

Patent Public Advisory Committee Meeting



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Chief Information Officer
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What is Patents End-to-End?

- Free from constraints of legacy systems
- Flexible, scalable, and leverages modern technologies
- Utilizes open standards
- Well documented and readily supported



Improvements Every Examiner Will See in FY 2011

- PC hardware upgrades
 - Intel Core i7 CPU, 8GB RAM
- Windows 7 / Office 2010
- Broadband upgrade
 - From 388 Mbps to 2 Gbps
- Communication upgrades
 - Collaboration tool (MCS) replacement
 - Telecommunications (PBX) replacement



Progress Expected in Patents End-to-End IT in FY 2011

🌐 Architecture

- Prototype built
- Plans for hardware acquisitions complete
- Project integrator contractor selected
- Version 1.0 of core architecture implemented

🌐 User Experience

- Prototype requirements completed
- Process re-engineering proposals under consideration
- Advanced search and classification tools tested



Progress Expected in Patents End-to-End IT in FY 2012

IT system with:

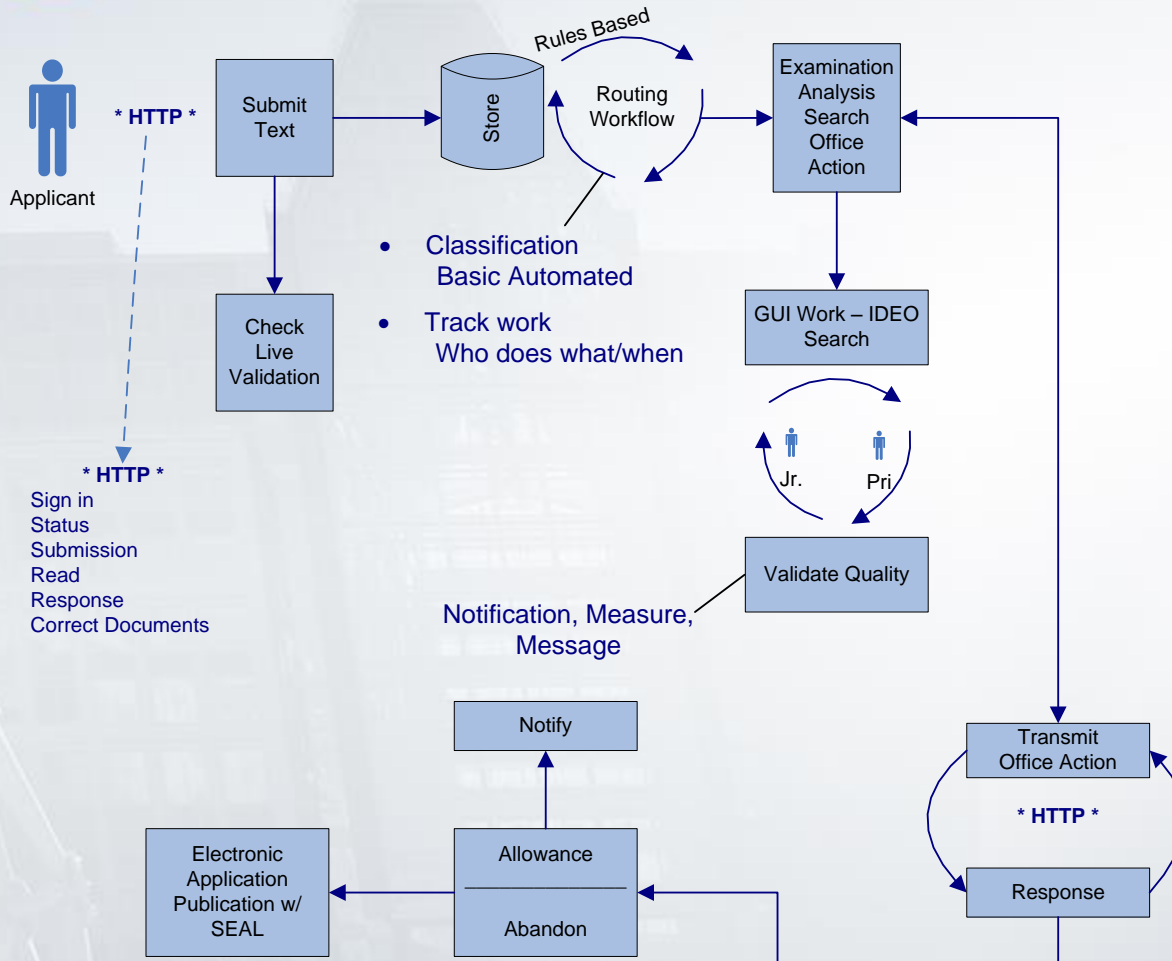
- Accept, manage, search, and publish XML-based applications
- New text search tools and up-to-date version of EAST
- New pre-examination tools and linguistic analysis tools
- Plug-in financial services tools
- Integrated collaboration tools
- Data migration plan
- Training materials ready, trainers hired and trained
- Some examiners using the new system

Important point:

- Enhancements delivered in weeks/months rather than years!
- To circumvent security concerns outlined in a GAO report (GAO-10-513), we'll build an internal cloud environment until a commercially viable federal alternative is available



Base System – Core Infrastructure



- Classification Basic Automated
- Track work Who does what/when

- Cloud
- Redundant
- Distributed
- Scalable

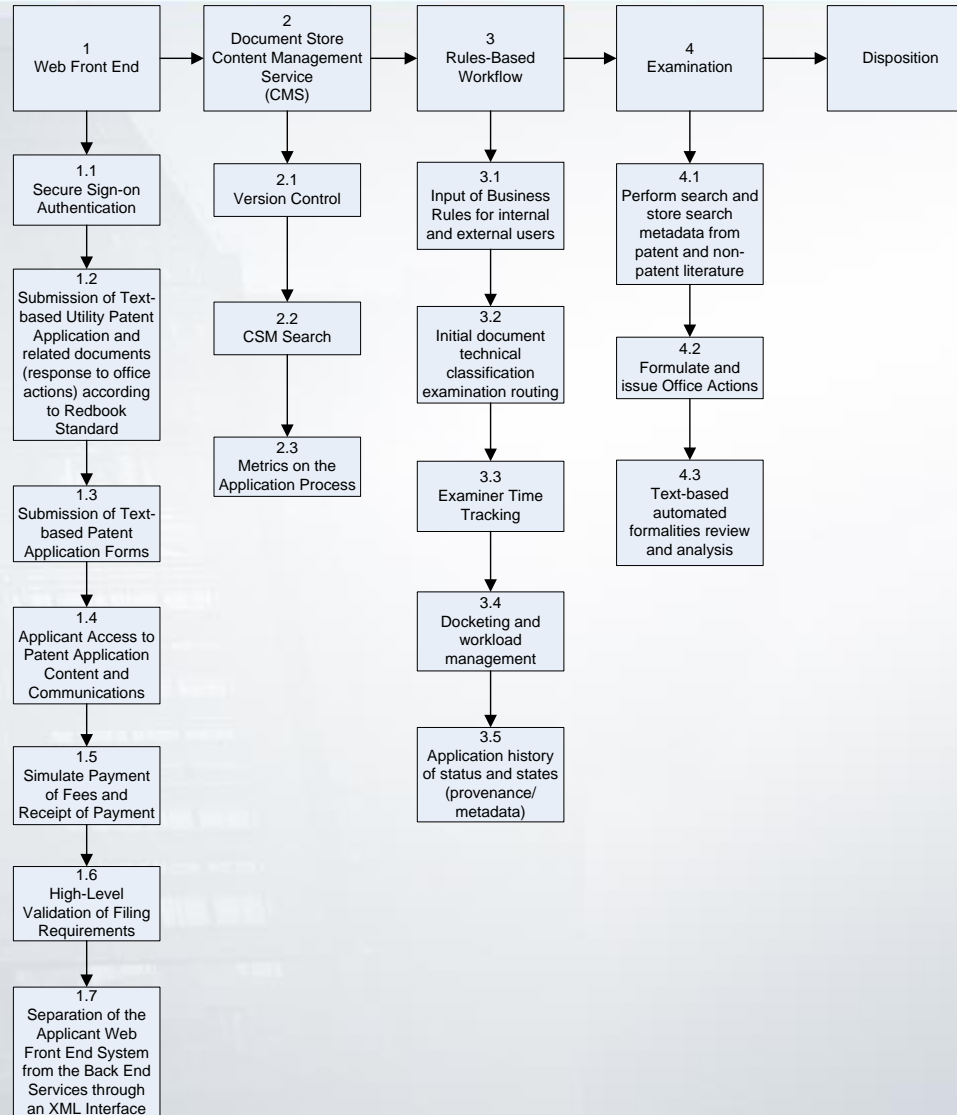


Solicitation Status

- Request for Quotes (RFQ) solicitation will seek proposals for developing Patents End-to-End
- RFQ will result in proposed prototypes for the infrastructure foundation for future iterative development of additional functionality
- Prototype design will provide for a text-based submission/processing/publication solution known as the “Happy Path”



Happy Path – Core Infrastructure



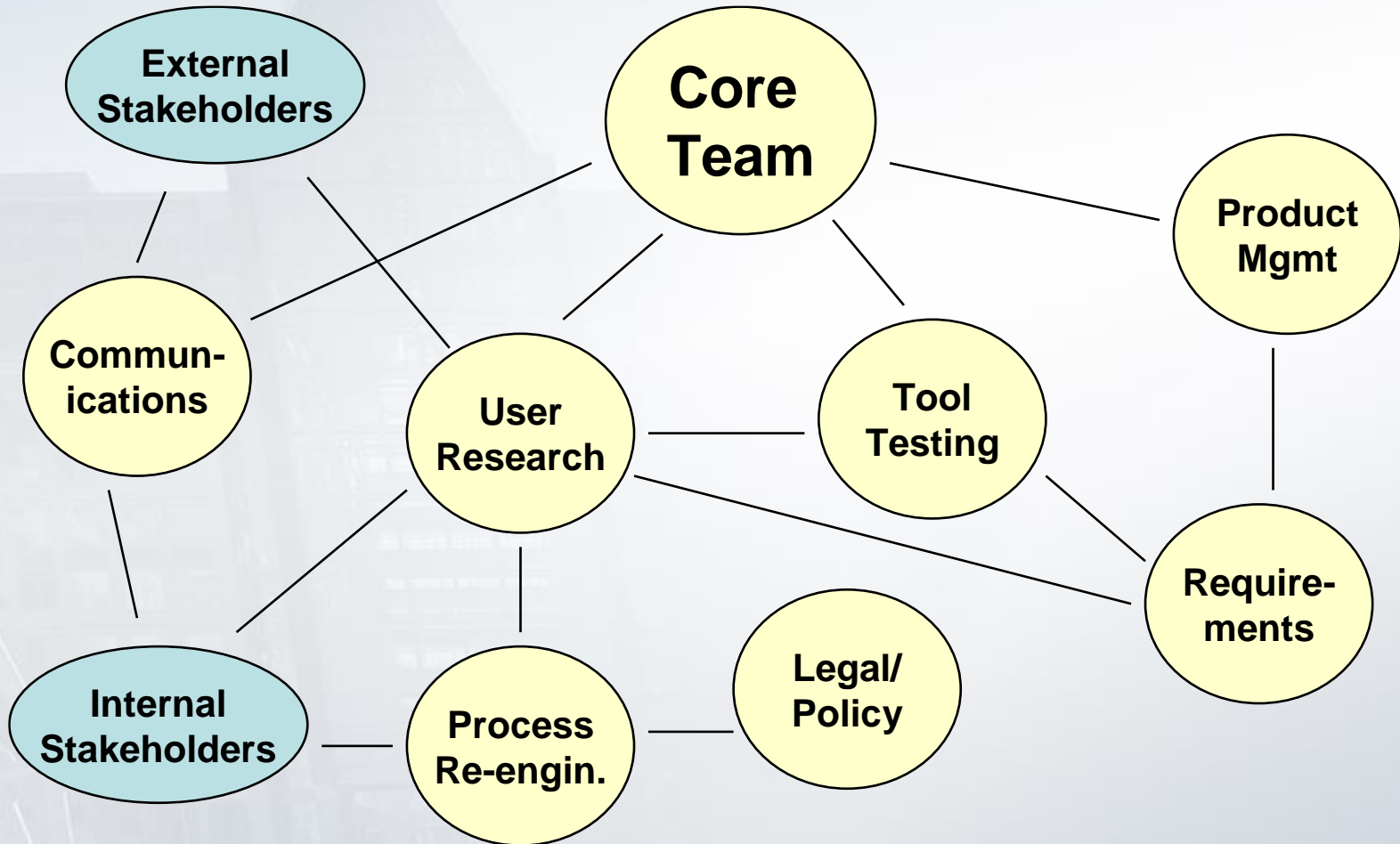


Team Overview

- Nine essential teams have been identified to collaborate on product delivery
- Team leads for each team have already been identified and key team members assigned
- Team charters have been written to define the scope, responsibilities, and delivery dates for each team



Team Overview





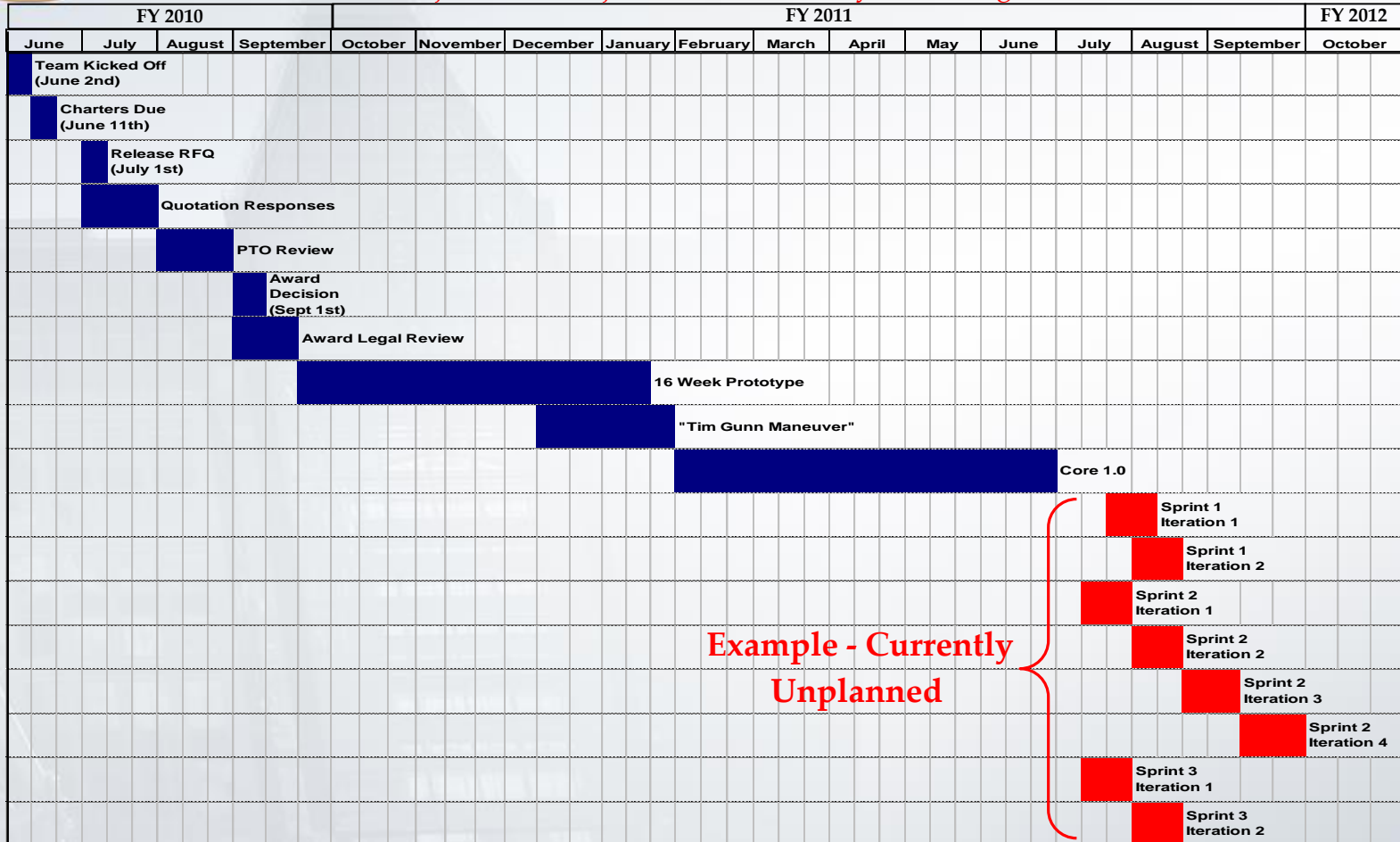
Core Team Members

Team	Leader	Description
Core	John Owens II	Executive guidance/communication; resource management/control
User Research	Marti Hearst	User research analysis; identification of needs; research publication; requirements management; interface testing
Technology & Test	Greg Gabel	Fund/install/run/configure request technology; apply legacy data/scenarios to test solutions; test technology using published data
Requirements	Heather Herndon	Manage business/system/non-functional requirements; enforce/manage format/style requirements
Business Requirement Analysis	Heather Herndon	Map business request to requirements; understand impacts/risks/implementation to statute/rule/policy
System Requirement Analysis	Heather Herndon	Map system requirements from business/non-functional requirements; understand impacts/risks/implementation to system requirements; understand/data/tech/architectural target for implementation of system requirements
Program Management	William Stryjewski	Release management; configuration/change management; procurement writing/awarding, and schedule/resource/scope management
Communications & Implementation	Bert Roepe	Web site management; manage office notices (Official Gazette/Union Notices)
Process Re-Engineering	Jim Dwyer	Identify process/procedures needing re-engineering to align with Under Secretary's Direction in examiner relations/pendency/quality; feeds the requirement team
Legal Rule and Policy	Robert Clarke	Identify/work through legal issues with automation/re-engineering activities
Usability Council	Marti Hearst	Leverage stakeholders to identify future functionality and needs



Timeline

Project dates subject to the availability of funding



- 2011 – Examiners Use Current Tools
- Data Migration Plans Start
- 2012 – Examiners Use Current Tools
- Date Migration Plans Continue
- 2013 – Migration to New Tools Begins