

Trademark Public Advisory Committee Meeting



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Chief Information Officer
November 23, 2010



Progress Last Quarter

- Obtained the services of an independent architecture expert – draft recommendations are due in December
 - William Ulrich, author of several books including: *Legacy systems: Transformation Strategies and Information System Transformation*
 - Mr. Ulrich was asked to assess Trademark current state business and IT environments, business and IT vision and related requirements, etc. and then develop recommendations for moving to the next generation of Trademark processing.
 - After reviewing Mr. Ulrich's report, we may request that he provide additional consulting services regarding the implementation of some of his recommendations.



Progress Last Quarter (cont)

- As a 1st step in establishing the TM NG infrastructure, we installed an Enterprise Service Bus (ESB) that will be used to prototype new TM NG software tools in a virtual development environment
 - An ESB is an event driven messaging system that provides fundamental and re-usable services
- Established a virtualization capability (now supporting in excess of 100 concurrent development environments)
 - Virtualized Technical infrastructure that allows the first stages of trademarks next generation development on a modern computing environment
 - Because we have virtualization capacity, we will be able to create the separated Trademark Environment in FY 2011 and begin migrating TM systems into the new environment



Demonstration of Progress

TDR 2.0

- Public Beta version planned for late January 2011
- Web 2.0 based
- User Interface hosted in a public cloud
- Allows for data extraction (bulk access)
- Provides usability enhancements (e.g., original file format download)
- Allows Trademarks the independence to change content without CIO involvement
- Has protections built in to handle Denial of Service (DoS) attacks and bulk scrapping activities
- Deployment planned for April 2011



Demonstration of Progress

TMEP

- Beta 1 planned for late December 2010
 - Public comments tool
 - Internal XML editing
 - Internal search
- Beta 2 planned for late second quarter FY 2010
 - Internal search and annotation
 - Public search capability (investigating tech/licensing issues)
- Production planned for fourth quarter FY 2010



Demonstration of Progress

- New Employee Laptop
 - Intel Core i7 CPU, 8GB RAM
 - Windows 7 / Office 2010
 - Beta 1 planned for December 2010 – ~100 users across agency
 - Two additional agency-wide betas planned – January 2011 and February 2011
 - Received approval to proceed with betas from 2/3 Unions (third Union briefing scheduled 11/22)
 - Production rollout planned for March 2011
 - Deployment is planned for completion in FY 2012



Demonstration of Progress

- Voice Over Internet Protocol (VOIP)
 - Infrastructure equipment was procured in October 2010 off the existing contract vehicle established in 2008
 - Employee equipment roll-out schedule coincides with the deployment of the laptops (March 2011)