

**UNITED STATES
PATENT AND TRADEMARK OFFICE**



Patent Public Advisory Committee Quarterly Meeting

IT Update

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Major PE2E Examination Products

Effort	Description	Key Milestones
Docket & Application Viewer (DAV)* 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	Full feature parity with eDan achieved May 2016; eDan retired in Dec 2016 Continuing quarterly enhancement releases BC/DR improvements released in Jan 2017 Released in production additional MADRAS functionality in May, Aug, Dec 2017 Next steps: Monitor DAV on Count Mondays; quarterly releases to attain MADRAS parity FY18 Q4
Official Correspondence (Office Actions/replaces OACS)	Authoring & workflow solution; integrates with DAV by leveraging notes, references, & dispositions	Pilot released Feb 2016 with quarterly enhancements through 2016 Production release to pilot audience completed Dec 2016 to prep for training in Apr 2017 Production bug fixes, performance improvements completed Jan-Sep 2017 ~5k users trained Apr-Aug 2017: TCs 1600, 1700, 2100, 2400, 2900, 3600, & OPESS Examiner use & training suspended due to stability and performance issues Next steps: Confirm stability, resume training and rollout to corps starting with TCs 2400, 2600, 2800, 3700
Examiner Search (replaces EAST)	Modern, scalable enterprise search for Patent Examiners	Quarterly releases to expanding audience Nov-Oct 2016; beta released Dec 2016 Bug fixes, performance enhancements deployed Jan-Sep 2017; deployed to approximately 15 Examiners on compensated time Next steps: FY19 Q1 production ready deployment (delayed from December 2016)
Cooperative Patent Classification (CPC)	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 Continuing quarterly enhancement releases Next steps: Quarterly releases in cooperation with international partners; enhancement focusing on Notice of Change (NOC), artifact generation, cross reference list (CRL), error processing reports, UI for Classification Allocation Tool (CAT), QA Tools and PDCS in CAT

PE2E Key Release: Official Correspondence

Status: OPESS staff have received training; all examiner and Manager pilot users have received training; examiner usage and training has been suspended due to performance and stability issues; currently processing 25% of all production office actions

Recent Milestones

- Apr-Sep 2017: Trained OPESS staff; pilot Patent examiners; managers on User Centered Design Council; and TCs 1600, 1700, 2100, 2400, 2900, 3600 (~5K users)
- Jan 2018: Fixes being tested to address stability and performance issues that led to suspension of examiner training and rollout

Next Steps

- Feb 2017: Rollout and confirm fixes to performance and stability
- FY18: Resume training Patent examiners by Technology Center

PE2E Key Release: Search

Status: Continue development of Search - EST

Recent Milestones

- Dec 2016: Beta release
- Jan-Sep 2017: deployed enhancements; pilot audience currently testing latest version

Next Steps

- Through 2018: Continue to fix production bugs
- Sept 2018: rollout pilot to entire examination corps by Sept 2018 (delayed from Dec 2017)
- FY19: training and retirement of legacy EAST system

PE2E Key Release: Patent Center

Directly receive text-based applications and dramatically increase automation. Replaces EFS-Web, Private & Public PAIR

Status: Building out eCommerce functionality and expanding accepted XML document types

Recent Milestones

- July 2017: Internal Alpha: intake XML for utility non-provisional, provisional, design & nat'l stage, & follow-ons
- Sept 2017: Legacy EFS-Web & Private PAIR enhanced to accept text-based applications for initial application for new non-provisional utility
- Nov 2017: External Alpha based on July 2017 functionality; integrated RBAC, MyUSPTO, Global Dossier, API Gateway, FPNG w/24hr re-authentication, SSO, 2-factor one time password via email, virus scan

Next Steps

- Feb 2018: Add 4 new submission types and 4 corresponding follow-on types; new DOCX features in Patent Center and Web-based Corrected ADS
- Mar 2018: New User Training

PE2E Key Release: CPC Collaboration Tools

Collaborate with EPO to create shared, web-based collaboration tools for examiners to resolve classification issues & recommend revision projects

Status: Improving tools to increase automation and reduce process time

Recent Milestones

- 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
- May 2017: Incorporated enhancements to revision and editing tool, introduced rich text editing for the advanced editor tool, and delivered enhanced 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
- Nov 2017: Deliver enhancements to notice of changes and artifact generation; deliver updates to Cross Reference List

Next Steps

- FY18: Replace CPC E-Forum as CPC workflow tool with a web-based workflow system to support USPTO, EPO, and other CPC member IP offices; Continue enhancements to Advanced Editors and Dashboards.

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

- Jan 2017: Enhanced QA Tool - editing of Classification Symbols; released prototype for synchronizing cloud-based classification database with EPO (CPC INTL)
- Apr 2017: Delivered new QA Tool Reports; Created Classification Quality & International Cooperation (CQIC) auto-population and validation dashboard; delivered first prototype of cloud based CPC-INTL services
- Jul 2017: Expanded QA Tools to handle combination sets; added ability to process publications for Publication and Grants, delivered next phase CAT enhancements to include combination sets and CPC INTL services and to integrate PDCS for withdrawals
- Oct 2017: Enhance QA Tool to handle error processing; create new reports; enhance CPC INTL services and user interfaces for CAT

Next Steps

- Jun 2019: Schedule for major, post-prototype milestones and migration of data from other repositories into production use by DAV

PE2E Key Release: Global Dossier

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: Work reaching conclusion for this phase

Recent Milestones

- Dec 2016: Delivered Global Dossier Document Sharing system for IP5 partners to test fully functional active component services, shared document processing capability
- 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
- Sep 2017: Delayed from Aug 2017. Deliver consolidated citation list and export functionality; deliver new portal for examiners
- Nov 2017: Deliver enhanced data model to capture and store additional information; implement patent number expansion and new information disclosure citation form

Next Steps

- No project in FY2018

Legacy System Retirement

Recent Milestones

- Dec 2016: Retired eDAN; replaced by Document & Application Viewer

Next Steps

- FY18: MADRAS retirement (high risk); to be replaced by Content Management System and Document & Application Viewer
- FY18: OACS retirement; to be replaced by Official Correspondence (OC)
- FY19: OACS & EAST/WEST decommission hardware; to be replaced by PE2E Search
- FY19: Classification Data System (CDS) retirement; to be replaced by CPC

Questions and Comments

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