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Description of document: Consumer Product Safety Commission (CPSC) IT
(Information Technology) Modernization Plan maintained
by the Office of Information Technology, 2009

Requested date: 2016

Released date: 05-April-2017

Posted date: 22-January-2018

Source of document: FOIA Request
U.S. Consumer Product Safety Commission
4330 East West Highway
Bethesda, MD 20814
Fax: 301-504-0127
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[e-FOIA Public Access Link \(PAL\)](#)

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U.S. CONSUMER PRODUCT SAFETY COMMISSION

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Alberta E. Mills, FOI Officer
The Secretariat – Office of the Secretary
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April 05, 2017

VIA Email

RE: Freedom of Information Act Request (FOIA) #17-F-00146: A digital/electronic copy of the IT Modernization Plan at CPSC, which is maintained by the Office of Information Technology.

Thank you for your Freedom of Information Act (FOIA) request seeking the above referenced information from the U.S. Consumer Product Safety Commission ("Commission").

In response to your request, please find enclosed a copy of the Commission's IT Modernization Plan.

I trust that this information fully satisfies your request. If you need any further assistance or would like to discuss any aspect of your request please do not hesitate to contact *me* at 301-504-7479, email, amills@cpsc.gov for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

Processing your request, including searching files and preparing this information cost the Commission \$25.00. In this instance, we waived the charges. This completes the processing of your request.

Sincerely,

A handwritten signature in black ink, appearing to read "Alberta E. Mills", with a long horizontal flourish extending to the right.

Alberta E. Mills

Enclosure



U.S. Consumer Product Safety Commission

CPSC IT Modernization

DeWane Ray
Acting Chief Information Officer
April 28, 2009



In This Presentation

- How We Got Here
- What IT Modernization Will Deliver
- Key Benefits
- Where We Are Today
- Opportunities
- Key Challenges and Mitigation Strategies
- Approach and Roadmap
- Partnering with OMB and Immediate Next Steps



How We Got Here

- Historically very limited Agency funding
- Lack of consistent IT funding lead to siloed implementations
- Related data resides in multiple disconnected systems
- Rely heavily on subject matter experts
- Early Warning System (EWS) team develops functioning process Nov 2007 limited to 5 children products codes
- In August 2008 Congress passed the Consumer Product Safety Improvement Act (CPSIA)
 - An opportunity for CSPC to modernize its disparate data sources and create transparency into our service



What IT Modernization Will Deliver

- Consumer Product Safety Risk Management System (CPSRMS) is the beginning of an IT modernization initiative that will result in increased:
 - An early warning systems that utilizes trending models and advanced analytic algorithms to identify problems quickly
 - Improved incident and case management through automation of processes and integrated databases, resulting in more rapid identification and public notification of potential risk.
 - Greater consumer involvement leading to an enhanced partnership with the public, consumer interest groups, industry, and other stakeholders
 - Transparency into CPSC operations and open government through the publishing of CPSC data feeds
 - Decrease Agency focus on FOIA requests by making non-sensitive data publicly available and redirect resources to core mission
- Develop effective IT governance, planning, and execution.



Key Benefits

- Greater ability to identify hazardous products and to notify the public of that risk (early success with EWS prototype)
- A new way of working and exchanging data with, the public, industry and interest groups through the use of web 2.0 technologies
- Experienced Agency staff armed with knowledge systems that support proactive decision making
- Increased data exchange and cooperation between safety oriented government agencies (ex. US Customs and Border Protection, CDC, etc.)
- Transparency into how the Agency is executing on its mission and serving the public



Where We Are Today

- ✓ Have a congressional mandate with an 18 month deadline
- ✓ Have CPSC executive team support for initiative
- ✓ Have an integrated team
 - ✓ Leveraging existing FTE talent
 - ✓ Hiring externally for key FTEs
 - FAC-P/PM Level III Project manager to oversee PMO
 - ✓ Contract support in place (as of 4/21) to help us:
 - ❖ Define a Capital Planning and Investment Control (CPIC) Program
 - ❖ Establish a Project Management Office (PMO)
 - ❖ Perform Independent Verification and Validation (IV&V) on CPSRMS
- ❖ Executing a plan that starts requirements gathering in Jun 09 and Design/Build in Sep 09



Opportunities

- A successful implementation of CPSRMS is the foundation of our IT modernization effort
- The world is changing and the Agency is trying to change with it:
 - Products shifting to imports
 - Global marketplace
 - Consumer expectations changing to expect real time data
- We have great people and we want to give them great tools
- We now have the opportunity to invest in IT and supporting processes
 - Modernize IT and move away from data systems to knowledge systems that support decision making
 - Develop IT governance through:
 - Deploy CPIC, PMO, and IV&V to guide and deliver on investments
- Improved capability to adhere to OMB requirements

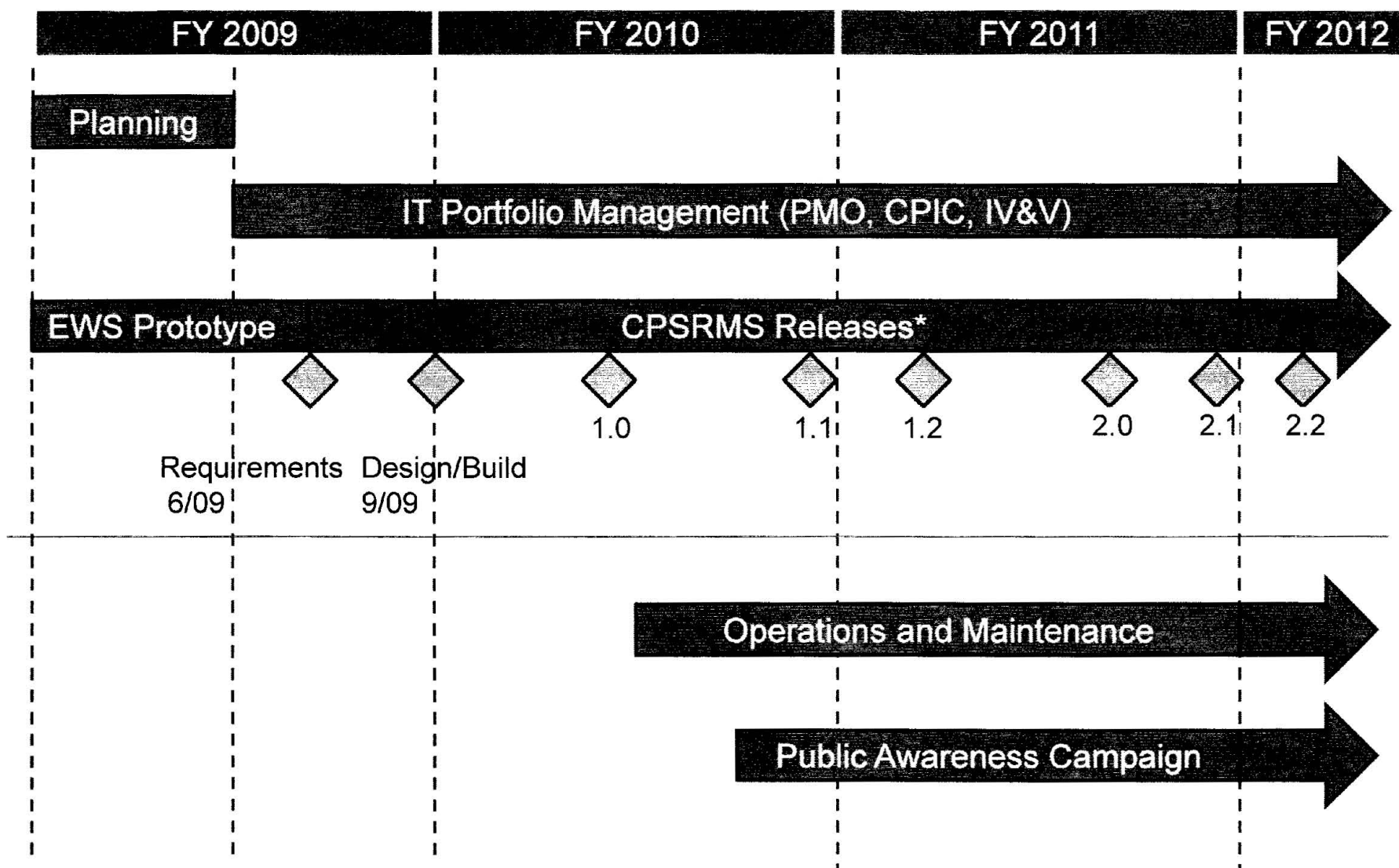


Key Challenges and Mitigation Strategies

Challenge	How We Are/Will Address the Challenge
Aggressive timeline in the form of the legislative mandate, coupled with the lack of resources for '09 acquisition needs	<ul style="list-style-type: none">• We have pulled together key existing talent• We are hiring a certified level III FAC-P/PM• We have contracted external resources to jump-start IT portfolio management• We will Partner with OMB
Develop the organization through IT portfolio management in the form of CPIC, PMO, EA and others	<ul style="list-style-type: none">• We will establish IT portfolio management, inclusive of CPIC, PMO, and appropriate governance• We will define EA and tactical migration plan
Ingrained tendencies for siloed IT solutions implemented in an ad hoc way	<ul style="list-style-type: none">• Tie IT investments to Agency strategy and decision-making process• Implement IV&V• Implement governance to ensure we can execute on investments



Approach and Roadmap



** Subject to Release of Funds . Future features include integration with the International Trade Data System.*



Partnering with OMB and Immediate Next Steps

- Partnering with OMB
 - Create open dialogue and provide transparency into our operations
 - Go beyond meeting key deadline and demonstrate incremental progress
 - Provide updates and drafts early and often
- Immediate next steps
 - Obtain funding
 - Meet planned deliverables for May
 - Establish Contracts Support for PMO and CPIC Process
 - Hire federal FAC-P/PM and establish PMO
 - Provide draft key deliverables: Analysis of alternatives, Risk analysis and mitigation plan, Acquisition plan, High level spending plan, and Exhibit 300
 - Develop SOW and solicit proposal for requirements analysis