

Patent Public Advisory Committee Meeting



John B Owens II
Chief Information Officer
December 2, 2010



Patents End to End (PE2E)

- Patent Team Lead – Fred Schmidt
- Chief IT Strategist – Marti Hearst
- Hiring a PE2E Portfolio (Program) Manager – Interviewing Soon (Marti is Acting)
- Obtained the services of an independent architecture expert
 - William Ulrich, author of several books including: *Legacy systems: Transformation Strategies and Information System Transformation*
 - Mr. Ulrich will provide architectural assessments and consulting services as we transition to the end-to-end solution.



PE2E Status Summary

- Infrastructure prototyping will conclude on 2/18/2011
 - We have completed the charter, activity plan, project plan, IT assets library, quality control plan and high level requirements
- User interface for core examiner functionality (clickable prototypes)
 - Demo of Alpha Design (~25 Patent examiners) – December 14-16
 - Beta demo for all of Patents - January 15
- Architecture work is beginning for the conversion of legacy patent data.



Progress

- MPEP
 - Beta 1 planned for late December 2010
 - Public comments tool
 - Internal XML editing
 - Internal search
 - Beta 2 planned for late second quarter FY 2011
 - Internal search and annotation
 - Public search capability (investigating tech/licensing issues)
 - Production planned for fourth quarter FY 2011



Demonstration of Progress in the Cloud

- Trademark Document Retrieval 2.0 - Demo
 - 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



Examiner Laptop

- New Employee Laptop – Demo
 - 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 all 3 Unions Production rollout planned for March 2011
 - Deployment is planned for completion in FY 2012



Other Tools

- 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)



Other Progress

Bandwidth

- Upgrading internet bandwidth from 1.4 Gbps to 3 Gbps utilizing the federally mandated Managed Trusted Internet Provided Service Internet circuits.
- Goal is to have upgrades completed by FY11, 4th quarter.
- Statements of Work (SOWs) were submitted to DOC and GSA for processing and submission to Carriers in September.
- Responses from Carriers to be received by December 6.