

**UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**uspto**

# Patent Public Advisory Committee Quarterly Meeting

## IT Update

John Owens II

Chief Information Officer

Debbie Stephens

Associate Commissioner for Patent Information Management

David Landrith

Portfolio Manager, PE2E

March 2, 2017

UNITED STATES  
PATENT AND TRADEMARK OFFICE



# Major PE2E Examination Products

Effort	Description	Key Milestones
<b>Docket &amp; Application Viewer (DAV)*</b> in Examination Tools & Infrastructure (ET&I) project (replaces eDan)	Case management tool: docket with multiple views; planner to prioritize work; document, claims, application management; IDS viewer, electronic notes	<b>Full feature parity with eDan achieved May 2016</b> Continuing quarterly enhancement releases <b>eDan retired in Dec 2016</b> <b>BC/DR improvements released in Jan 2017</b> <b>Regular releases to address performance issues on Count Mondays</b> <b>Next steps:</b> Quarterly releases to attain MADRAS parity Q1 FY18
<b>Official Correspondence</b> (Office Actions/replaces OACS)	Authoring & workflow solution; integrates with DAV by leveraging notes, references, & dispositions	Limited audience release Nov 2015 Pilot released Feb 2016; additional features released July 2016 Pilot released to larger audience Oct 2016 <b>Production release to pilot audience completed Dec 2016</b> <b>Production bug fixes completed in Jan/Feb 2017</b> <b>Next steps:</b> FY17 Q3-Q4 production bug fixes; examiner training; rollout to corps
<b>Examiner Search</b> (replaces EAST)	Modern, scalable enterprise search for Patent Examiners	Limited audience release Nov 2015 Pilot released Apr 2016; pilot audience expanded Jul 2016 Pilot release Oct 2016 with additional features <b>Pilot release completed Dec 2016</b> <b>Production bug fixes planned for completion in Jan/Feb 2017</b> <b>Next steps:</b> FY17 Q3-Q4 production bug fixes; examiner training; rollout to corps
<b>Cooperative Patent Classification (CPC)</b>	Harmonization & modernization of classification jointly managed between USPTO & EPO. Facilitates collaborative maintenance of classification system	Released Jan 2013 Presented USPC/CPC crosswalk data for examiners Apr 2016 Released enhancements Jul 2016 <b>Released enhancements Oct 2016</b> <b>Released enhancements Jan 2017</b> <b>Next steps:</b> Quarterly releases in cooperation with international partners



# PE2E Key Release: Patent Center

Modernize eCommerce system to directly receive text-based applications and dramatically increase automation.

Replaces EFSWeb, Private & Public PAIR

**Status:** Focusing on accepting Office Open XML (e.g., docx) and converting to XML4IP to validate feasibility, quality, and system interaction; initial application type is non-provisional utility applications

## Recent Milestones

- Aug 2016: Deployed to limited pilot leveraging EFS-Web & Private PAIR to accept initial non-provisional utility applications (claims, specifications, abstract) in text (docx); Office Actions are also available in text (docx, xml)
- Dec 2016: Deployed improvements to .docx ingestion and text conversion processes
- Feb 2017: Completed RBAC proof-of-concept (delayed from Dec 2016); increased (20 to 86) Customer Numbers in eMod Text Pilot Program for new utility non-provisional applications in .docx (specification, claims, abstract)

## Next Steps

- Apr 2017: 24-hour re-authentication released to test environments
- July 2017: Alpha production release: utility non-provisional, provisional, design, & national stage, and follow-ons
- Sept 2017: Production release of Patent Center Text pilot in EFS-Web/Private PAIR, allowing text filing of initial application for new non-provisional utility

# PE2E Key Release: Global Dossier

## Public Access to Foreign Application Dossiers (GD-PAD)

Provide published US application dossier documents via web services for consumption by foreign IP Offices and a public-facing USPTO website to access foreign IP Office application documents

**Status:** Solution for public documents in use; prototyping underway to share non-public documents

## Recent Milestones

- Work ongoing to implement secure pre-publication document sharing among IP partners
- Jul 2016: Delivered Global Dossier Document Sharing Prototype for IP5 Offices to for testing
- Dec 2016: Delivered Global Dossier Document Sharing system for IP5 partners to test fully functional active component services, shared document processing capability

## Next Steps

- Apr 2017: Begin testing Global Dossier Document Sharing with IP5 partners
- Jun 2017: Establish Back File database for DocDB; test EPO's open patent services
- Aug 2017: Deliver consolidated citation list and export functionality; deliver new portal for examiners



# PE2E Key Release: CPC Management Tools

Enhance USPTO-driven components of CPC, including the Classification Allocation Tool (CAT) to support CPC Reclassification projects and legacy services, and Next Gen applications - DAV and Enterprise Search Tools (EST)

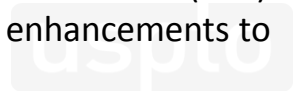
**Status:** Deployed Jan 2013; refining & improving classification tools to work toward CDS retirement

## Recent Milestones

- Oct 2016: Integrate Production Data Control Services (PDCS) tool into CAT; pilot automated updates across USPTO & EPO databases
- Jan 2017: Enhanced QA Tool editing of Classification Symbols; released prototype for synchronizing cloud-based classification database with EPO (CPC INTL)

## Next Steps

- Apr 2017: Deliver new QA Tool Reports; Create Classification Quality & International Cooperation (CQIC) auto-population and validation dashboard; deliver first prototype of cloud based CPC-INTL services.
- Jul 2017: Expand QA Tools to handle combination sets; integrate PDCS in Classification Allocation Tool (CAT) for withdrawals, ability to process publications for Publication and Grants, deliver next phase enhancements to CAT to include combination sets and CPC INTL services



# PE2E Key Release: CPC IP Office Collaboration Tools

Collaborate with EPO to create shared, web-based collaboration tools, including message board-like environment for examiners to discuss classification issues and recommend revision projects

**Status:** Improving tools to increase automation

## Recent Milestones

- Aug 2016: Enhancements for Revision Support Tools, Structured Proposal Editor, Scheme Navigator, and Dashboards
- Nov 2016: Delivered Structured Proposal Editor enhancements, definitions, and images
- Feb 2017: Delivered enhancements to Scheme Navigator, Revision Support tool set, and project coordinator dashboard views

## Next Steps

- May 2017: Incorporate enhancements to revision and editing control, introduce rich text editing for the advanced editor tool, and deliver enhanced board views to dashboard for editorial board
- Aug 2017: Enhance dashboard to include notice of changes; implement definitions and scheme change table; deliver discussion board for comments and real-time collaboration



# PE2E Key Release: Content Management System

Consolidates multiple content repositories into single, modern, highly available solution to reduce duplication & support distributed deployment to decrease downtime

**Status:** Storage solution on hold to resolve high availability and disaster recovery (HA/DR) issues; work on data migration from non-IFW systems continues

## Recent Milestones

- Jan 2016: 70% of all IFW data available to the Patent Corps in the PE2E CMS (delay)
- Mar 2016: 99.5% of IFW data migrated to PE2E CMS (delay from Dec 2015)
- Apr 2016: Taken offline due to issues related to completing requirements for disaster recovery & high availability

## Next Steps

- May 2017: Complete requirements & prototype for HA/DR to bring PE2E CMS back into production in FY17
- TBD: Schedule for major, post-prototype milestones and migration of data from other repositories



# Questions and Comments

**John Owens II**

Chief Information Officer

(571) 272-9400

[John.Owens@USPTO.GOV](mailto:John.Owens@USPTO.GOV)

**Debbie Stephens**

Associate Commissioner for Patent Information Management

(571) 272-5450

[Deborah.Stephens@USPTO.GOV](mailto:Deborah.Stephens@USPTO.GOV)

**David Landrith**

PE2E Portfolio Manager

(571) 272-8947

[David.Landrith@USPTO.GOV](mailto:David.Landrith@USPTO.GOV)



