

Practical Implementation of APIs in WIPO IP Office Services

William Meredith

IP Office Business Solutions

June 13, 2023



Patentscope Web Services (since 2008)

3 Web Services:

- get_iasr
- get_available_documents
- get_document_content
- etc

Initially SOAP, upgrade to REST

Patentscope Web Services (since 2008)

The screenshot displays the Patentscope E-Filing interface for a Patent Application. The main form is pre-filled with PCT application data. A 'PCT Details' modal window is open, showing the following information:

Publication Nbr:	WO2013165028 A2	Application Nbr:	PCT/KE2013/000032					
Publication Date:	07 Nov 2013	Application Date:	03 May 2013					
Priority detail(s):	<table border="1"><thead><tr><th>Office Code</th><th>Priority Application Nbr</th><th>Priority Filing Date</th></tr></thead><tbody><tr><td>KE</td><td>KE/P/2012/001565</td><td>04 May 2012</td></tr></tbody></table>	Office Code	Priority Application Nbr	Priority Filing Date	KE	KE/P/2012/001565	04 May 2012	
Office Code	Priority Application Nbr	Priority Filing Date						
KE	KE/P/2012/001565	04 May 2012						
Applicant(s):	<table border="1"><thead><tr><th>Name</th><th>Address</th></tr></thead><tbody><tr><td>ATAMBO, Patrick Nyachio</td><td>3462 00100 Nairobi G.P.O. KE KE</td></tr></tbody></table>	Name	Address	ATAMBO, Patrick Nyachio	3462 00100 Nairobi G.P.O. KE KE			
Name	Address							
ATAMBO, Patrick Nyachio	3462 00100 Nairobi G.P.O. KE KE							
Inventor(s):	<table border="1"><thead><tr><th>Name</th><th>Address</th></tr></thead><tbody><tr><td>ATAMBO, Patrick Nyachio</td><td>3462 00100 Nairobi G.P.O. KE KE</td></tr></tbody></table>	Name	Address	ATAMBO, Patrick Nyachio	3462 00100 Nairobi G.P.O. KE KE			
Name	Address							
ATAMBO, Patrick Nyachio	3462 00100 Nairobi G.P.O. KE KE							
Primary Title:								
Primary Abstract:								
Secondary Title:	SYSTEMS AND METHODS FOR TRACKING AND AUTHENTICATING SERIALIZED ITEMS							
Secondary Abstract:	The present invention provides systems and methods of authenticating genuine products and detecting counterfeits. The said systems consist of a myriad of services and clients, including at least one Service Registry and User Authentication Service through which the different clients and services, acting as agents within the system, locate and authenticate each other. Genuine products include taggants that have a short, random, concealed string and a visible string of characters which together are used when identifying authentic items. Recipients of items are supplied with the concealed string and a means of matching it with the visible string and thus the product on which it appears, for use in authenticating received items.							
IPC:	G06Q 30/00(2012.01)							

Buttons: Confirm, Cancel

Example : e-filing in Mongolia using WIPO File

Form is pre-filled with PCT application data

WIPO CASE (since 2011)

3 Web Services:

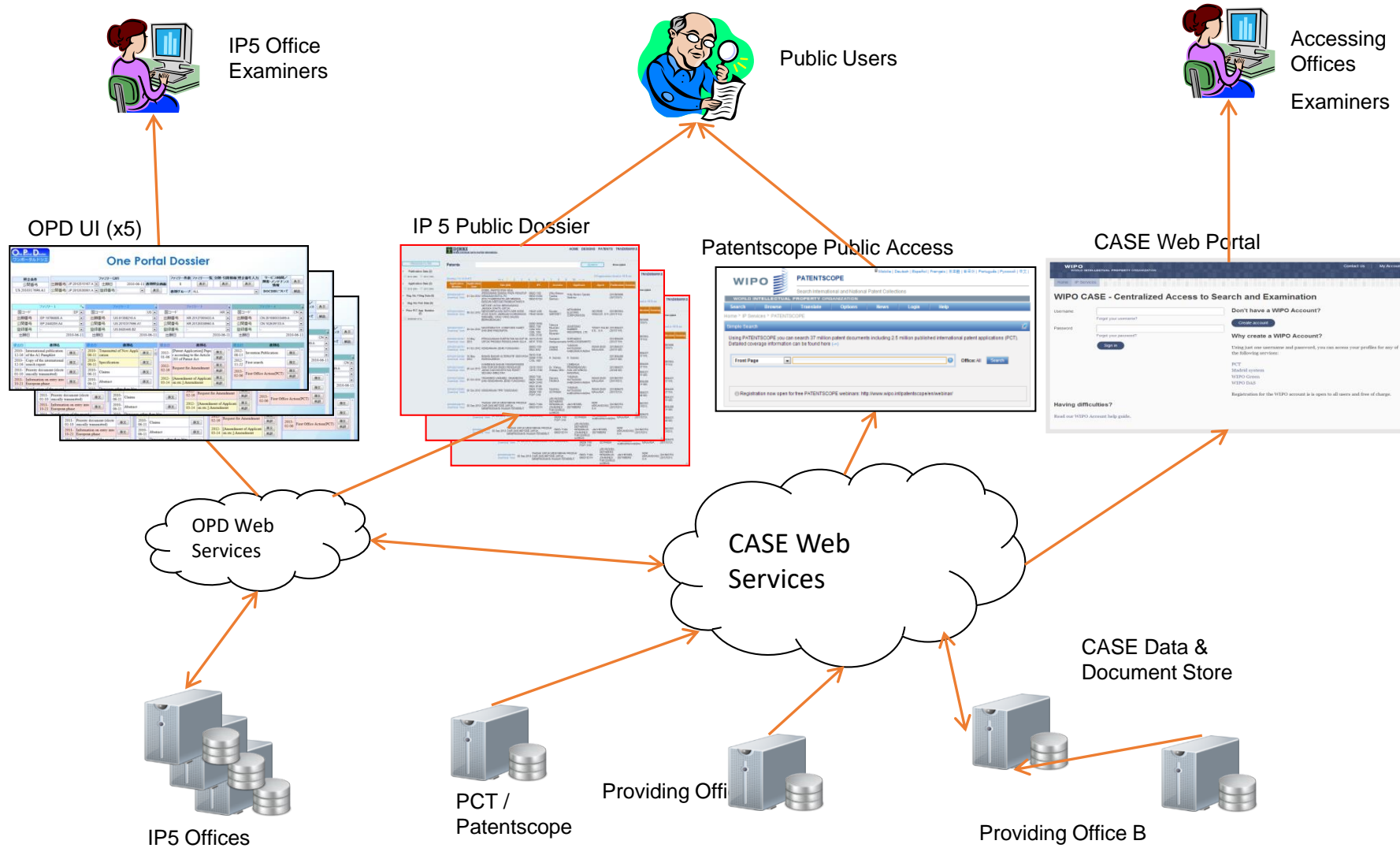
- getBiblioData
- getDoclist
- getDocContent
- (plus citation and classification)

Real time integration of systems from WIPO CASE providing offices

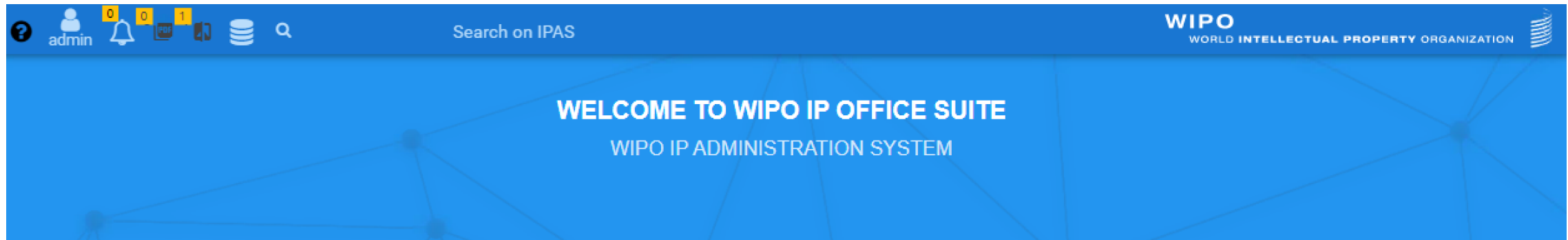
Integration with IP5 / OPD and with PCT/Patentscope

Integration of offline sources (documents uploaded)

WIPO CASE Constellation



WIPO IP Office Suite – Complete Solution for IP Offices



WIPO | PCT
RO Dashboard



Pending Publication
Notifications



New Reception
Pending Reception
Dashboard
Configurations



Register View
Stakeholders



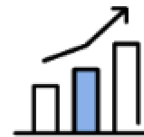
Pending Tasks
Pending Requests
Physical Deliveries



Health Check
Job Scheduler
System Logs
User Management



System Configuration
Fee Configuration
Mailmerge Configuration



Annuities
Renewals
Performance
Statistics

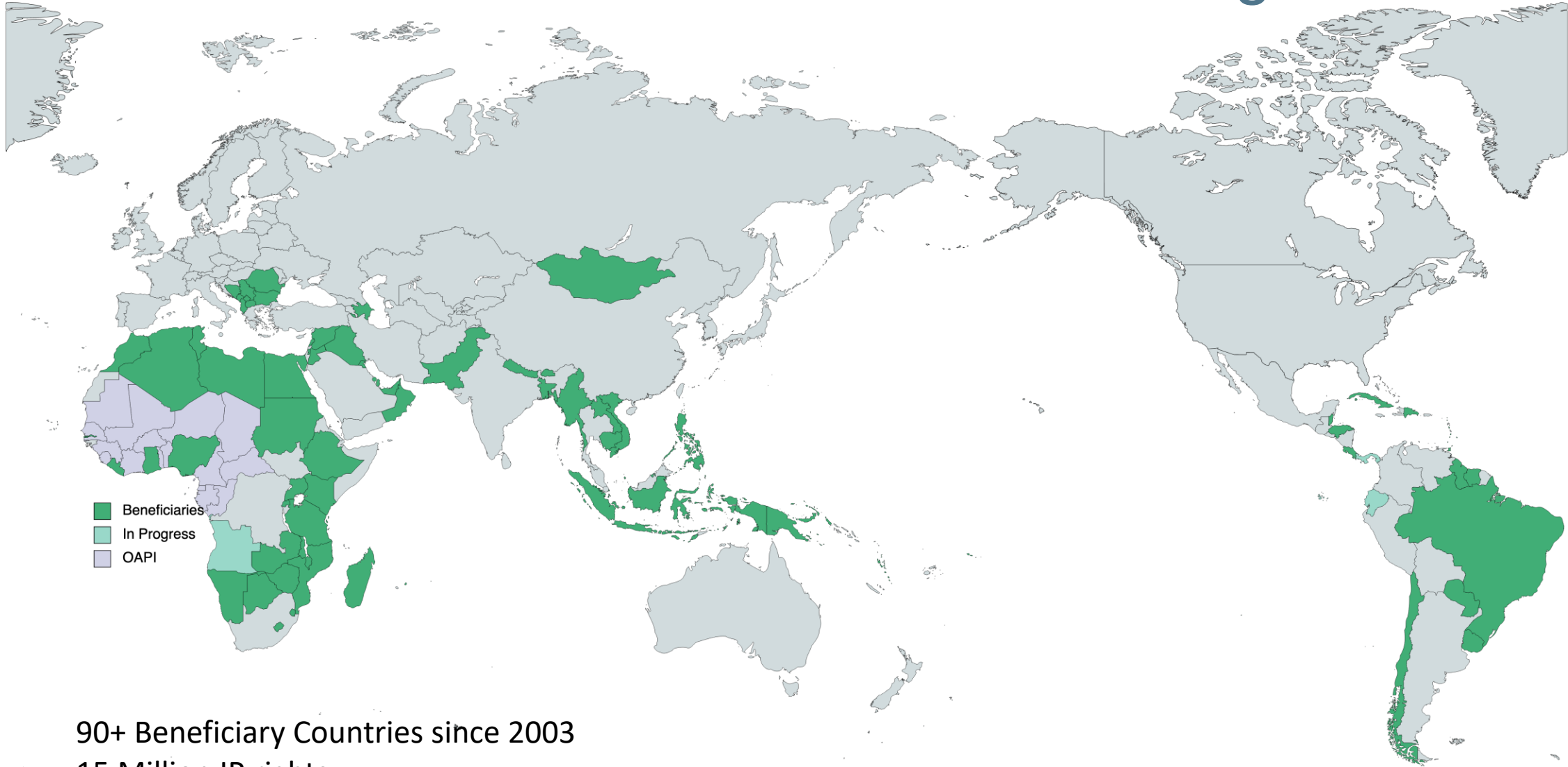


Pending Data Capture
Pending Document Capture
Pending Daily Logs



Do Dashboard
Configurations

WIPO IP Office Suite – Global Coverage



90+ Beneficiary Countries since 2003
15 Million IP rights
5000 users

Created with mapchart.net

WIPO IP Office Suite – pre-2020

APIs to access IPAS application server (EJB solution)

Low-level APIs : read table, write table, etc.

User has to know IPAS structures and logic

```
package patent;  
  
import java.util.Scanner;  
  
import org.ipas.commons.CFileId;  
import org.ipas.commons.COwner;  
import org.ipas.commons.CPatent;  
import org.ipas.commons.CommonsProxyFactory;  
import org.ipas.commons.IPatent;  
import org.ipas.proxy.IpasException;  
import org.ipas.proxy.IpasInteger;
```


WIPO IP Office Suite – since 2020

Business-level API, based on experience from WIPO CASE, etc.

SOAP Web Services, open authentication, ST.96 data formats

Example APIs :

- ipfile/trademark
- ipfile/patent
- ipfile/postfiling/designamendment
- ipfile/postfiling/restoration
- Etc, etc x45

Complete API interface to IP office business transactions

Example – Jordan Online Portal

lppd-eservice.mit.gov.jo/tm/prereg/viewOwnerInformationComp

CIPF Ministry of Intellectual Property

Applicants Information

[APPLICANTS INFORMATION](#)
[AGENT](#)
[NOTIFICATION ADDRESS](#)
[APPLICATION INFORMATION](#)
[DRAWINGS](#)
[NICE CLASSIFICATION](#)
[VIENNA CLASSIFICATION](#)
[PRIORITY DATA](#)
[ATTACHMENTS](#)

Application Number: 37648
Application Date: 14/04/2021 09:51 AM
Inbound No.:

Applicant Name: **Basarat Intellectual Property**
Filing Status: Pending Verification

Current Application				Updated Application			
Type of Registration Applicant	Nationality	Name [Ar]	Options	Type of Registration Applicant	Nationality	Name [Ar]	Options
Foreign Company	UNITED STATES OF AMERICA	جونسون آند جونسون	Details	Foreign Company	UNITED STATES OF AMERICA	جونسون آند جونسون	Details

Type of Registration Applicant: Foreign Company
Applicant's name (Arabic): جونسون آند جونسون
Applicant's name (English): JOHNSON & JOHNSON
Nationality: UNITED STATES OF AMERICA

Applicant Career: Merchant , Importer , Industrialist
Trade Name (if any):

Type of Registration Applicant: Foreign Company
Applicant's name (Arabic): جونسون آند جونسون
Applicant's name (English): JOHNSON & JOHNSON
Nationality: UNITED STATES OF AMERICA

Applicant Career: Merchant , Importer , Industrialist
Trade Name (if any):

رصاڤ زھڤنا S OF AMERICA

WIPO IP Office Suite – Goals

One API, 90+ offices

Easy integration for 3rd parties, including IP agents

Enable user-oriented solutions for more efficiency

Global IP Platform ?

Questions? 😊

