compromise with respect to confidentiality, integrity, and/or availability | | | | | | | | | | | |
| 19 | could adversely affect COV interests, the conduct of Agency programs, or the privacy to which individuals are | | | | | | | | | | | |
| 20 | entitled. | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | Describe the Sensitive Data: | | Indicate the type of sensitive data | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |

| C. Analyze the potential harm that would ensue if this Function were not performed: | | | | | | | | | | | |
|---|--|--|--|--|--|------------|---|---------|---|----------|---|
| | | | | | | Level** | x | Weight | = | Score | |
| | | | | | | (3,2,1or0) | | (fixed) | | | |
| 32 | <u>Life</u> | | | | | | | | | | |
| 33 | Potential someone could die | | | | | | | | 5 | | 0 |
| 35 | <u>Safety</u> | | | | | | | | | | |
| 36 | Potential someone would be harmed | | | | | | | | 4 | | 0 |
| 38 | <u>Finances</u> | | | | | | | | | | |
| 39 | Potential assets or dollars would be lost | | | | | | | | 3 | | 0 |
| 41 | <u>Legality</u> | | | | | | | | | | |
| 42 | Potential compliance or other lawsuits/sanctions | | | | | | | | 2 | | 0 |
| 44 | <u>Customer Service/Publicity</u> | | | | | | | | | | |
| 45 | Potential harm to customer service level/base | | | | | | | | 1 | | 0 |
| 46 | and/or harm from adverse publicity | | | | | | | | | | |
| 48 | <u>Sensitive Data</u> | | | | | | | | | | |
| 49 | Potential adverse affect on COV's interest/programs or citizen privacy | | | | | | | | 3 | | 0 |
| 51 | <u>Inaccurate/Missing Data/Records</u> | | | | | | | | | | |
| 52 | Potential for inaccurate or missing data/records | | | | | | | | 3 | | 0 |
| 54 | Business Impact Total: | | | | | | | | | 0 | |
| 55 | **Levels: High = 3, Medium =2, Low=1, None=0 | | | | | | | | | | |



So where did that template come from?

Blank_BIA_Workbook.xls Properties

General Summary Statistics Contents

Title:

Subject:

Author: Administrator

Manager:

Company: DGS

Category:

Keywords:

Comments:

Hyperlink base:

Template:

Save Thumbnails for All Excel Documents

Blank_BIA_Workbook.xls Properties

General Summary Statistics Contents Custom

Created: Friday, January 30, 2004 12:58:55 PM
Modified: Tuesday, October 02, 2012 2:22:49 PM
Accessed: Tuesday, October 02, 2012 2:22:51 PM
Printed: Tuesday, June 28, 2011 8:08:52 AM

Last saved by: tio91281
Revision number:
Total editing time:

Over the years, this template has done a good job for the Commonwealth!

OK Cancel



So what gives with that?

- The template previously archived at both VDEM and VITA was considered to be a useful guide to develop a workable and productive BIA.
- However, there never has been an “official” BIA template that agencies were required to use.



You probably saw this email recently...

“As part of the risk management program, we are requesting Business Impact Analysis, (BIA) information for functions that use IT systems. The collected BIA data will be analyzed to identify Commonwealth wide risks. As the agency Information Security Officer (ISO), we will be contacting you for information that can be obtained by referencing your business impact analysis.”



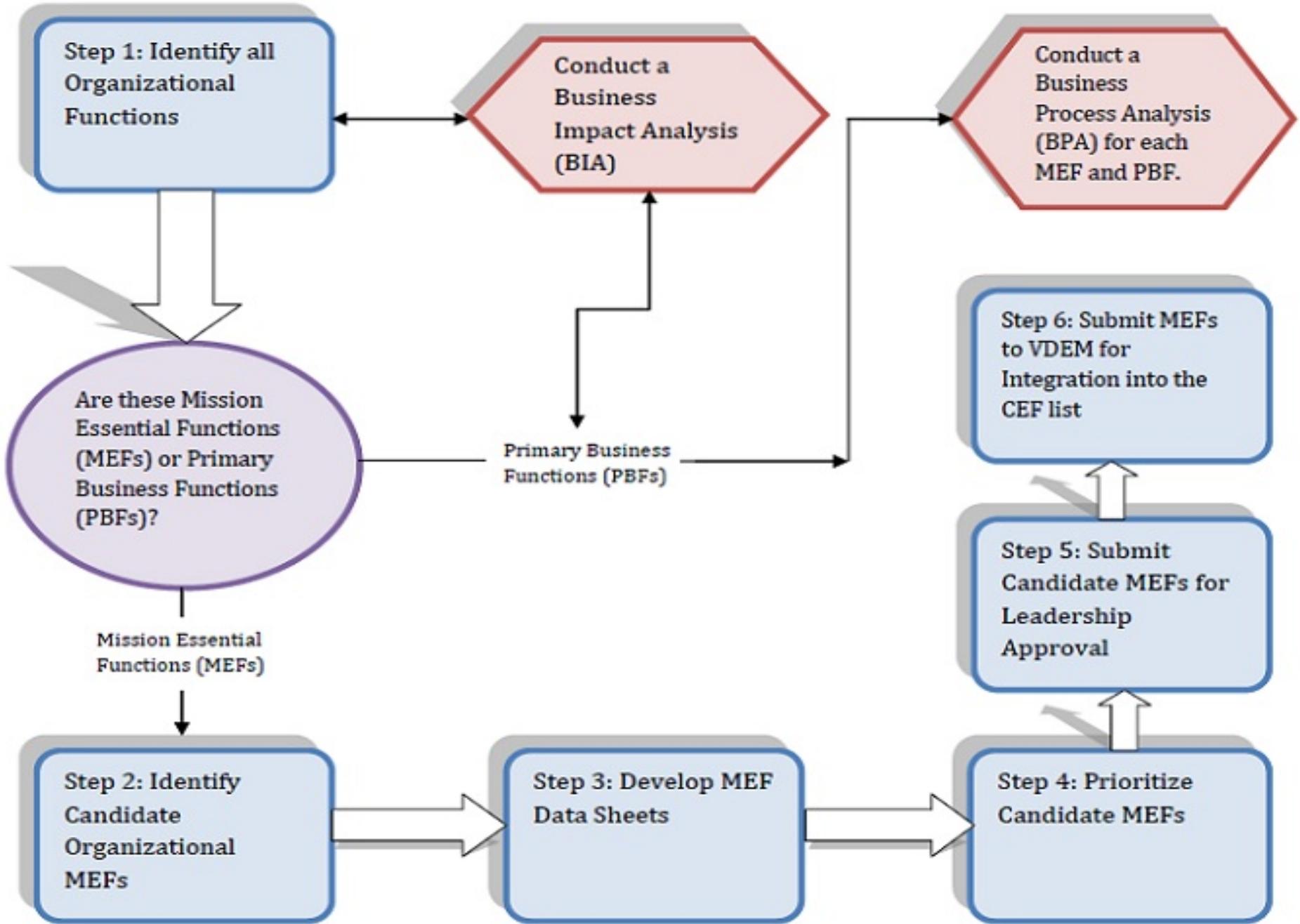
SharePoint Site

- We've added a BIA template to the Commonwealth Security ISO Collaboration Portal.
- The template on the portal follows very closely the BIA template that has been floating around for several years.



Keep in mind

- MEF's and their supporting PBF's have high availability requirements. They are not deferrable.
- BIA's should be able to map over to your MEF and PBF worksheets.





What's the difference between BIA and BPA?

- BIA- Business Impact Analysis
- BPA – Business Process Analysis
- A BPA is a systematic method of identifying and documenting all of the elements necessary to accomplish each MEF and PBF. While MEF's and PBF's identify *what* needs to be accomplished, the BPA identifies *how* it is accomplished.

BUSINESS PROCESS ANALYSIS (BPA) PROCESS

| Step | Considerations |
|--|--|
| 1. Identify MEF Output | What products, services, and information results from the performance of the MEF? |
| 2. Identify Input Requirements | What products, information, and equipment are required to perform the MEF? |
| 3. Identify Leadership who Perform the MEF | Who in the organization's leadership is required to perform the MEF? |
| 4. Identify Staff who Perform and Support the MEF | What staff in the organization is required to directly support or perform the MEF? |
| 5. Identify Communications & Information Technology Requirements | What communications and information technology (IT) software and equipment are required to support MEF performance? |
| 6. Identify Facilities Requirements | What are the facility requirements for performing the MEF (e.g., staff, equipment, and lodging?) |
| 7. Identify Resources and Budgeting Requirements | What supplies, services, capabilities (not already addressed) are required to perform the MEF? What are the funding sources? |
| 8. Identify Partners and Interdependencies | Who are the internal/external organizations that support/ensure MEF performance, and what information, supplies, equipment, or products do they provide? |
| 9. Describe Process Flow | From start to finish, how is the MEF performed? |

Table 6. Business Process Analysis (BPA) Process *Source: FEMA Continuity Guidance Circular 2, July 22, 2010*

The BIA Process (per SEC501)

Require the participation of System & Data Owners to develop the BIA.

Identify agency business functions.

Identify essential business functions.

Identify dependent functions, if any. Determine & document any additional functions on which each essential business function depends. These dependent functions are essential functions as well.

For each essential business function & dependent function, assess whether the function depends on an IT system to be recovered. Each IT system that is required to recover an essential function or a dependent function shall be considered sensitive relative to availability.

For each such system, each agency shall:

Determine and document the required Recovery Time Objective (RTO).

Determine and document the Recovery Point Objectives (RPO).

Use the IT information documented in the BIA report as a primary input to IT System & Data Sensitivity Classification, Risk Assessment, IT Contingency Planning and IT System Security Plans

Conduct periodic review and revision of the agency BIAs, as needed, but at least once every three years



The big DIFF

- The steps in a BPA are very much the same as in the BIA.
- Both the BIA and BPA try to identify & document the people and resources that are needed to do the function.
- The BPA focuses more on **how** to accomplish the function, or how to keep it going.
- The BIA focuses more on evaluating the **consequences of not doing** the function.



Q & A

- Thank you
- I have one more slide



ISO Academy

- Update: There are about 19 courses installed in the Knowledge Center
- If you search for “ISO Academy” you should be able to find them.
- We are planning to add narration to the courses, but for now they don’t have it.
- I’m very interested in your comments, complaints, suggestions about ISO Academy.



2012
Commonwealth Security Annual Report

Michael Watson
Chief Information Security Officer



§ 2.2-2009

§ 2.2-2009. Additional duties of the CIO relating to security of government information.

C. The CIO shall annually report to the Governor, the Secretary, and General Assembly those executive branch and independent agencies and institutions of higher education that have not implemented acceptable policies, procedures, and standards to control unauthorized uses, intrusions, or other security threats. For any executive branch or independent agency or institution of higher education whose security audit results and plans for corrective action are unacceptable, the CIO shall report such results to (i) the Secretary, (ii) any other affected cabinet secretary, (iii) the Governor, and (iv) the Auditor of Public Accounts. Upon review of the security audit results in question, the CIO may take action to suspend the public body's information technology projects pursuant to § 2.2-2015, limit additional information technology investments pending acceptable corrective actions, and recommend to the Governor and Secretary any other appropriate actions.

The CIO shall also include in this report (a) results of security audits, including those state agencies, independent agencies, and institutions of higher education that have not implemented acceptable regulations, standards, policies, and guidelines to control unauthorized uses, intrusions, or other security threats and (b) the extent to which security standards and guidelines have been adopted by state agencies.



Detailed Agency Information Security - 2012 Overall Audit Program Scores

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| XYZ | Yes | Pending | 2 | Current | 100 | 75 | 75 | 100 |

ISO Designated: The Agency Head has

Yes - designated an ISO with the agency within the past two years

No – not designated an ISO for the agency since 2006

Expired –designated an ISO more than 2 years ago or the designated ISO is no longer with the agency

Attended IS Orientation:

The number indicates agency personnel that have attended the optional Information Security Orientation sessions within the last 2 years. Their attendance indicates they are taking additional, voluntary action to improve security at their agency akin to “Extra Credit!”

ISO Certification

Pending – Certification program pending scheduled to start in 2013



Detailed Agency Information Security - 2012 Overall Audit Program Scores Con't

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| XYZ | Yes | Pending | 2 | Current | 100 | 75 | 75 | 100 |

Security Audit Plan Received: The Agency Head has

Current - submitted a Security Audit Plan for the period of fiscal year (FY) 2012-2014 or 2013-2015 for systems classified as sensitive based on confidentiality, integrity or availability (Note: after July 1, 2012, Audit Plans submitted shall reflect FY 2013-2015)

No - not submitted a Security Audit Plan since 2006

Exception – submitted an exception on file with VITA to allow time for developing the Security Audit Plan & the CISO has approved

Expired –submitted a Security Audit Plan on file that does not contain the current three year period FY FY 2012-2014 or FY 2013-2015

Pending –submitted a Security Audit Plan that is currently under review

2012 - Percentage of Audit Reports Received per the Audit Plan: The Agency Head or designee has

% – submitted % of Audit Reports or planned audits listed on submitted Audit Plan

N/A - not had Security Audits scheduled to be completed

Pending –submitted a Corrective Action Plan that is currently under review

2012 - Percentage of CAPs Received: The Agency Head or designee has

% – submitted % of CAPs for planned audits listed on submitted Audit Plan

N/A - not had Security Audits scheduled to be completed

Pending –submitted a Corrective Action Plan that is currently under review



Detailed Agency Information Security - 2012 Overall Audit Program Scores Con't

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| XYZ | Yes | Pending | 2 | Current | 100 | 75 | 75 | 100 |

2012 - Percentage of Quarterly Updates Received: The Agency Head or designee has

% – submitted % of QUs for all open findings per CAPs submitted

N/A - not had Security Audits scheduled to be completed

Pending –submitted a Corrective Action Plan that is currently under review

3 year - Percentage of Audit Obligation Completed:

Percent of sensitive systems reported **by 2009** (according to IT Security Audit Plans) that have been audited to date. This datapoint is based on the IT Security Audit Standard requirement: *“At a minimum, databases that contain sensitive data, or reside in a system with a sensitivity of high on any of the criteria of confidentiality, integrity, or availability, shall be assessed at least once every three years.”*

Agencies that did not submit an IT Security Audit Plan **by 2009** were not in compliance and therefore there is no data to report on for **2012**.

Systems that have been removed from audit plans within the three year period due to retirement of the system or reclassification to non-sensitive are not counted.

N/C – agency not in compliance by 2008, agency did not submit an IT Security Audit Plan **by 2009**

Pending – currently under review

Exception – submitted an exception on file with VITA to allow time for developing the Security Audit Plan & the CISO has approved



Secretariat: Administration

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| CB | Yes | Pending | 0 | Current | 0 | 0 | N/A | 0 |
| DGS | Yes | Pending | 0 | Current | 0 | 0 | 0 | 25 |
| DHRM | Yes | Pending | 0 | Current | 0 | 0 | N/A | 100 |
| DMBE | Yes | Pending | 1 | Expired | 0 | 0 | N/A | 0 |
| OISG | Yes | Pending | 0 | Pending | N/A | N/A | N/A | N/A |
| SBE | Yes | Pending | 1 | Expired | N/A | N/A | N/A | 50 |

NOTE: Information in this slide represents what Commonwealth Security is currently tracking for these agencies. The data in these slides will change month to month as agencies submit their documentation. If any of the information seems erroneous please contact CommonwealthSecurity@VITA.Virginia.Gov



Secretariat: Agriculture & Forestry

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| DOF | Yes | Pending | 1 | Current | Pending | Pending | Pending | 100 |
| VDACS | Yes | Pending | 0 | Current | 0 | 0 | 69.23 | 67 |

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Secretariat: Commerce & Trade

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| BOA | Yes | Pending | 1 | Current | 100 | 100 | N/A | 100 |
| DBA | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| DHCD | Yes | Pending | 0 | Current | 0 | 0 | 0 | 80 |
| DMME | Yes | Pending | 5 | Expired | 0 | 0 | N/A | 57 |
| DOLI | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 0 |
| DPOR | Yes | Pending | 0 | Expired | N/A | N/A | 25 | 100 |
| TIC | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| VEC | Yes | Pending | 0 | Current | 0 | 0 | 12.5 | 22 |
| VEDP | Yes | Pending | 1 | Expired | 0 | 0 | N/A | 0 |
| VRA | Yes | Pending | 0 | No | N/A | N/A | N/A | 0 |
| VRC | Yes | Pending | 1 | Current | 0 | 0 | 0 | 100 |

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Secretariat: Education

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| DOE | Yes | Pending | 1 | Current | 100 | 100 | 77.78 | 100 |
| FCMV | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 100 |
| GH | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| JYF | Yes | Pending | 0 | Current | 0 | 0 | N/A | 100 |
| LVA | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| NSU | Yes | Pending | 4 | Expired | N/A | N/A | N/A | 0 |
| RBC | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 100 |
| SCHEV | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 0 |
| SMV | Yes | Pending | 0 | Current | N/A | N/A | N/A | 100 |
| SVHEC | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 100 |
| UMW | Yes | Pending | 1 | Current | 0 | 0 | 33.33 | 40 |
| VCA | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 100 |
| VMFA | Yes | Pending | 2 | Current | 0 | 0 | 0 | 0 |
| VSDB | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 0 |
| VSU | Yes | Pending | 2 | Current | 100 | 100 | 20.59 | 78 |

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Secretariat: Finance

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| DOA | Yes | Pending | 0 | Expired | 0 | 0 | 0 | 25 |
| DPB | Yes | Pending | 0 | Expired | N/A | N/A | 0 | 0 |
| TAX | Yes | Pending | 0 | Current | 17.65 | 17.65 | 28.42 | 58 |
| TD | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 0 |

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Secretariat: Health & Human Resources

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| CSA | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| DBHDS | Yes | Pending | 1 | Current | N/A | N/A | 0 | 83 |
| DHP | Yes | Pending | 0 | Current | N/A | N/A | N/A | 67 |
| DMAS | Yes | Pending | 7 | Pending | 0 | 0 | N/A | 0 |
| DRS | Yes | Pending | 0 | Current | 33.33 | 33.33 | 46.15 | 45 |
| DSS | Yes | Pending | 1 | Current | 0 | 0 | 0 | 22 |
| VDH | Yes | Pending | 1 | Current | 28.57 | 28.57 | 38.46 | 33 |
| VFHY | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 100 |

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Secretariat: Natural Resources

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| DCR | Yes | Pending | 0 | Current | 0 | 0 | 0 | 67 |
| DEQ | Yes | Pending | 1 | Current | 50 | 50 | N/A | 67 |
| DGIF | Yes | Pending | 2 | Expired | 0 | 0 | N/A | 0 |
| DHR | Yes | Pending | 0 | Current | N/A | N/A | N/A | 0 |
| MRC | Yes | Pending | 1 | Current | N/A | N/A | N/A | 100 |
| VMNH | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |

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Secretariat: Public Safety

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| ABC | Yes | Pending | 0 | Current | 0 | 0 | 25 | 86 |
| CASC | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 100 |
| DCJS | Yes | Pending | 1 | Expired | N/A | N/A | N/A | 0 |
| DEM | Yes | Pending | 2 | Expired | 0 | 0 | N/A | 0 |
| DFP | Yes | Pending | 0 | Expired | 0 | 0 | N/A | 100 |
| DFS | Yes | Pending | 1 | Current | 66.67 | 66.67 | 0 | 75 |
| DJJ | Yes | Pending | 0 | Current | 0 | 0 | N/A | 67 |
| DMA | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| DOC | Yes | Pending | 5 | Current | 75 | 75 | 33.33 | 92 |
| DVS | Yes | Pending | 0 | Current | N/A | N/A | N/A | 100 |
| VSP | Yes | Pending | 0 | Expired | 25 | 25 | 52.94 | 56 |

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Secretariat: Technology

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| ITA | Yes | Pending | 2 | Expired | 0 | 0 | N/A | 0 |
| VITA | Yes | Pending | 3 | Current | 0 | 0 | 75 | 50 |

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Secretariat: Transportation

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| DMV | Yes | Pending | 0 | Pending | 0 | 0 | 0 | 100 |
| DOAV | Yes | Pending | 2 | Current | 0 | 0 | N/A | 0 |
| DRPT | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 0 |
| MVDB | Yes | Pending | 0 | Expired | N/A | N/A | N/A | 100 |
| VDOT | Yes | Pending | 0 | Pending | Pending | Pending | Pending | 100 |
| VPA | Yes | Pending | 0 | No | N/A | N/A | N/A | 0 |

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Independent Branch Agencies

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| IDC | Yes | Pending | 5 | Current | 0 | 0 | 8.33 | 80 |
| SCC | Yes | Pending | 0 | Expired | 100 | 100 | 37.5 | 100 |
| SLD | Yes | Pending | 0 | Current | 100 | 100 | 45.45 | 50 |
| VCSP | Yes | Pending | 1 | Current | 0 | 0 | N/A | 100 |
| VOPA | Yes | Pending | 2 | Expired | N/A | N/A | N/A | 0 |
| VRS | Yes | Pending | 0 | Current | 0 | 0 | 6.25 | 52 |
| VWC | Yes | Pending | 1 | Current | 0 | 0 | N/A | 17 |

NOTE: Information in this slide represents what Commonwealth Security is currently tracking for these agencies. The data in these slides will change month to month as agencies submit their documentation. If any of the information seems erroneous please contact CommonwealthSecurity@VITA.Virginia.Gov



Others

| Agency | ISO Designated | ISO Certified | IS Orientation | Security Audit Plan Received | Percent of Audit Reports Received 2012 | Percent CAPS Received 2012 | Total Percentage QU 2012 | Percentage Of Audit Obligation Complete |
|--------|----------------|---------------|----------------|------------------------------|--|----------------------------|--------------------------|---|
| GOV | Yes | Pending | 0 | Current | 0 | 0 | N/A | 0 |
| OAG | Yes | Pending | 2 | Current | N/A | N/A | 0 | 100 |

NOTE: Information in this slide represents what Commonwealth Security is currently tracking for these agencies. The data in these slides will change month to month as agencies submit their documentation. If any of the information seems erroneous please contact CommonwealthSecurity@VITA.Virginia.Gov



Risk Management Program

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| XYZ | Yes | Pending | No |

All documentation received as requested information about the agency's RA(s), BIA, or IDS reports.

Yes – Agency has submitted RA, BIA or IDS Report(s)

No – Agency has not submitted RA, BIA or IDS Report(s)

Pending – Agency has submitted RA, BIA or IDS Report(s) that is currently under review

NOTE: Information in this slide represents what Commonwealth Security is currently tracking for these agencies. The data in these slides will change month to month as agencies submit their documentation. If any of the information seems erroneous please contact CommonwealthSecurity@VITA.Virginia.Gov



Secretariat: Administration

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| CB | No | Yes | Yes |
| DGS | No | No | Yes |
| DHRM | No | No | Yes |
| DMBE | No | No | Yes |
| OISG | Pending | Pending | Pending |
| SBE | No | No | Yes |

NOTE: Information in this slide represents what Commonwealth Security is currently tracking for these agencies. The data in these slides will change month to month as agencies submit their documentation. If any of the information seems erroneous please contact CommonwealthSecurity@VITA.Virginia.Gov



Secretariat: Agriculture & Forestry

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| DOF | No | Pending | Yes |
| VDACS | Yes | Pending | Yes |

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Secretariat: Commerce & Trade

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| BOA | No | Pending | Yes |
| DBA | No | No | Yes |
| DHCD | No | No | Yes |
| DMME | No | No | Yes |
| DOLI | No | No | Yes |
| DPOR | No | Pending | Yes |
| TIC | No | No | Yes |
| VEC | No | No | Yes |
| VEDP | No | No | Yes |
| VRA | No | No | No |
| VRC | No | No | Yes |

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Secretariat: Education

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| DOE | No | Pending | Yes |
| FCMV | No | No | Yes |
| GH | No | No | Yes |
| JYF | No | No | Yes |
| LVA | No | No | Yes |
| NSU | No | No | No |
| RBC | No | No | No |
| SCHEV | No | No | Yes |
| SMV | No | No | Yes |
| SVHEC | No | No | Yes |
| UMW | No | No | No |
| VCA | No | No | Yes |
| VMFA | No | No | Yes |
| VSDB | No | No | Yes |
| VSU | No | Pending | No |



Secretariat: Finance

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| DOA | No | No | Yes |
| DPB | No | No | Yes |
| TAX | No | No | Yes |
| TD | No | Pending | Yes |

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Secretariat: Health & Human Resources

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| CSA | No | No | Yes |
| DBHDS | No | No | Yes |
| DHP | No | No | Yes |
| DMAS | No | No | Yes |
| DRS | No | No | Yes |
| DSS | No | Pending | Yes |
| VDH | No | No | Yes |
| VFHY | No | No | Yes |

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Secretariat: Natural Resources

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| DCR | No | No | Yes |
| DEQ | No | No | Yes |
| DGIF | No | No | Yes |
| DHR | No | No | Yes |
| MRC | No | No | Yes |
| VMNH | No | No | Yes |

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Secretariat: Public Safety

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| ABC | No | Pending | Yes |
| CASC | No | No | Yes |
| DCJS | No | Pending | Yes |
| DEM | No | No | Yes |
| DFP | No | No | Yes |
| DFS | No | Pending | Yes |
| DJJ | No | No | Yes |
| DMA | No | No | Yes |
| DOC | Yes | Pending | Yes |
| DVS | Yes | Pending | Yes |
| VSP | No | No | Yes |

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Secretariat: Technology

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| ITA | No | No | Yes |
| VITA | No | Pending | Yes |

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Secretariat: Transportation

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| DMV | No | No | Yes |
| DOAV | No | Pending | Yes |
| DRPT | No | No | Yes |
| MVDB | No | No | Yes |
| VDOT | No | Pending | Yes |
| VPA | No | No | No |

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Independent Branch Agencies

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| IDC | No | No | Yes |
| SCC | No | No | No |
| SLD | No | No | No |
| VCSP | No | No | No |
| VOPA | No | No | No |
| VRS | No | No | No |
| VWC | No | No | No |

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Others

| Agency | Risk Assessment Submitted | BIA Submitted | IDS Reports Submitted |
|--------|---------------------------|---------------|-----------------------|
| GOV | No | No | Yes |
| OAG | No | No | Yes |

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FAQ!

What should an agency do if they conduct a Security Audit that results in no findings?

In the event that a Security Audit was performed and there were no findings, CSRM will record this action from the audit report received. No further action will be needed.

What is the cutoff date to submit documentation for the Commonwealth Security Annual Report?

December 31, 2012



Questions ???????

For more information, please contact:
CommonwealthSecurity@vita.virginia.gov

Thank You!



Virginia Information Technologies Agency

Upcoming Events





Governor's Proclamation

Governor McDonnell has proclaimed
October 2012
as
Cyber Security Awareness Month



Proclamation is located at the Governor's Portal:

<http://www.governor.virginia.gov/OurCommonwealth/Proclamations/>

or VITA Information Security Awareness Toolkit:

<http://www.vita.virginia.gov/security/toolkit/default.aspx?id=9930>



VA SCAN

The Virginia Alliance for Secure Computing and Networking (VA SCAN)

Securing the Future: BYOD and Beyond
9 - 10 October 2012

VA Scan exists for the purpose of strengthening information technology security programs within the Commonwealth of Virginia. IT managers, IT security professionals, technical staff, and auditors from Higher Education, K-12, Government, and Law Enforcement are all encouraged to attend this very informative conference.

Register: http://www.vmi.edu/Conferences/VA_Scan/Attendee_Registration/

For questions about registration contact:

Derek Pinkham, Assistant Conference Coordinator: pinkhamdj@vmi.edu.



DSIA Training

An Integrated Assessment/ Management of Risk

Instructor: Danny Goldberg

Date: October 11, 2012

Time: 8:15-4:45

Location: James Monroe Building
DOE Conf. Rm., 22nd FL

Cost: \$ 160.00

Register: <https://hrtraining.doa.virginia.gov>



Information Security System Association

ISSA

DATE: Wednesday, Oct 17, 2012

LOCATION: Maggiano's Little Italy

11800 West Broad Street, #2204, Richmond, VA 23233

TIME: 11:30 - 1:00pm. Presentation starts at 11:45.

Lunch served at 12.

COST: ISSA Members: \$20 & Non-Members: \$25

SPEAKER: Dan Han, VCU

TOPIC: See What You Have Been Missing:

One organization's experience on the implementation of SIEM



MS-ISAC

National Webcast Initiative

Thursday, Oct 11

2:00 pm – 3:00 pm EDT

Topic: **Cyber Security: What you should know to stay safe online**

Visit MS-ISAC web for more information:

<http://www.msisac.org/webcast/>



Future ISOAG Dates

Nov 7 1:00 – 4:00 pm @ CESC

**Keynote Speaker: Kevin Savoy, UVA
on “Audits: Special Investigations”**

Dec 5 1:00 – 4:00 pm @ CESC

**Keynote Speaker: Brian Miller, Syrinx Technologies
on “Pentesting”**

ISOAG will be held the 1st Wednesday of each month in 2012



IS Orientation Sessions

Tuesday - Nov 13, 2012

9:00 – 11:30a
(CESC)

Email CommonwealthSecurity@VITA.virginia.gov if you are interested in attending.

IS Orientation also available via webinar!



Submit Events

- If your group or organization is promoting a security related event and would like to have it communicated to the Information Security Officer community:

Please submit all upcoming events to:

CommonwealthSecurity@VITA.Virginia.Gov



ISOAG-Partnership Update

*IT Infrastructure Partnership Team
Bob Baskette*

Oct 3, 2012



NORTHROP GRUMMAN



ADJOURN

