WIPO – ASEAN IT Workshop

Topic 4 ASEAN IP Register Platform

WIPO IP Office Business Solutions Division
March 27-30, 2023

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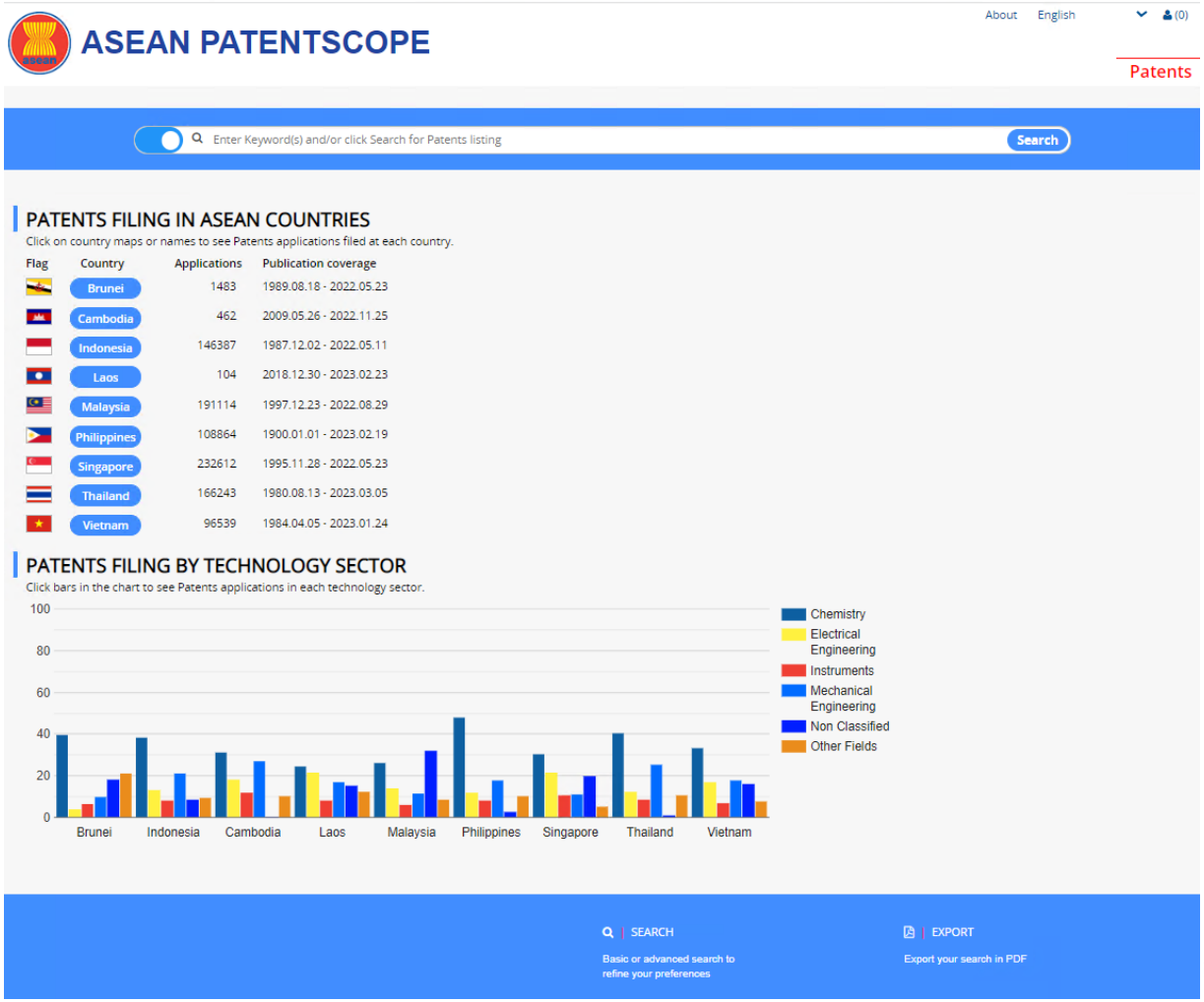
ASEAN IP Register Platform
Current Development Status 1/2



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ASEAN IP Register Platform Current Development Status 2/2

- ASEAN IP Register Platform operational with 9 national patent collections migrated from ASEAN PATENTSCOPE
- Completed key improvements
  - Access response time
  - Stability and scalability
  - Better data protection
  - Delta snapshots of first publication and grant
  - Facet filters
- Data updates in progress
- Exchange of PCT National Phase Entry Information in progress

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ASEAN IP Register Platform Cloud Resources

- Platform with automated data feed processes from national IP administration systems
- Availability 24/7 with load balancers, auto-scaling capability, regional cache nodes, serverless computing
- Regular data feed and backups
- Improved access response time with regional caches
- CAPTCHA data protection to prevent brute force attacks
- Centralized and single search index repository with customized regional and national search interfaces
- System migration partially funded by J-FIT in 2020-2021
- Cloud hosting costs beared by IWPO

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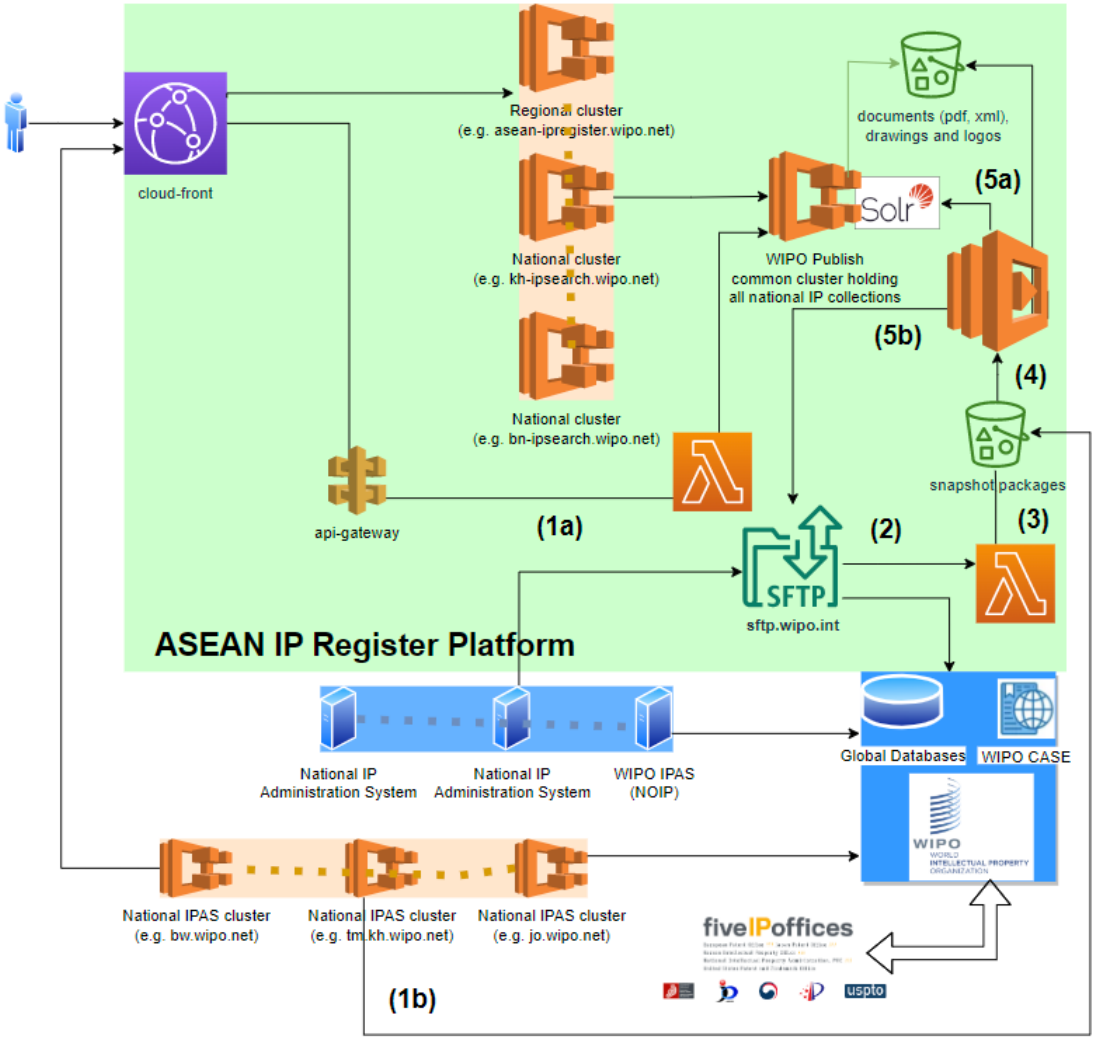
ASEAN IP Register Platform Cloud Hosting



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ASEAN IP Register Platform Objectives

- IP Register with reliable data collection and up-to-date legal statuses (active and expired)
- IP Portfolios and statistics to build a better end-user experience
- Data coverage map with clear updates indicators
- ASEAN data standard
- Streamline national data dissemination processes with data quality control measures

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ASEAN IP Register Platform Service Delivery Model

- Build and maintain an ASEAN data quality manual to standardize published data and documents with recommended quality measures
- Define improvement scopes in phases to include data correction processes in sources (i.e. AMS IP Offices)
- Automate service delivery with notification alerts
- Produce regular data quality reports
- Review achievements and discuss service improvements through regional consultation and coordination (e.g. ASEAN IP Register Task Force)

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ASEAN IP Register Platform Business Requirements (1/3)

- Data Extension
  - Trademarks including national designations of Madrid applications
  - Industrial designs including national designations of Hague applications
  - Published patent documents
- Standardization of legal statuses
  - First publication before or after grant of protection
  - Grant of protection
  - Termination of protection (expiration, abandon, cancellation, etc.)

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ASEAN IP Register Platform Business Requirements (2/3)

- Legal events and data snapshots
  - First publication (ST.26/Q12)
  - Amendment (ST.26/P13)
  - Grant (ST.26/F10)
  - Termination (ST.26/H10 or N10)
  - Assignments (ST.26/R14)
  - Licenses (ST.26/S10)
  - Renewals (ST.26/M10)
  - Changes of representatives (ST.26/R17)

ASEAN IP Register Platform Business Requirements (3/3)

- Integration with other WIPO online services
  - WIPO PATENTSCOPE / family view
  - WIPO CASE / patent dossiers and PCT national phase view
  - WIPO Madrid monitor
  - WIPO Hague Express
- Improved search services (logo search, good and services)
- Improved IP statistics

ASEAN IP Register Platform Improvement Suggestions

- Data
  - Gender and statistics
  - Company and natural person
- IP Portfolios
- Statistic graphs
- Restricted services to IP agents
  - User preferences
- Structure data quality service
- Other

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ASEAN IP Register Platform
Open Questions

- *Certify* IP legal events and data snapshots
- Deliver timely data updates
- Elaborate efficient ways to correct and capture data

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