

Patent Public Advisory Committee Meeting OCIO Update



John B. Owens II
Chief Information Officer
September 1, 2011



Universal Laptop Program (ULP) Update

- Production deployment commenced on March 28, 2011.
- Production deployments started at 140 per week and increased to 200 per week through 3rd Quarter.
- Projected deployments of UL in 4th quarter is 255 per week.
- Projected number deployed at end of 4th quarter 5,000 employees or 50%.



ULP Update Cont.

Organizations completed:

- Under Secretary Office
- CFO
- BPAI
- OCCO

Organizations partially completed:

- CAO 92%
- OCIO 83%

PATENT

- TC 1600 Completed
- TC 2900 Completed
- TC 2100 Completed
- TC 2600 Completed
- TC 2800 Deployment started on 8/22

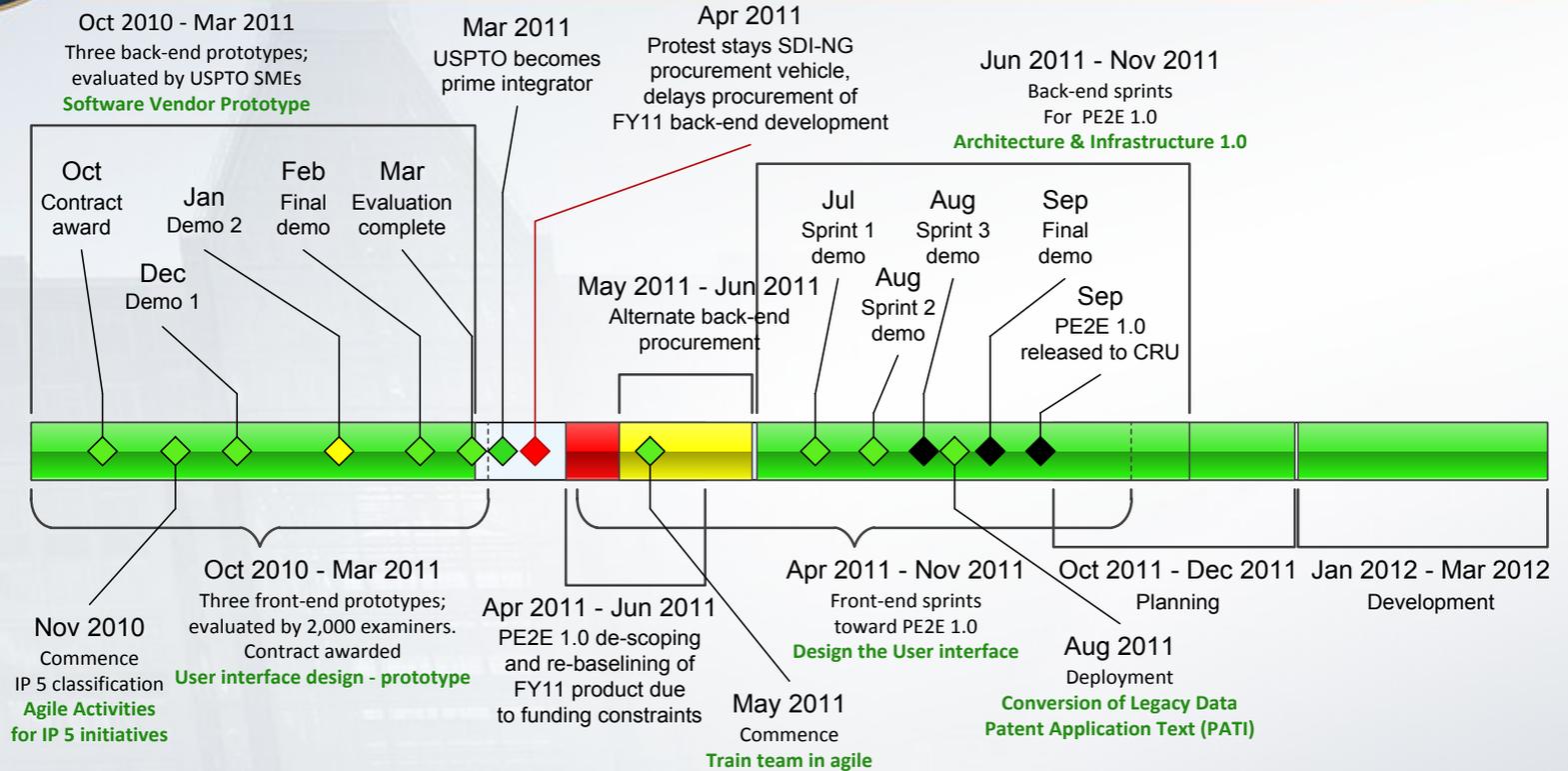
Patent Public Advisory Committee Meeting PE2E Update



David Landrith
PE2E Portfolio Manager
September 1, 2011



PE2E Timeline



FY11 back-end sprint schedule

- Sprint 1: case listing
case table-of-contents
- Sprint 2: document viewer
claims tree
- Sprint 3: examiner notes
claims analysis
- Sprint 4: issue resolution

FY12 development focus

- Examination tools
- Applicant tools
- Workflow
- Structured text-content

Post FY12 development focus

- FY 13: Rollout of functionality to broader audiences
- FY 14-15: Define & pursue decommissioning strategy

Milestones delayed to FY12 due to funding

- Build internal cloud environment**
- Agile activities for high value targets**
- Agile activities for patent search capabilities**
- Technology test team market research**



Status of Investment

- 🌐 PE2E 1.0 (CRU) Front-end
 - Initial front-end implementations complete
 - Work ongoing to refine & expand
 - Deliverables are fully-functioning web-applications with stubbed-out services
- 🌐 PE2E 1.0 (CRU) Back-end
 - Creating production-level services to feed front-end
 - Service-level architecture and technology stack completed to ensure high-availability solution with non-disruptive upgrade capability
- 🌐 On track to deploy first stage of functionality to the Central Reexamination Unit (CRU) by September 2011
- 🌐 Conversion of Legacy Data – Patent Application Text (PATI)
 - On track to deploy first stage of functionality to Art Units 2440 and 2460 at the end of August 2011



Front-end Summary

- 🌐 Integrated front-end design & implementation
 - Initial front-end implementations complete
 - Development continues on additional front-end deliverables
 - Deliverables are fully-functioning web-applications, with stubbed-out services
- 🌐 Service-level architecture
 - Completed and integrated into project documentation
- 🌐 Data models
 - Foundational logical model complete
 - Physical model for front-end data through 2nd sprint complete and deployed



Front-end Implementation

0.0.6-SNAPSHOT 1219

My Case List Case Viewer Administration

Case Contents Toolbox Examine the Case Review an IDS Search Prior Art Write an Action Review for SMQ Examine the Merits

Case Contents Case Data

Show: All

Reexam Proceeding

Re-Exam Request - 2/7/2011

Copy of patent for which reexamination is requested	RXPATENT
Fee Worksheet (PTO-875)	WFEE
Transmittal of New Application	TRNA
EFS Acknowledgment Receipt	I417
Receipt of Orig. Ex Parte Request by Third Party	RXOSUB.R
Bibliographic Data Sheet	BIB
Reexam Certificate of Service	RXC/SR
Reexam - Info Disclosure Statement Filed by 3rd Party	RXIDS.R
Paper Reexam File Jacket is scanned	RXFILJKT

Patent

Patent Document

Abstract	ABST
Drawings	DRW
Specification	SPEC
Claims	CLM

Application Prosecution

- Office Action - 5/17/1999
- Office Action - 3/30/1999
- Office Action - 3/22/1999
- Amendment - 3/16/1999
- Office Action - 10/16/1998
- Amendment - 7/31/1998

Amendment/Req. Reconsideration-After Non-Final Reject	A...
Claims	CLM
Applicant Arguments/Remarks Made in an Amendment	REM

Office Action - 7/22/1998

Amendment - 7/13/1998

Office Action - 7/8/1998

Office Action - 6/3/1998

Prior Art

Open Prosecution History

6731989 - SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATENT CARE
02/07/2011 - Kenneth Schofield, Holland, MI

Patent Details Specification Claims Drawings Formatted Version

Show Details

Show Claims Under Re-exam

Claims:

1. A computer, comprising: a fixed casing accommodating a first computer component and having an opening; a movable casing covering said opening of said fixed casing, said movable casing having a tab protruding from said movable casing, said movable casing accommodating a second computer component on an inner surface of said movable casing; a pair of hinges rotatably coupling said fixed casing to said movable casing so as to allow the movable casing to cover and uncover said opening; and a latch comprising a slide mounted on said fixed casing, said slide having an offset corresponding to said tab, said slide moving laterally so as to engage said tab to said offset where said movable casing covers said opening and to disengage said tab from said offset where said movable casing uncovers said opening.
2. The computer of claim 1, said slide having an elongated hole, said fixed casing having a boss corresponding to said elongated hole, said boss being inserted into said elongated hole and guiding the sliding of said slide along said elongated hole.
3. The computer of claim 2, said slide further comprising a grip.
4. The computer of claim 3, further comprising a spring having a first end connected to said slide and a second end connected to said fixed casing, said spring biasing said latch to engage said tab to said offset.
5. The computer of claim 4, said offset having a camming surface on its upper end so as to allow the downward movement of said movable casing to be changed to the lateral movement of said slide.
6. The computer of claim 5, said second component comprising a CD-ROM drive.
7. The computer of claim 2, further comprising: a catch positioned at said fixed casing; and a

Notes



User Involvement

- 🌐 Design/Development sprints every two weeks
- 🌐 Weekly meetings with examiners
 - Both CRU and “regular” examiners
 - To design the functionality for the next sprint
 - To assess the functionality of the previous sprint
- 🌐 Major (holistic) user evaluation every six weeks, most recently in July 2011
- 🌐 Usability advisory council regularly updated
- 🌐 POPA union fully informed
- 🌐 Reactions are positive; critical feedback addressed in ongoing sprints



Back-end Summary

- PE2E Technology stack vetted and finalized for FY11 scope
- Internal development began in June 2011
- Procured development kicked-off in June 2011; delayed 2 weeks
 - SDI NG protest delayed procurement; alternate procurement plan pursued
 - Financial adjustments due to emergent budgetary constraints
- First and second sprints complete with successful demo
- Third sprint underway
- Sprints on schedule for September 2011 release
 - Deliverables will provide services to connect back-end to front-end, replacing stubbed-out services delivered in front-end
 - Will build initial data-intake routines from vendors and USPTO data sources



Back-end Summary Cont.

- XML Schemas under development
 - 7 key content types identified for high-granularity schemas
 - Lightweight schema for additional content types
- High-level physical architecture
 - Completed for development environment
 - Ongoing for QA, Staging, & Release
- Environments
 - Development & QA environments built
 - Requirements being gathered for staging & production environments
- Database
 - Logical & physical model complete foundation and scope of 3rd sprint
 - Expansion of database models for subsequent sprints continues



CRU Data Acquisition Risk

- Risk: Converting entire cases from image to structured text (XML4IP) for use in PE2E
- Mitigation Strategy: Working with existing vendor to do three, 3-week trial runs of conversion to test and modify conversion process
 - First trial is complete with ten full cases (reexamination and parent) converted
 - Second trial started August 2011; leveraging knowledge gained from first sprint to attempt conversion of fifteen additional cases
 - On-track to have production-level, image-to-XML4IP conversion ready for CRU release in September 2011.