• PE2E functionality well-received, but data conversion requirements remains unmet
  – CRU requires all patent case documents to be converted
  – CRU requires maximum 60-day turnaround time for 1st action
  – These 2 priorities conflicted
  – Legacy data integration proceeded slower than planned
• Resources required for AIA requirements reduced PE2E resources
  – CRU was juggling PE2E and AIA changes
  – Unable to effectively plan and execute needed legacy integration solutions
• Independent oversight specialist recommends moving focus from CRU

CRU engagement greatly improved PE2E’s growth & improvement
• Use a cross-section of the examination corps as pilot audience
  – Narrows focus of document conversion efforts
  – Provides more flexibility with conversion times
  – Allows examiners to self-select for PE2E pilot usage
  – Allows for earlier and wider exposure to all TCs
• Leverage successful efforts to automatically convert documents
  – PATI has converted claim, spec & abstract of active backfile (60M+ docs)
  – PATI output convertible to XML4IP
  – Improvements to PATI conversion scope underway
• Simplified release schedule
  – Drop CRU-driven releases
  – Deliver releases to a cross section of the examination corps
• Purpose of November release: improve PE2E quality
  – Obtain user feedback on how PE2E behaves “in the wild”
  – Expose bugs that are difficult to recreate without actual usage
• Challenges
  – Adapting to only displaying claims, spec & abstract as text
  – Moving straight to the more complex workflow of examiner office actions
**Previous Deployment Plans**

- **Sep 2012**
  - **Deploy to CRU:** Docket, Case Viewer, Reference Mgr
  - **Office Action Authoring, Workflow Legacy Interaction**

- **Nov 2012**
  - **Deploy to Corps Pilot Audience:** Docket, Case Viewer, Reference Mgr

- **Mar 2013**
  - **Deploy to Corps:** Docket, Case Viewer, Reference Mgr

- **Apr 2013**
  - **Deploy to Corps Pilot Audience:**
    - Docket, Case Viewer, Reference Mgr
    - Office Action Authoring, Workflow Legacy Interaction

**Current Deployment Plans**

- **Nov 2012**
  - **Deploy to Corps Pilot Audience:** Docket, Case Viewer, Reference Mgr

- **Apr 2013**
  - **Deploy to Corps Pilot Audience:**
    - Docket, Case Viewer, Reference Mgr
    - Office Action Authoring, Workflow Legacy Interaction
• Comprehensive patent family maps
  – Completed initial solution architecture and data model
• Patent application text initiative (PATI)
  – (PATI 1.1) Successfully completed hardware upgrades to enable corps-wide deployment
  – (Backfile migration) Completed conversion of 63M pages of active backfile (claims, specs, abstracts) from image to XML text and deployed to the Patent Corps
PE2E Portfolio Roadmap

- Text2PTO (applicant interface) on track for November prototype
  - Applicant submission interface
  - Conversion of Open Document (.docx) applications into XML4IP
  - Online validation of applications
  - Outreach continues

- PATI text conversion to expand scope of conversion in Q2 FY13
  - Expansion to cover IDS and Remarks documents
  - Continuous data conversion of additional documents

- CPC on track for voluntary examiner usage in Q2 FY13
  - CPC classifications available to examiners in search
  - USPTO & EPO to collaborate in new infrastructure to classify patents
Risks & Issues

*Risks have not changed*

- Availability of USPTO human resources (staff)
- Ambitious scope of features
- Scaling & improving image-to-XML transformation
- Legacy data quality
- Contractor support for software development
Questions

- Questions?