UNITED STATES
PATENT AND TRADEMARK OFFICE

uspto

Patents end-to-end IT updates

Jamie Holcombe, Chief Information Officer

Deborah Stephens, Deputy Chief Information Officer

William Stryjewski, Patents Product Line Lead

Raman Sarna, Patents Product Line Manager

November 19, 2020

Patent Public Advisory Committee quarterly meeting

**UNITED STATES
PATENT AND TRADEMARK OFFICE**

uspto

PE2E search phased release update

What

- PE2E Search is next generation system that patent examiners will use to conduct prior art search.
- PE2E Search includes minimum necessary functional parity to legacy EAST and WEST systems, in addition to parity plus features.

Current status

- PE2E Search is actively being rolled out to patent examiners with over 1,000 trained currently.
- Incorporated foreign patent office repositories to all users of Search (PCT Minimum country set) – 39M documents.

Next steps

- Continue rollout of PE2E Search to patent examiners.
- Complete foreign data ingest for remaining 23 countries.
- Begin integration with an Artificial Intelligence based feature.

Why

- Incorporation of foreign data into PE2E Search increases examiner's efficiency to search foreign prior art and access to AI can help an examiner discover prior art not otherwise discoverable.

Patent center update

What

- Patent Center is the single unified interface that replaces EFS-Web, Private PAIR, and Public PAIR for filing, reviewing, and managing patent applications.
- Patent Center beta allows applicants to submit and manage real applications.

Current status

- Trained 5,600+ users since mid-April 2020, receiving positive feedback.
- Addressed defects based on user feedback resulting in improved DOCX handling and customer experience.
- Added supplemental examination and two additional ePetitions.

Next steps

- Implement ability to update Application Address and Entity Status to improve user experience.
- Continue to implement additional ePetition types, Hague International Design, and Third Party Submission.

Why

- To respond to user feedback and improve system and user experience.
- To add functionality to meet parity with EFS-Web, Private, and Public PAIR.

Data Center update

What

- Data Center relocation and modernization to facilitate automation, DevSecOps, and greater throughput and performance for the primary and alternate processing sites in Manassas and secondary location.

Why

- Fully capable mission critical applications operational in both processing sites.
- Consolidated infrastructure into a reduced and efficient data center—60% reduction in footprint.
- Ability to quickly provision and reduce assets in both data centers and cloud environment.
- Build a resilient application architecture with containerized solutions.

Current Status

- Contract for primary site awarded August 2020.
- Alexandria to Manassas migration from March 2021 to March 2022.
- Current site discovery and new site design approx. 50% complete.
- Migration strategy and planning approx. 25% complete.
- Vendor self certification compliance with NIST 800-53 security controls.
- USPTO to conduct site security assessment and validation in FY21.

Next steps

- Complete assessment of sites, finalization of relocation schedules, and migration planning.
- Execute relocation plans and begin migration.

Questions and comments

- Jamie Holcombe, Chief Information Officer

  - jamie.holcombe@uspto.gov

- Deborah Stephens, Deputy Chief Information Officer

  - deborah.stephens@uspto.gov

- William Stryjewski, Patents Product Line Lead

  - william.stryjewski@uspto.gov

- Raman Sarna, Patents Product Line Manager

  - raman.sarna@uspto.gov

- (571) 272-9400, OCIO

- (571) 272-5450, Office of Patent Information Management (OPIM)

uspto