

Patent Public Advisory Committee Meeting

Patent End-To-End (PE2E)



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Challenges for Resuming Projects

- 6 month calendar delay due to suspension of projects
- Restarting projects and procurements (60 to 90 days)
 - Must be phased to accommodate PTO capacity
 - Working to get a head start on some projects
- Re-hiring to replace contract staff (6 to 12 months)
 - Touches every aspect of the project
 - Programmers and architects
 - Project managers and technical leads
 - Support areas; e.g., database support and testing
 - Will take 9 to 18 months to achieve previous velocity
 - Not feasible to hire contractors all at once
 - New contractors will take months to onboard, replacing people with as much as 18 months experience with these projects
 - Additional resources will be required for legacy tools, which will have a longer lifespan due to budget-induced delays to PE2E's release schedule

Complete

Complete

In Progress

5 Teams

~50 Resources

~12 With Prior Experience



Resumed PE2E Projects

- Restarted the following previously suspended projects:
 - PE2E Office Action - Phase 2: FY 15 Q1 prototype of Office Action authoring tool
 - Web-based Office Action authoring tool
 - Includes major Office Action types
 - Proven-out solution for maintaining concurrency with legacy databases
 - Exploring Search Technologies - Phase 2
 - Corps-wide beta release
 - Searchable collection to include US Patents and Pre-grant publications
 - IFW Image and Legacy Services Retirement
 - Conversion of Existing Office Actions to XML
- Applicant to Office Interface (Text2PTO) - Phase 2 will begin in FY14



PE2E Accomplishments/Key Releases

- **Patent Examination Tools & Infrastructure:** Viewing tool for patent documents and Examiner docket
 - Quarterly releases of incremental functionality to pilot audience
 - Increase number of users in pilot audience during FY14
 - FY15 Q1 release to Patent Examination Corps: Viewing tool for patent documents and Examiner docket

Subsequent releases of both PE2E Office Action and Examination Tools & Infrastructure will include automated workflow and outlying functionality to retire legacy examination tools

- **Patent Application Text Initiative (PATI):** All patent applications (claims, spec, abstract) now being converted to XML4IP in near real-time (between 1-4 hours) and available to Examiners in PE2E and legacy tools
 - Approximately 91M pages have been converted



PE2E Accomplishments/Key Releases

- **Cooperative Patent Classification (CPC):** Harmonized patent classification schema and collaboration tools between EPO & USPTO
 - Deployed in October 2013: Part 1 of the Miscellaneous Classification Changes/Classification Allocation Tool; allows Examiners to update classification allocations for patent documents
 - Q2 FY14 Classification Allocation Tool (CAT) Part 2: Tool to support quality assurance process, including raised hand flags between the EPO and USPTO
 - Q2 FY14 Combination sets: Enhance computer search system data processing to improve CPC Combination set search capabilities
- **Global Patent Search Network (GPSN):** Publically available site for searching foreign patents in original language and English machine translations, with modern features including filters and facets
 - Deployed in September 2013: All published patents (1985 through 2012) issued by the Chinese State Intellectual Property Office (SIPO)



USPTO.GOV Website Outage

- USPTO.GOV ran for over four years with minimal interruptions
- Website experienced a whole system cluster failure
- All agency systems were available during the outage via direct links to those systems. For example
 - EFS Web
 - Public PAIR
 - TARR
- Have established an emergency page to use with direct links to major systems
- Alternate hosting site and website redesign are back on track after delays in FY14



Questions and Comments?

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