

# Topic 17 – IP Digital Transformation in Africa: Experiences, Lessons Learned, and Practical Insights

May 8, 2025

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WIPO Industrial Property Business Solutions Division (IPOBSD)

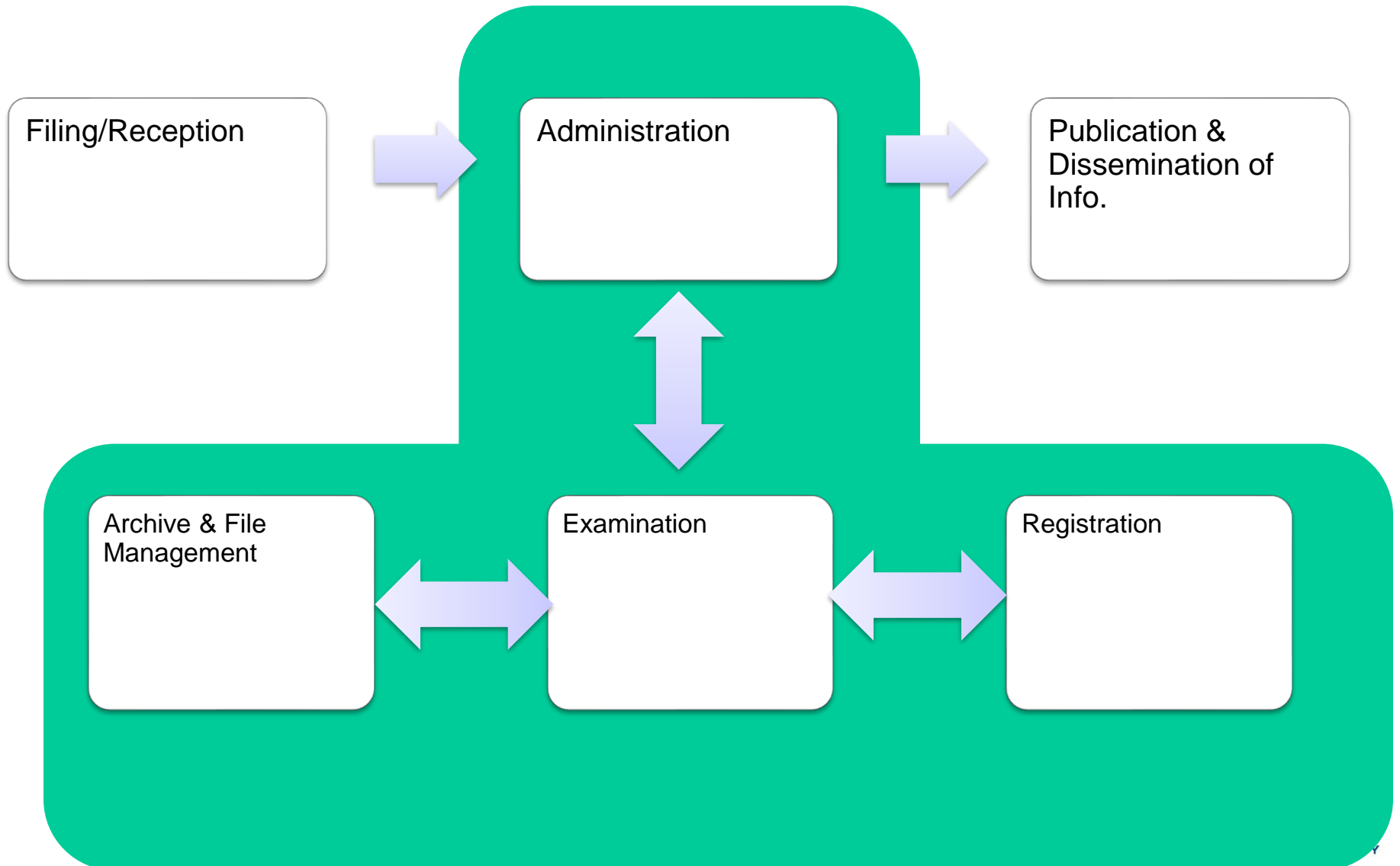
# Agenda

- Before IPO Digital Transformation
- WIPO Solutions – Products and Services
- IP Office Digital Transformation
- IP Back Office Transformation
- IP Front Office Transformation
- IP Online Search and Publication
- Electronic Collaboration and Data Exchange Modules

# IP Office – Before Digital Transformation

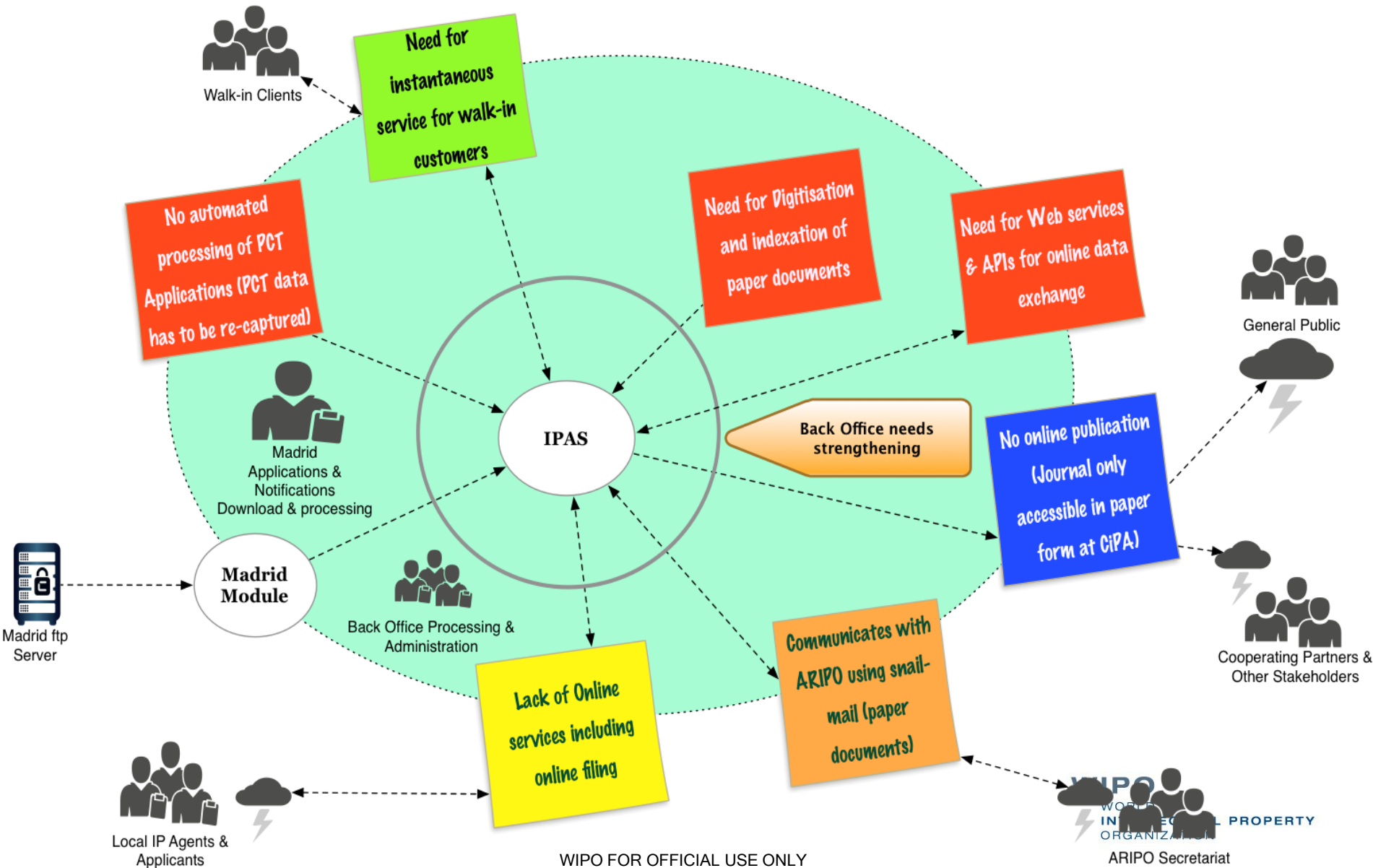


# General IP Office Core Functions

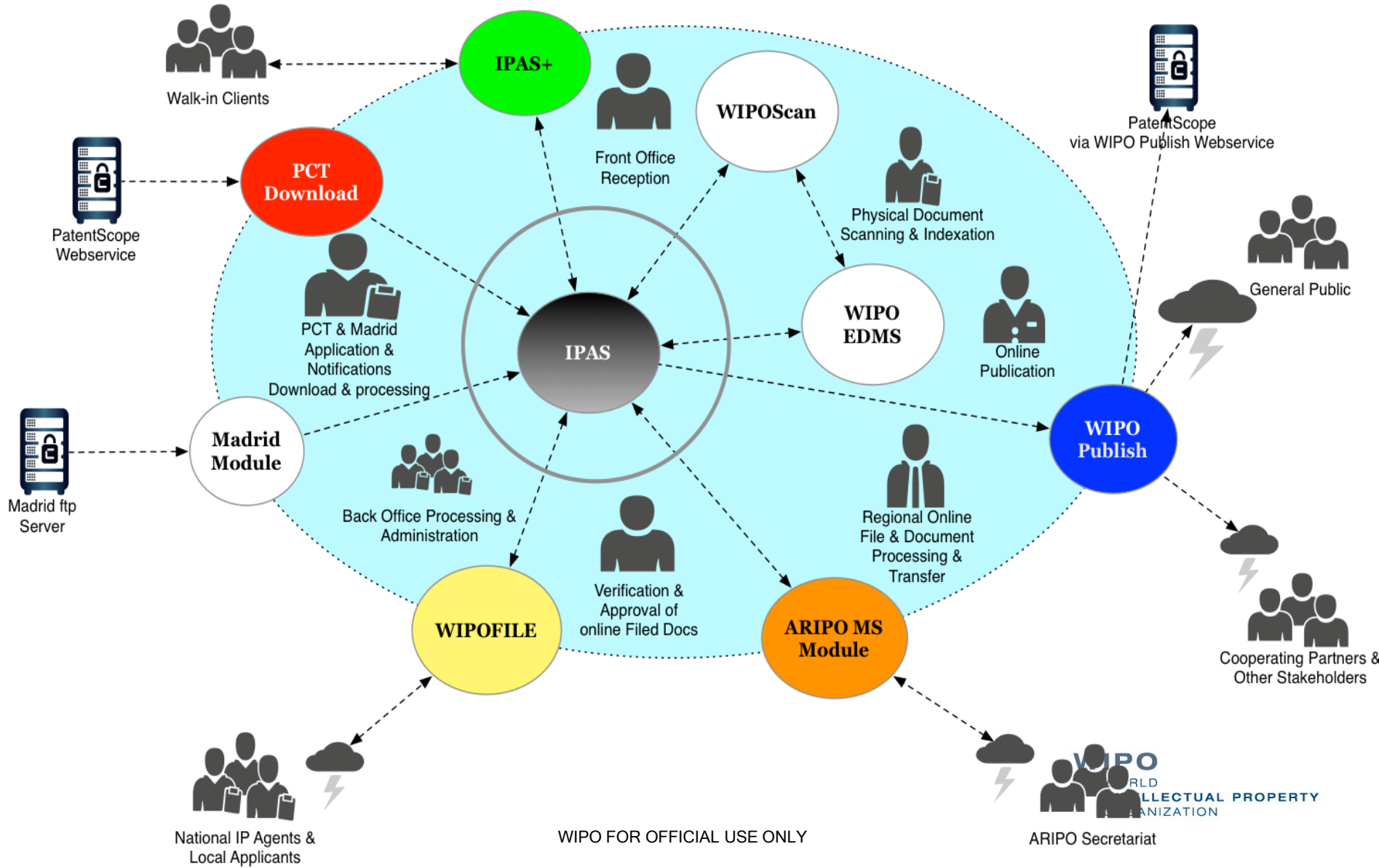


# Example Needs Expressed by an IP Office

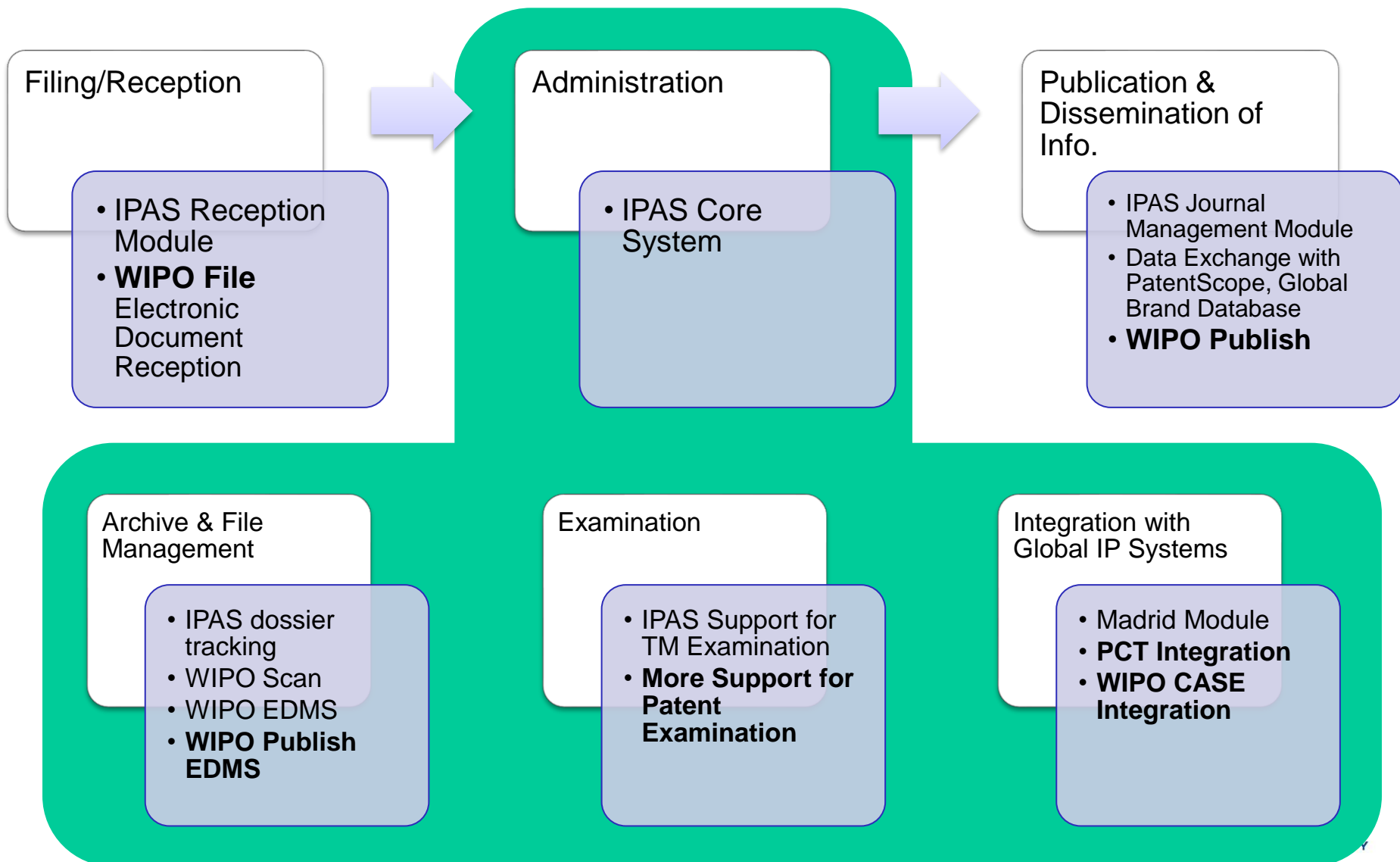
## CURRENT SETUP AND IDENTIFIED GAPS



# WIPO Solutions – Products and Services

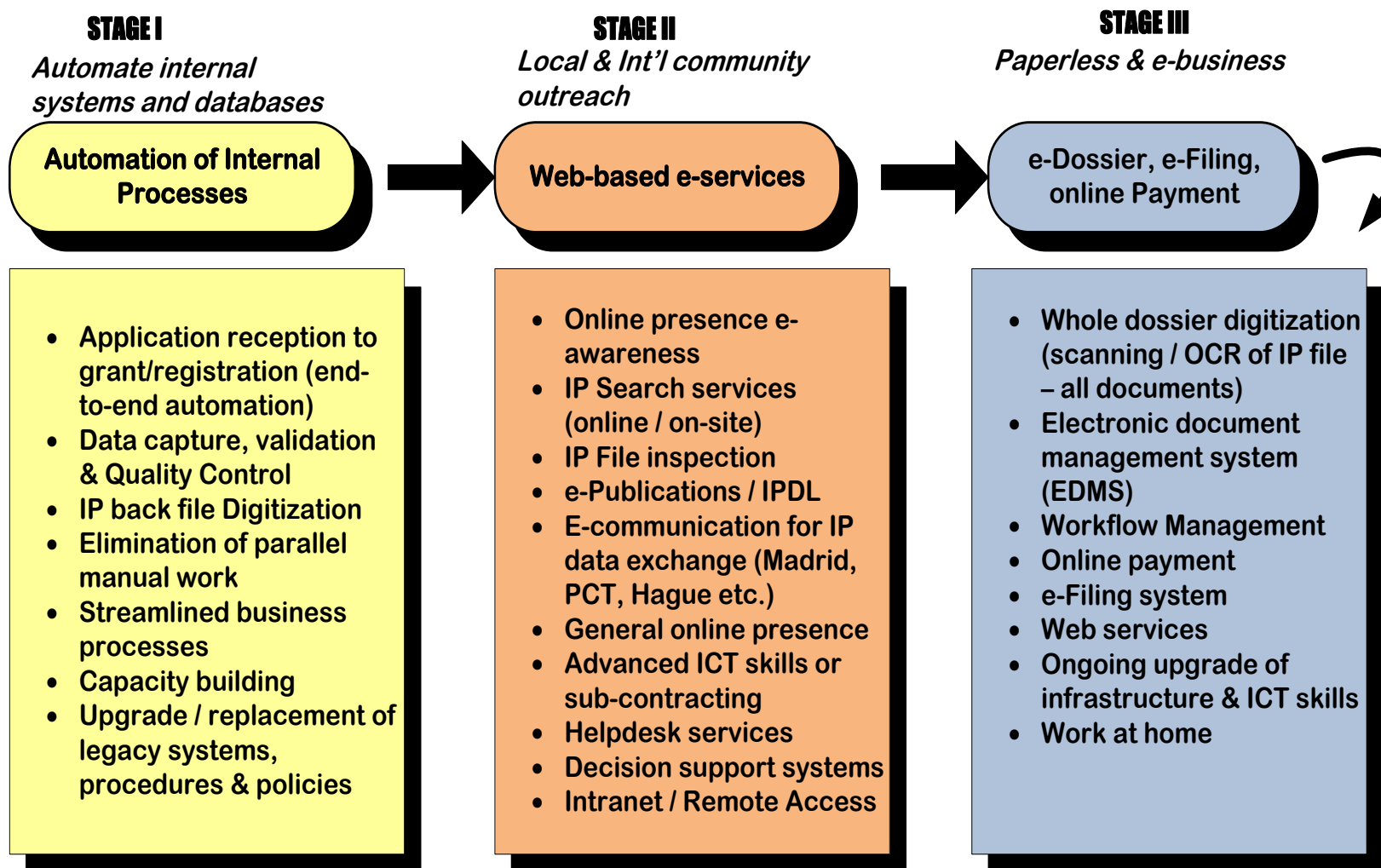


# Support for IP Office Business Processes

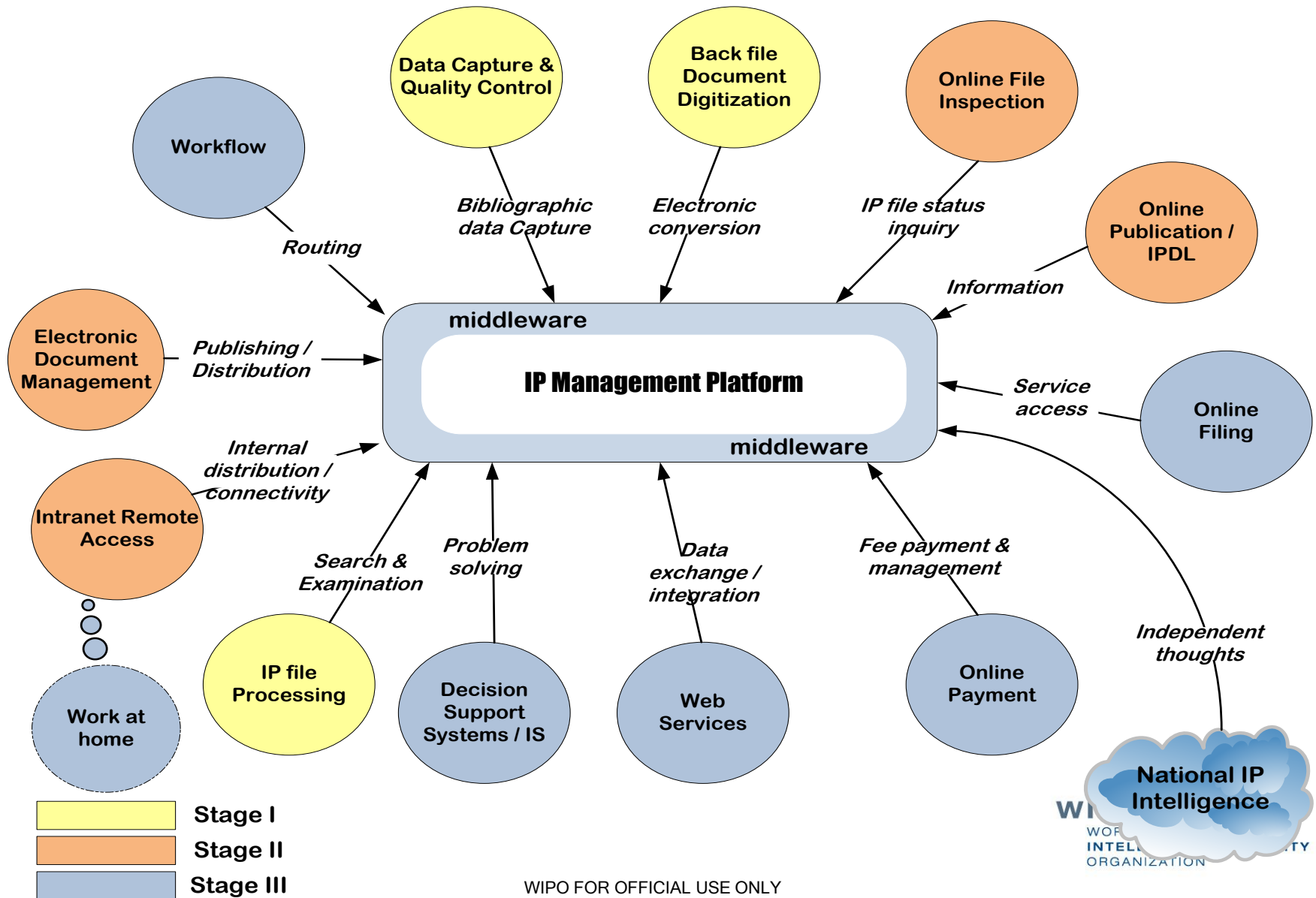




# IP Office Digital Transformation



# IP Office Functions and Services



# IP Back Office Transformation

IPAS (Industrial Property Automation System) is a software developed and Supported by WIPO for the complete administration of IP rights in an IP Office.

It covers the management of trademarks, patents, industrial designs, utility models. IPAS is designed as an IP case management system hence can be extended to support other IP domains like Copyright, and Geographical Indications.

## Functionalities and Services

- Case Data Management (Key-in, Change, Business rules, Log, Persist in Database)
- Workflow (Case lifecycle aka Status Transition)
- Office Notifications / Letters
- Examination
- Publication
- Issue of Certificate
- Query (Bibliographic Data and Codes: Nice, Vienna, Locarno, IPC )
- Trademark Search Report (Including Phonetic)
- Fee – Payment Recording
- Document Tracking
- Import International Trademark (Madrid and ARIPO)
- Statistics
- User-Authorization Management

Patents / Trademarks etc.  
International Trademark & PCT  
Opposition  
Registration-Record-Renewal  
Patent  
Industrial Design  
Utility Model

# More IPAS Features

Processing Renewals of trademarks and industrial designs

Processing assignments, merger, change of name and/or address, etc...etc.

Annuities generation and payment tracking

Journals/Gazettes preparation

Pre-Filing Search

Dossier Tracking

Productivity Report

Yearly Statistic Report

Linkage with electronic document management system

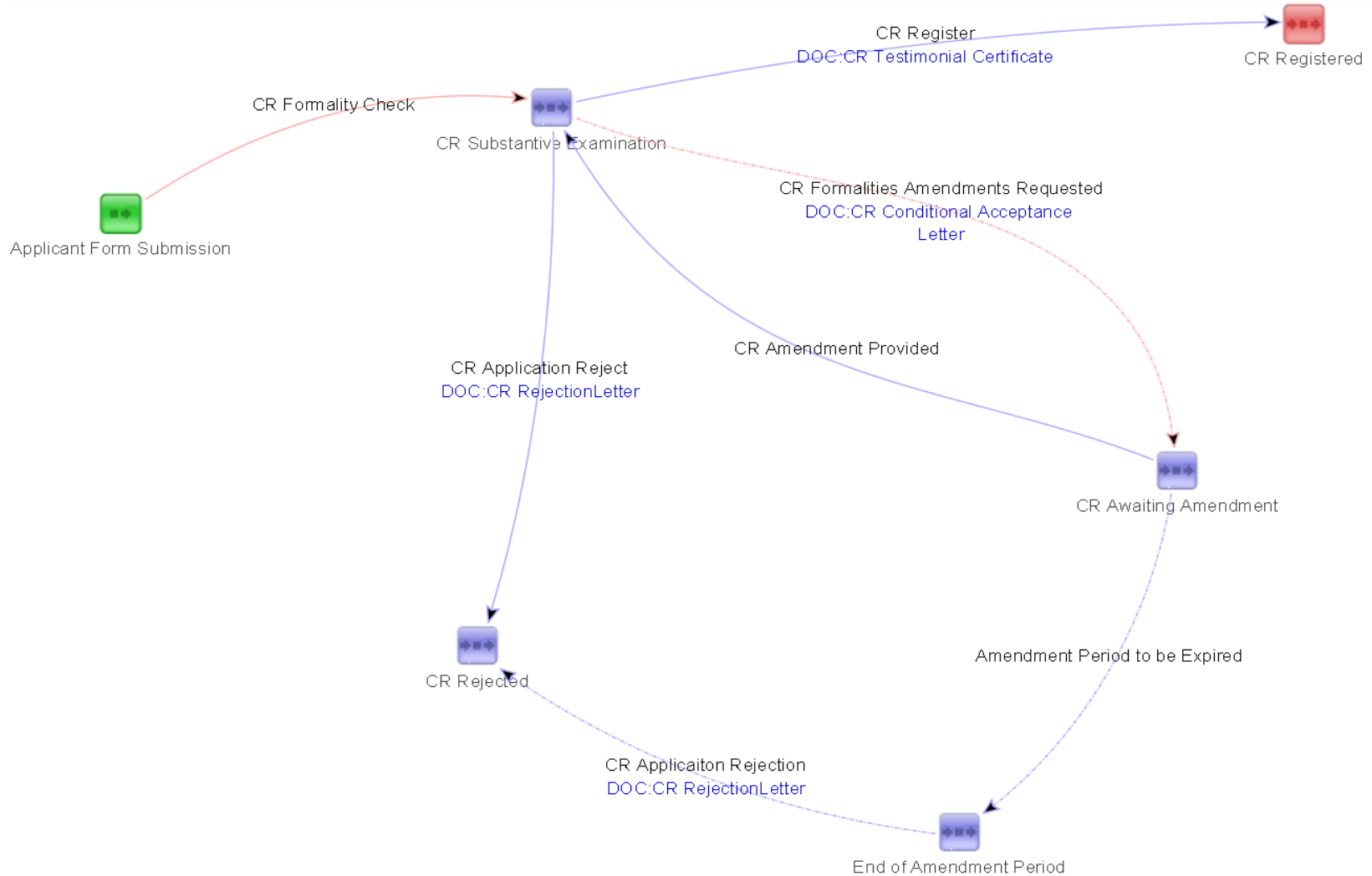
# IPAS Customzation

Extensive customization including:


National IP laws, Regulations / Administrative Procedures,  
Workflow processes, legal time-periods and deadlines,  
Templates of official correspondences (Office Notifications  
& Letters), certificates, gazettes,  
Language, terminology

No programming is required to customize IPAS

# Copyright Workflow in IPAS



# Copyright Administration in IPAS

 IPAS - Industrial Property Administration System User : BIPACPR361



[Back](#) | [Home](#) | [Logout](#) | [Edit](#) | [Workflow](#) | [New patent](#) | [Changes log](#) | [Validate](#) | [Folder PDF](#) | [View POA](#) | [View Assignments](#) | [Similar Owner](#)

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## View patent

Record 1/1

Application type	Artistic Works
(219) Application Nbr	NA/C/2023/000001
Reception date	01/11/2023
(220) Filing date	01/11/2023
Novelty date	01/11/2023
Status	Applicant Form Submission
(71) Applicant	1. bob, stree [NA];
(54)Title	AUEU
English title	
(57)Abstract	disd
English abstract	

[Help](#)  [Configuration](#) 

# Copyright Office Action in IPAS

simple&processIdAsString=50021&newWindowId=1700735892038&parentWindowId=1700735786660

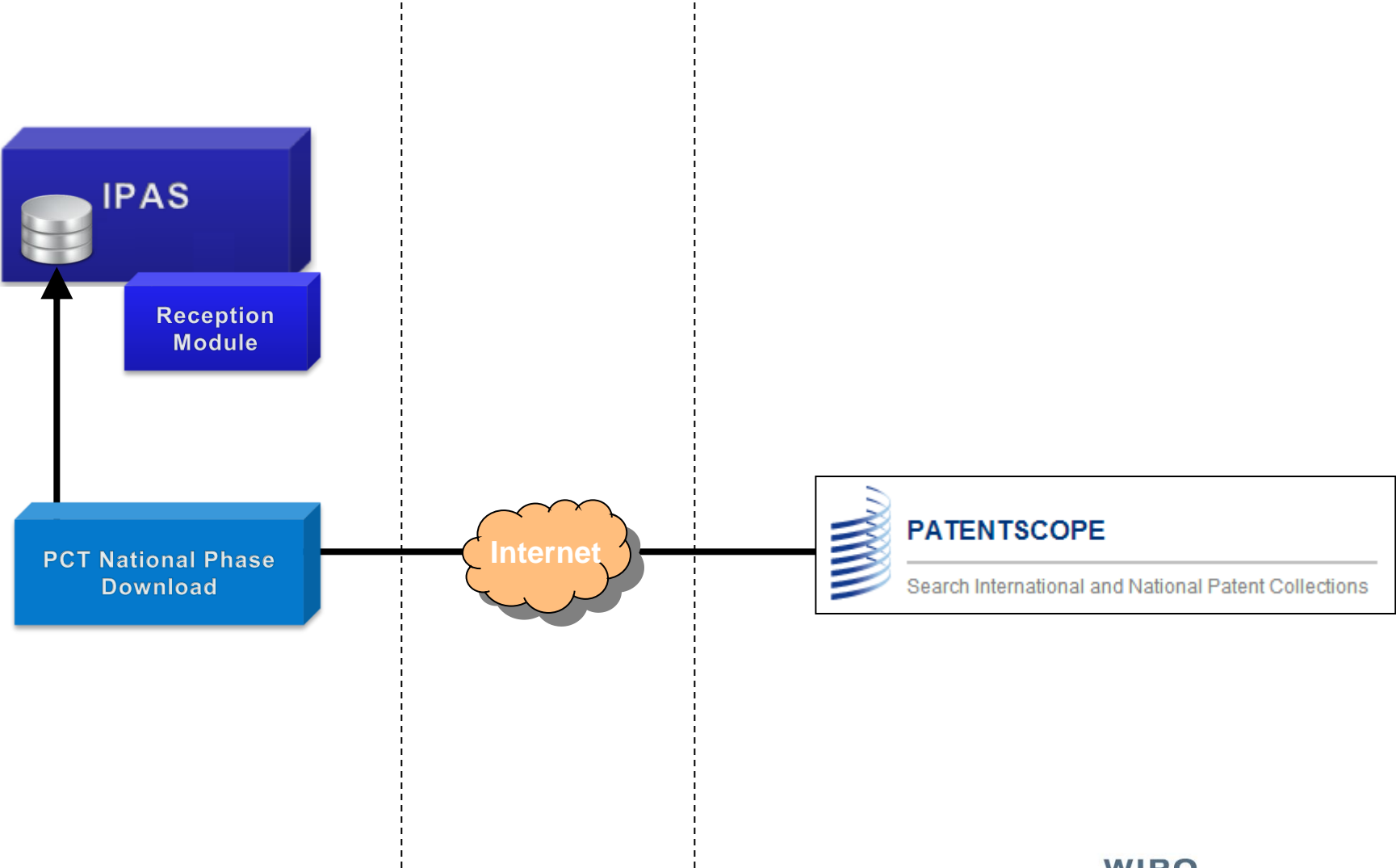
Close | New action | View patent | Rel. Previous | Rel. Next | Other process | Filter | Other patent | Tree mode | Refresh | Add manual sub process | Edit | Save changes

## Edit process data

File: NA/C/2023/1 - AUEU - bob - Applicant Form Submission

Type	Date	Action By	Description	Notes	Action 1	Action 2
e-doc	01/11/2023 08:00:01		CR Artistic Works Edoc	No content yet	<a href="#">E-doc content</a>	<a href="#">PDF</a>

# WIPO File PCT National Phase Integration



# IP Records in IPAS

IPAS JAVA - Industrial Property Automation System

Usuario: IPOPNG

[Back](#) | [Excel list](#) | [Report list](#) | [Add all to process group](#) | [Sort](#)

[Home](#) | [Logout](#)

## Select patent

Search criteria: Filing date >= 01/01/2012.

44 items found, displaying 16 to 30.

◀◀ 1, 2, 3 ▶▶

	File id	Filing date	Reg Nbr	Application subtype	Title	Classes	Owner	Status	Responsible
<input type="checkbox"/>	<a href="#">PG/P/2012/000016</a>	25/01/2012		PCT	PROCESS OF RECOVERY OF BASE METALS FROM OXIDE ORES	C 22B 23/00, 3/10	VALE S.A [BR]	Objected (formalities)	
<input type="checkbox"/>	<a href="#">PG/P/2012/000017</a>	30/01/2012		PCT	IMPROVED GAS SCRUBBER APPARATUS AND METHOD	B 01D 47/02, 47/06, 53/14, 53/18, 53/48, 53/54, 53/62	ENVIRORESOLUTIONS INC. [CA]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000018</a>	31/01/2012		PCT	OIL/WATER SEPARATOR PROCESS AND APPARATUS	B 01D 17/028, C 02F 1/40, C 11B 13/00	STERI-FLOW FILTRATION SYSTEM (AUST) PTY LTD [AU]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000019</a>	09/02/2012		PCT	PROCESS FOR THE RECOVERY OF METALS SUCH AS NICKEL FROM IRON-CONTAINING ORE BY LEACHING WITH ACIDIC SULFATE SOLUTION	C 22B 23/00, 3/08, 3/44	ANGLO OPERATIONS LIMITED [ZA]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000020</a>	10/02/2012		PCT	METHOD FOR REMOVING IMPURITIES	C 01B 31/20, F 25J 3/02, 3/06	RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH [JP]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000021</a>	30/01/2012		PCT	A METHOD OF STORING AND TRANSPORTING LIGHT GASES	C 10L 3/10, F 17C 11/00, F 25J 1/00	SYNFUELS INTERNATIONAL, INC. [US]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000022</a>	24/02/2012		National	A WALL ASSEMBLY INCLUDING A CONDUIT SPACE AND A STRUCTURE INCLUDING THE WALL ASSEMBLY		METECNO PTY LTD [AU]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000023</a>	28/02/2012		PCT	METHOD FOR PRODUCING LUBRICANT BASE OIL	C 10G 45/60, 45/62, 65/12, C 10M 101/02, 105/04, C 10N 20/00, 20/02, 20/06	JX NIPPON OIL & ENERGY CORPORATION [JP]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000024</a>	28/02/2012		PCT	VESSEL FOR CONTAINING CATALYST IN A TUBULAR REACTOR	B 01J 8/02, 8/06	DAVY PROCESS TECHNOLOGY LIMITED [GB]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000025</a>	07/03/2012		PCT	POLYGONAL LNG VESSEL		GAZTRANSPORT ET TECHNIGAZ [FR]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000026</a>	07/03/2012		PCT	FULLY SYNTHETIC JET FUEL		GAZTRANSPORT ET TECHNIGAZ [FR]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000027</a>	13/03/2012		National	DOUBLE-VERTICAL, STAGGERED SLAT, SUN & PRIVACY BLIND WITH AWNING		ROBERT (BOB) COGUT [PG]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000028</a>	19/03/2012		National	METHODS FOR VEGETATIVE PROPAGATION OF GRASS PLANTS		TREEFREE BIOMASS SOLUTIONS, INC. [US]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000029</a>	27/03/2012		PCT	HYDROCARBON SYNTHESIS REACTION APPARATUS, HYDROCARBON SYNTHESIS REACTION SYSTEM, AND METHOD FOR COLLECTION OF LIQUID HYDROCARBON		NIPPON STEEL ENGINEERING CO., LTD [JP]	Accordance of filing date	
<input type="checkbox"/>	<a href="#">PG/P/2012/000030</a>	27/03/2012		PCT	HYDROCARBON SYNTHESIS REACTION APPARATUS, HYDROCARBON SYNTHESIS REACTION SYSTEM, AND HYDROCARBON SYNTHESIS REACTION METHOD.		NIPPON STEEL ENGINEERING CO., LTD. [JP]	Accordance of filing date	

# Automated Office Actions

Close | New action | View mark | Other process | Set filter | Other mark | Tree mode | Refresh | Add manual sub process | Edit | Save changes

## Edit process data

File:74342 - Ice Mountain - Fraser and Neave, Limited - TM Pending for Dept. Decision

Events Status Frozen By Freezing

Type	Date	Description	Notes	Action 1	Action 2
e-doc	15/06/2017	Foreign Trademarks	Content certified on 15/06/2017 by KHDIPMOC		<a href="#">PDF</a>
Action	15/06/2017	(automatic) New online application		<a href="#">Details</a>	
User Doc.	17/07/2017	Userdoc:UD Receiving Original Document (Doc 2017/9432) File:74342 - Ice Mountain - Fraser and Neave, Limited	UD Received (09/08/2017)		<a href="#">PDF</a>
Note	25/07/2017	TM Update Status* [deleted]		<a href="#">Details</a>	
Action	25/07/2017	TM Assign Examiner		<a href="#">Details</a>	
Action	04/09/2017	TM Recommend Provisional Refusal (Examiner)	Different Address	<a href="#">Details</a>	
Action	07/09/2017	TM Recommend Provisional Refusal (Bureau)		<a href="#">Details</a>	

# IPAS Data Input Verification – Check List

Option name	Checked	Select	Unselect	Detail
Correctly classify the goods or services		Select	Unselect	Detail
Date the application form		Select	Unselect	Detail
Insert the Full Name of Applicant on application form		Select	Unselect	Detail
Insert the Full address of applicant on application form		Select	Unselect	Detail
Insert the full legal stat. of applicant on application form		Select	Unselect	Detail
Lodge Priority Documentation		Select	Unselect	Detail
Lodge form of authorisation (Power of Attorney)		Select	Unselect	Detail
Lodge representations of the mark		Select	Unselect	Detail
Other		Select	Unselect	Detail
Please date the application		Select	Unselect	Detail

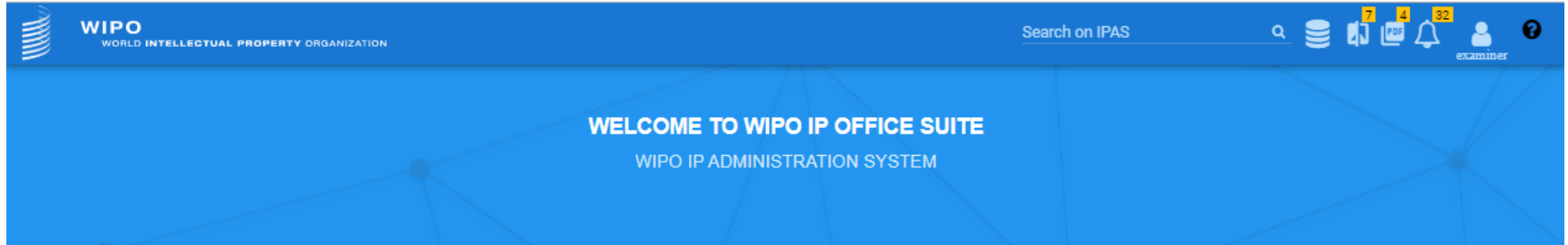
# IPAS Onsite Deployment





*IPAS 4 – Cloud Hosted*

# IPAS 4 – Cloud Version



Pending Tasks  
Pending Requests  
Physical Deliveries



Register View  
Stakeholders



New Reception  
Pending Reception  
Dashboard  
Non Working Days



Pending Publication  
Notifications



Pending capture  
Doc capture



Annuities  
Renewals  
Performance  
Statistics

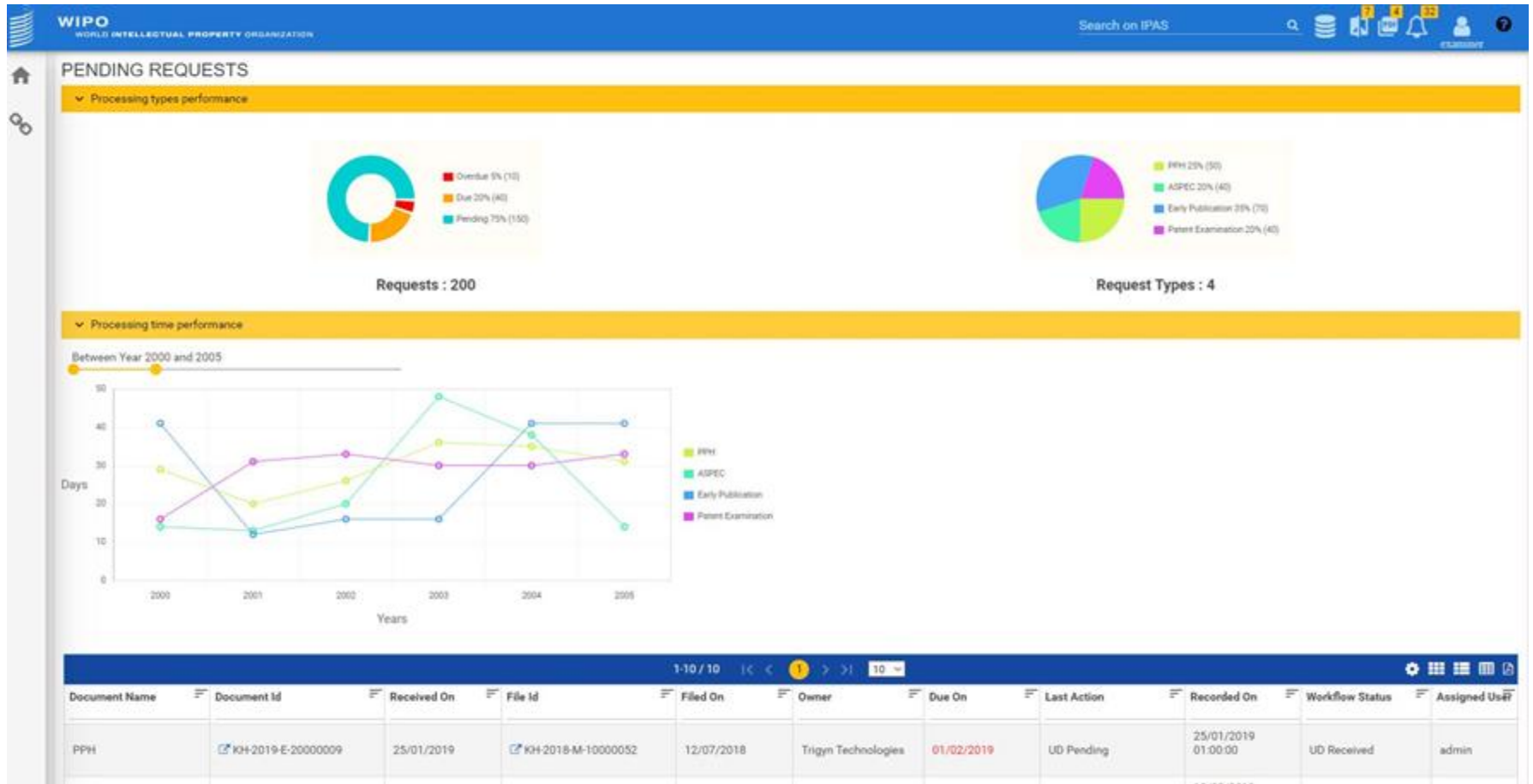


System Configuration  
Fee Configuration  
User Management  
Mailmerge Configuration



Health Check  
Job Scheduler  
logs

# Productivity Statistics



# Lesotho – IPAS 4 (Cloud) Implementation

ls.ipas-acc.ipobs.acc.web1.wipo.int/ipas/dossier/search






WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search on IPAS

Collection:  Trademarks  Patents  Designs

Search

100 per page. 1-100/23968 1 of 240 page(s) Filing Date

Filing #	Filing Date	Mark Name	Reg. #	Nice Classes	LOGO	File Status	Due Date
<a href="#">LS-M-2023-70</a>	2023-05-02	3X		29	3X	Awaiting Opposition [008]	
<a href="#">LS-M-2023-71</a>	2023-05-02			3		Awaiting Opposition [008]	
<a href="#">LS-M-2023-69</a>	2023-05-02	1-4-5 Club		39		Awaiting Opposition [008]	
<a href="#">LS-M-2023-68</a>	2023-05-02	Super Iced tea	M-2023-68	30		Registered [009]	
<a href="#">LS-M-2023-65</a>	2023-04-27					Formalities Exam [001]	
<a href="#">LS-M-2023-66</a>	2023-04-27	Iced Tea		30, 32		Formalities Exam [001]	

# Lesotho – IPAS 4 (Cloud) Implementation

ls.ipas-acc.ipobs.acc.web1.wipo.int/ipas/dossier?fileId=LS-M-2023-71

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search on IPAS

parvin

File LS-M-2023-71

**File History**


Filter by: All

Description	Date	Action By	Notes	Action
Mark	2023-11-20 00:00:00	parvin	Validated	
Formalities Ok	2023-11-20 07:21:14	parvin	Search Report	
> Form C1 - Filing Receipt [LS-:			Registered	
Record Search Results	2023-11-20 07:21:34	parvin	Substantive Ex	
> Search Report [LS-2023-137]			Registered	
Absolute Acceptance	2023-11-20 07:21:50 2023-11-20 Journal Nov 202	parvin	To BePublishe	
> Absolute Acceptance [LS-20:			Registered	
Publish Journal	2023-11-20 08:08:05	LSIPAS	Awaiting Oppc	

ADD FILE ACTION

**Bibliographic Data**

540 Logo



Color

Mark Name  
[]

Mark Feature  
Figurative

Transliteration

Colour Description

Disclaimer

100 Registration Number & Date

Entitlement Date

Renewal Start Date

Expiration Date

# IPAS Files / Docs Pending Capture

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search on IPAS

7 4 32

examiner

## PENDING CAPTURE TASK

▼ Data Capture Productivity

1999 - 2005

No data available

1-10 / 214 | 1 2 3 4 5 6 7 8 9 10 | 10 ▼

File Category	Filing Type	File ID	Document ID	Reception Date	Data Capture	Action	Document Capture
<input checked="" type="checkbox"/> New Trademark	Madrid Mark	KH-1-M-30000020	M-1-E-30000020	2012-08-01	Pending ⚠	<a href="#">🔗</a>	Pending ⚠
<input checked="" type="checkbox"/> UD	Madrid BIRTH transaction		M-1-E-3000002002	2012-07-30	Certified ✓		Pending ⚠
<input checked="" type="checkbox"/> New Trademark	Madrid Mark	KH-1-M-30000021	M-1-E-30000021	2014-08-01	Pending ⚠	<a href="#">🔗</a>	Pending ⚠
<input checked="" type="checkbox"/> UD	Madrid BIRTH transaction		M-1-E-3000002102	2014-07-30	Certified ✓		Pending ⚠
<input checked="" type="checkbox"/> New Trademark	Madrid Mark	KH-1-M-30000022	M-1-E-30000022	2014-08-01	Pending ⚠	<a href="#">🔗</a>	Pending ⚠
<input checked="" type="checkbox"/> UD	Madrid BIRTH transaction		M-1-E-3000002202	2014-07-30	Certified ✓		Pending ⚠
<input checked="" type="checkbox"/> New Trademark	Madrid Mark	KH-1-M-30000023	M-1-E-30000023	2014-08-01	Pending ⚠	<a href="#">🔗</a>	Pending ⚠
<input checked="" type="checkbox"/> UD	Madrid BIRTH transaction		M-1-E-3000002302	2014-07-30	Certified ✓		Pending ⚠
<input checked="" type="checkbox"/> New Trademark	Madrid Mark	KH-1-M-30000024	M-1-E-30000024	2014-08-01	Pending ⚠	<a href="#">🔗</a>	Pending ⚠
<input checked="" type="checkbox"/> UD	Madrid BIRTH transaction		M-1-E-3000002402	2014-07-30	Certified ✓		Pending ⚠

1-10 / 214 | 1 2 3 4 5 6 7 8 9 10 | 10 ▼

# IPAS 4 Automated Search

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION Search on IPAS demo tester

File J2-1-T-18980

### File History

Description	Date	Action By	Notes	Action
Trademarks	1980-08-16 00:00:00	JOIPASTM	Validated	
File application	1980-08-16 00:00:00	JOIPASTM		
To initial acceptance	1980-08-16 00:00:00	JOIPASTM		
To publication of the acceptance	1984-04-10 00:00:00	JOIPASTM		
To Final registration	1984-11-26 00:00:00	JOIPASTM	TM Registered	
To cancellation for non-renewal	1987-08-19 00:00:00	JOIPASTM	Cancellation for non-renewal	

ADD FILE ACTION

### Bibliographic Data

F G T R D F C S

- 740 Name and address of the representative  
93014  
حليم سايبا  
عمان
- 531 Mark Vienna
- 731 Name and address of the applicant  
63516  
بيتشام غروب ليميتد  
ميدلسيكس انجلترا
- 300 Priority Application
- 511 The International Classification of Goods and Services (NCL Class)  
5 : المطهرات : [Accepted]
- 540 Mark Name (Mark Feature)  
[WRD]  
Colour Description  
Disclaimer
- 100 Registration Number & Date  
711 10000 (1000 00 10)  
Entitlement Date  
1000 00 10

Actions menu:

- Edit
- Record Actions
- Edit File Biblio
- View
  - View ChangeLog
  - Delivery History
  - Payment History
  - Assignment History
  - Bibliographic Data
  - Business Checklist
  - Manual Search
  - Search Strategy
  - Cited Files
  - Similarity Search
  - RelatedFiles

# IPAS 4 Automated Search Results

WIPO  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Search on IPAS

File: J2-1-T-18980

Similarity Search

Score 100

Mark Name in Other language: LETHANA

Filing #	Filing Date	Mark Name	Logo	Vienna Classes
J2-1-T-31446	1992-08-16		LETHANA	
J2-1-T-33907	2004-03-14	[LETHANA]		
J2-1-T-74754	2004-03-14	[LETHANA]	LETHANA	
J2-1-T-22624	1984-05-02	[LODINE]		

# IPAS 4 Customizable Search Results

The screenshot displays the WIPO IPAS search interface. At the top, the WIPO logo and 'WORLD INTELLECTUAL PROPERTY ORGANIZATION' are visible on the left, and 'Search on IPAS' is on the right. The main content area shows a search for 'LETHANA' with 'Nice Classes: 5'. A sidebar on the left, enclosed in a red box, lists various filters under the heading 'Files'. The filters include:

- Application Sub type (1) | 14
- TM (1) | 14
- Trademarks (TM) (14)
- Mark Feature (2) | 14
  - Combined (1)
  - Word (13)
- File Status (5) | 14
  - 079 (2)
  - 1826 (2)
  - 1866 (7)
  - 3693 (2)
  - 3913 (1)
- Dates
  - Filing Date (12) | 14
    - 1956 (1)
    - 1984 (1)

The main search results area displays a grid of 14 search results, each with a WIPO logo, a file number, and a name. The central result is 'JQ-1-T-74754 LETHANA'. Other results include 'JQ-1-T-31446', 'JQ-1-T-37907', 'JQ-1-T-22624', 'JQ-1-T-32107', 'JQ-1-T-3949', 'JQ-1-T-37400', 'JQ-1-T-7023', 'JQ-1-T-30086', 'JQ-1-T-32032', 'JQ-1-T-146326', 'JQ-1-T-37976', 'JQ-1-T-37970', and 'JQ-1-T-43204'.

# IPAS 4 New Application View

The screenshot displays the IPAS 4 New Application View interface. At the top, the WIPO logo and 'WORLD INTELLECTUAL PROPERTY ORGANIZATION' are visible on the left, and a search bar with 'Search on IPAS' is on the right. The user is logged in as 'examiner'. The application ID 'KH-T-M-30000030' is shown at the top left of the main content area.

The main content area is titled 'Edit File Biblio' and includes a 'Show all' button. Below this, there are several filterable categories represented by blue dots:

- Filing Details (selected)
- Owners
- Related Files
- Mark Details
- Representatives
- User Defined Fields
- Vienna Classification
- Priority
- Nice Classification
- Publication Details

The 'Filing Details' section is expanded, showing the following information:

Receiving Office M	Reception Date Fri Aug 01 00:00:00 CEST 2014
External Receiving Office	External Reception Date
Application Type Madrid Mark	Application SubType Madrid Mark
Filing Date Wed Jul 30 00:00:00 CEST 2014	Registration Number
Date of grant	International Registration Number 30000030
Notes	
Expiration Date	
Entitlement Date	

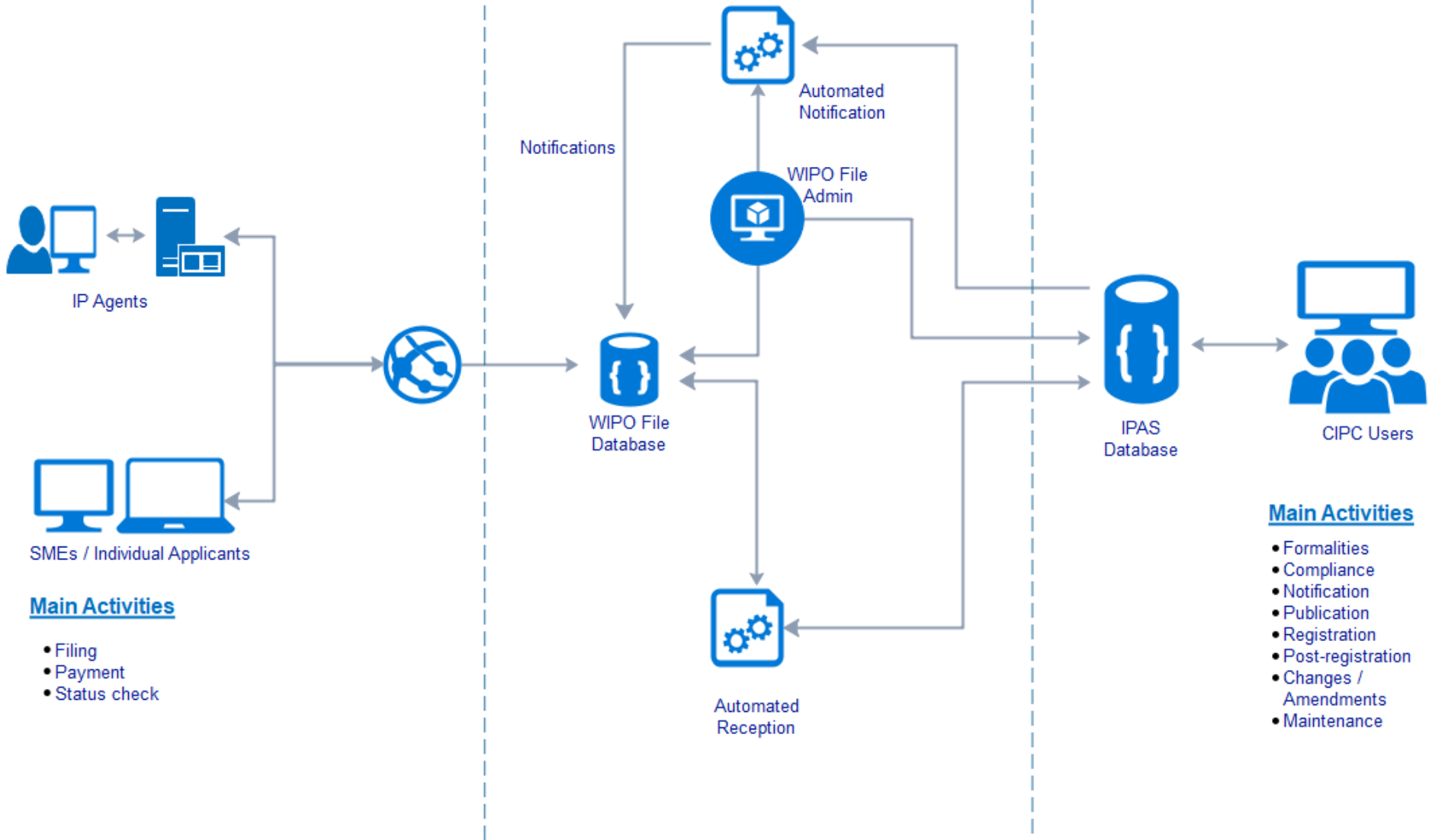
A 'Save' button is located at the bottom left of the form.

# IP Front Office Transformation

Applicants / Clients

WIPO Suite Online Portal

Back Office / IPAS



**Main Activities**

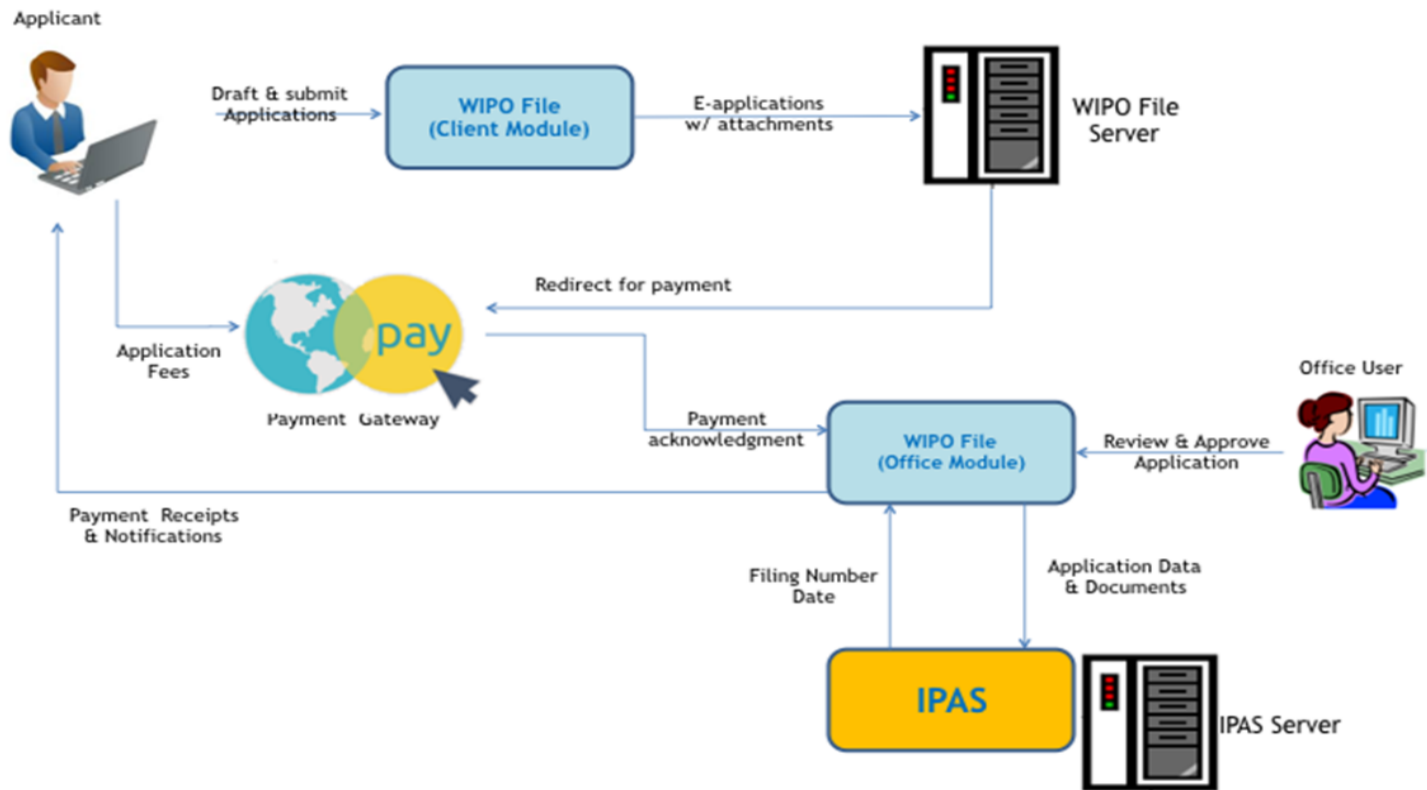
- Filing
- Payment
- Status check

**Main Activities**

- Formalities
- Compliance
- Notification
- Publication
- Registration
- Post-registration
- Changes / Amendments
- Maintenance

# WIPO File

- Online filing by local agents of industrial design, patent and trademark applications and subsequent requests



# Online Filing Services for Local Agents

- Drafting and submission of new application of industrial designs, patents and trademarks, with required supporting documents
- Post-filing requests including renewal, payment of annuities, change of owner, change of representatives, amended claims, description, etc.
- Viewing, filtering, management of e-filing requests in portfolios and workbench
- Possibility to receive online Office correspondences in response to e-filing requests.

# Fee Calculation and Offline Payment

- Submissions and follow-up (submitted, accepted/rejected, pending payment, ready for reception, received)

**Wipo File** Workbench AGENTUSER | About | Logout |

Workbench Submission > My Profile >

Filter +

<input type="checkbox"/>					WIPOFile Nbr	Ipas File Series/Nbr	Submission Date	Portfolio	Status	Summary
<input type="checkbox"/>	▶				WFP2014000008				Draft	title1
<input type="checkbox"/>	▶				WFP2014000007		22 Oct 2014 13:19:28		Ready for Reception	second title
<input type="checkbox"/>	▶				WFP2014000006				Draft	Invention
<input type="checkbox"/>	▶				WFP2014000005		22 Oct 2014 12:31:08		Ready for Reception	Invention
<input checked="" type="checkbox"/>	▶				WFP2014000002		22 Oct 2014 12:35:08		Submitted	This is a triple SIM card phone

Page 1 of 1 10 View 1 - 7 of 7

**Perform Action on Selected Application:**

Assign Portfolio: Select Portfolio ▼ Ok

# Namibia – WIPO File Implementation for Trademarks



WIPOFile Nbr: Status: New



Application Type \* Trade Mark

Sign type \* Name Only

Mark Name \* DELUXE BRANDS

Mark Transliteration

Mark Translation

Color Description

Disclaimer

Applicant Details + Add Applicant | Delete Selected

Edit	Name and Legal Nature	Address
<input type="checkbox"/>	TOLIMA INVESTMENTS CC T/A NAMIB FOUNTAIN, a Namibian Close Corporation	150 Circumferential Road Walvis Bay - Namibia

Page 1 of 1 25 View 1 - 1 of 1

Representative Details + Add Representative | Delete Selected

Edit	Name and Legal Nature	Address
<input type="checkbox"/>	Tolima Investments CC t/a Namib Fountain	P O Box 4438 Walvis Bay - Namibia


Page 1 of 1 25 View 1 - 1 of 1

Nice Details + New | Delete Selected




Nbr	Count	Description
5	1	Disinfectants for hygiene purposes

Page 1 of 1 25 View 1 - 1 of 1

# Kenya – WIPO File Implementation for Patents

 **WIPO File** | Patent Application AGENT2 | About | Logout | ?


WORKBENCH | SUBMISSION ▾ | MY PROFILE ▾ | NOTIFICATIONS

WIPOFile Nbr: Status: New   

Application Type \*

Primary Title \*


Primary Abstract

**B I U S**  $x_2$   $x^2$  Styles ▾ Format ▾  Source

The fuel injectors are the parts of the engine which are responsible for spraying fuel into the intake valves of the engine from where the mixture goes into the piston cylinders for the combustion. The ECU (engine control unit) determines the amount of fuel which is pushed into the fuel injector. Over time, fuel injectors slowly get clogged by the wax-like residue

Number of Claims \*

Page Count



 Activate Windows

# Kenya – WIPO File Implementation for Patents

Notes

Main Drawing  No file chosen   Delete Selected

**Applicant/Inventor Details \***

<input type="checkbox"/>	Edit	Name	Address	Applicant	Inventor
<input type="checkbox"/>		Jermiah Nyaga	KIPI Centre, 17 Kabarsiran, Westlands Nairobi 00200 Kenya	✓	
<input type="checkbox"/>		Jerimahn yaga	KIPI Centre, 17 Kabarsiran, Westlands Nairobi 00200 Kenya		✓





Page 1 of 1 25 View 1 - 2 of 2

**Representative Details \***

<input type="checkbox"/>	Edit	Name	Address
<input type="checkbox"/>		AGENT2	KIPI Centre, 17 Kabarsiran, Westlands Nairobi 00200

Page 1 of 1 25

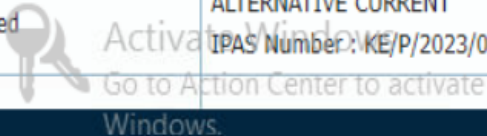
**Priority Details**

<input type="checkbox"/>	Edit	Office Code	Priority Application Nbr	Priority File	User Document Type	Notes
No records						
<input type="checkbox"/>					Patent Specification	
<input type="checkbox"/>					IP03 Request for patent	

Page 0 of 0 25

# Kenya – WIPO File with Online Payment Integration

WORKBENCH SUBMISSION MY PROFILE NOTIFICATIONS										Language EN	
Filter +											
					WIPOFile Nbr	Date	Submission Type	Status	Summary		
<input type="checkbox"/>					WFP2023000081	2023-11-09 02:12:57	National Patent	Received	Making ngano IPAS Number : KE/P/2023/0046!		
<input type="checkbox"/>					WFD2023000079	2023-11-09 00:11:43	National Design	Pending Payment	bOTTLE		
<input type="checkbox"/>					WFP2023000078	2023-11-09 00:07:30	National Utility Model	Pending Payment	Equipment for Solenoid Injectors		
<input type="checkbox"/>					WFP2023000077	2023-11-09 00:03:34	National Patent	Pending Payment	Solenoid Injectors		
<input type="checkbox"/>					WFD2023000075	2023-11-07 01:26:03	National Design	Received	AUTOMOBILE CABIN BODY IPAS Number : KE/D/2023/0027.		
<input type="checkbox"/>					WFP2023000074	2023-11-07 01:02:20	PCT Patent	Received	ELECTRIC COOKING APPLIANCE WITH ADAPTIVE POWER IPAS Number : KE/P/2023/0046!		
<input type="checkbox"/>					WFP2023000072	2023-11-07 00:33:54	National Utility Model	Received	Mosquito Tunneling Trap IPAS Number : KE/U/2023/0022.		
<input type="checkbox"/>					WFP2023000071	2023-11-07 00:15:22	National Patent	Received	ALTERNATIVE CURRENT IPAS Number : KE/P/2023/0046!		



# Kenya – WIPO File with Online Payment Integration

AGENT2, 254720207651

PAYMENT REF	TOTAL BILL
<b>GVDWPZ</b>	<b>KES 1.00</b>

Select Payment Mode

Pesaflow Direct

Debit/Credit/Prepaid Card

Mpesa

# Kenya – WIPO File with Online Payment Integration

Pay Using Pesaflow Account KES 1

---

Mobile Number

PIN

Customer    Pesaflow Agent

---

# Digital Transformation Considerations

## 1. Legal Framework

*Electronic transactions law, electronic payment, signature, IP regulations...*

## 2. Payment and Reception Model

*Online data capture, or legally valid filings? Service for registered agents, or for any user?*

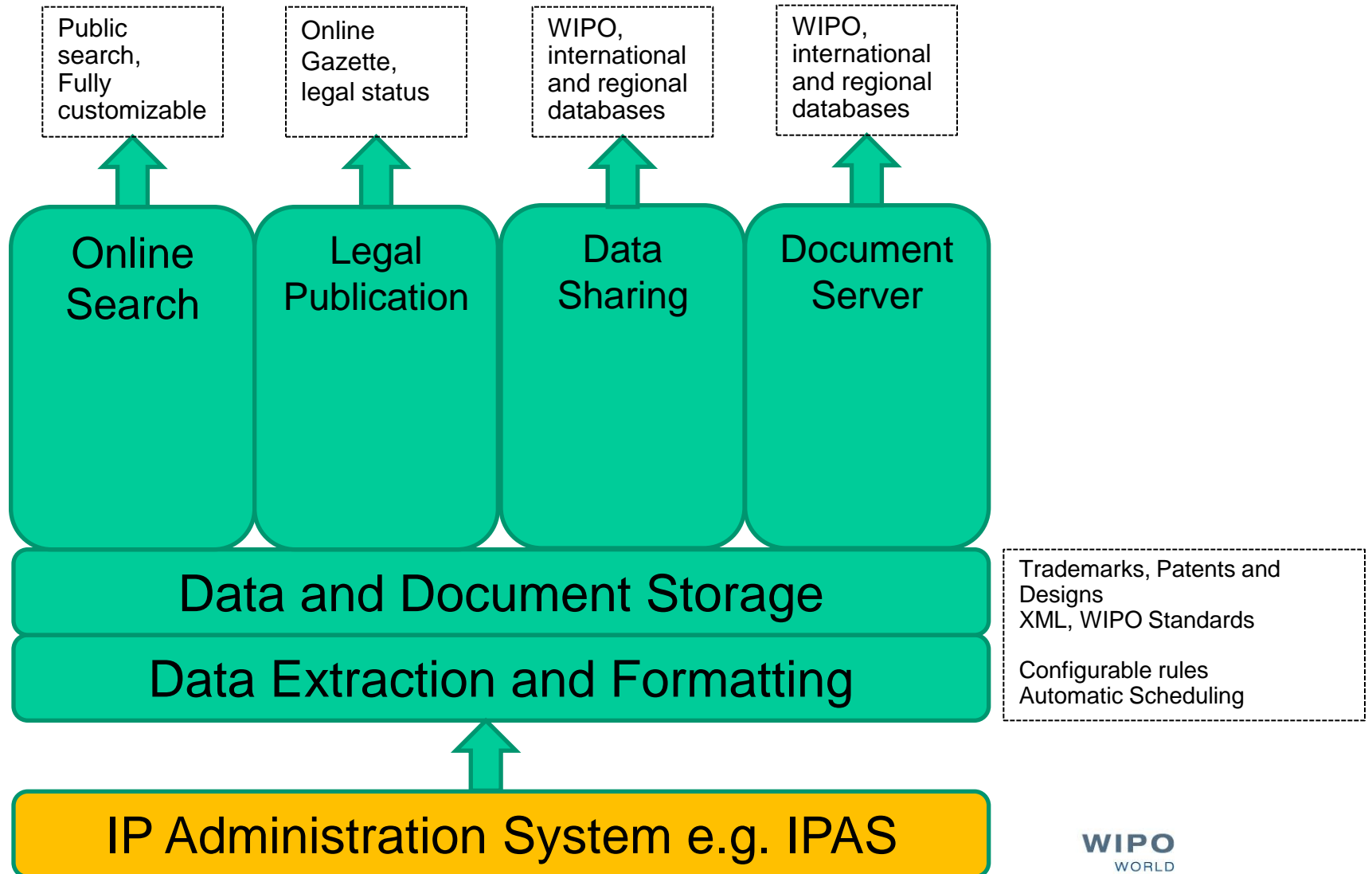
## 3. Office pre-requisites

*Secure web site, robust infrastructure, support staff, ...*

## 4. Deployment and Testing

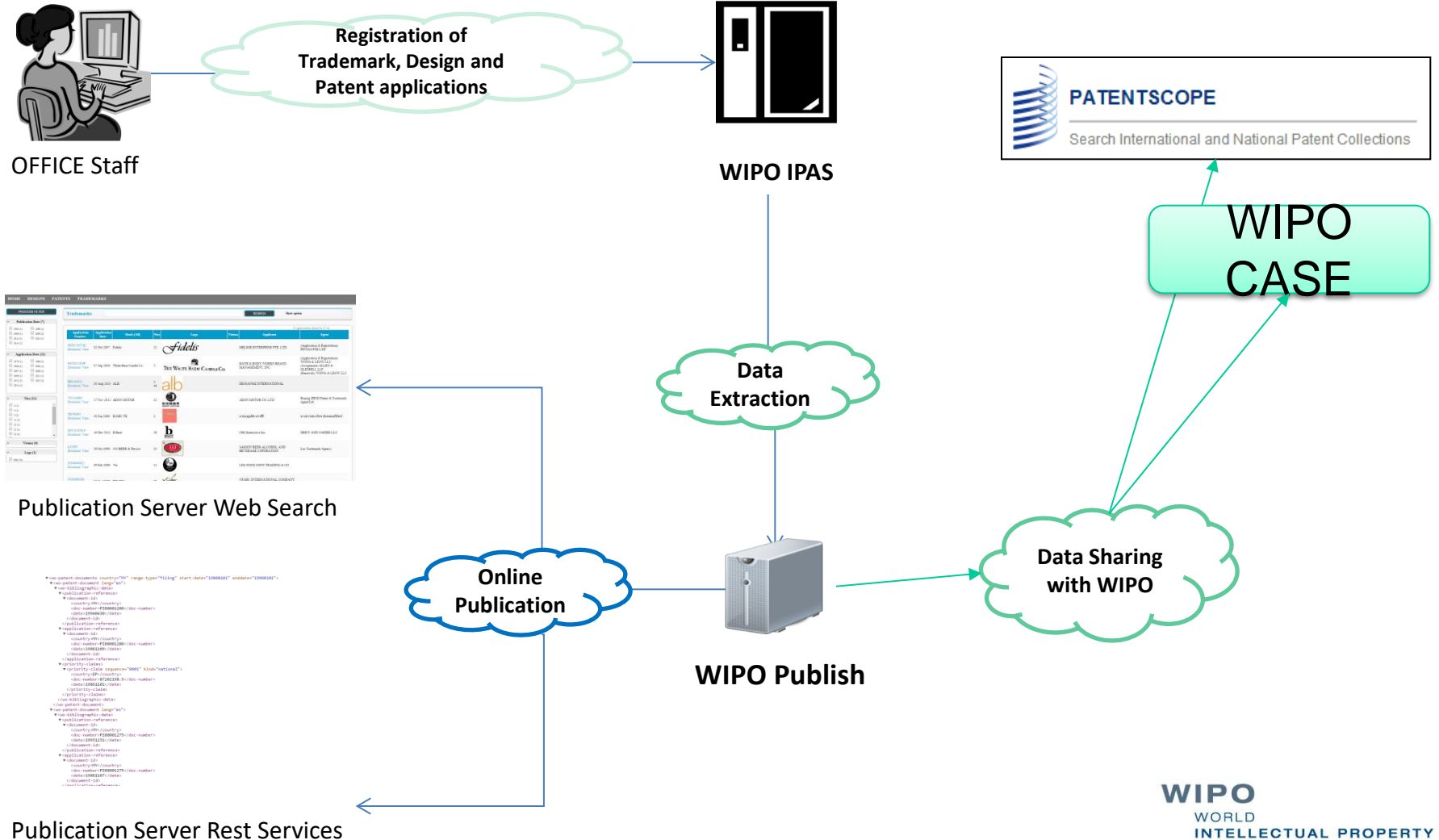
*Customize system, fee calculation, payment integration, register users, outreach events, testing, ...*

# Online Search and Publication Transformation



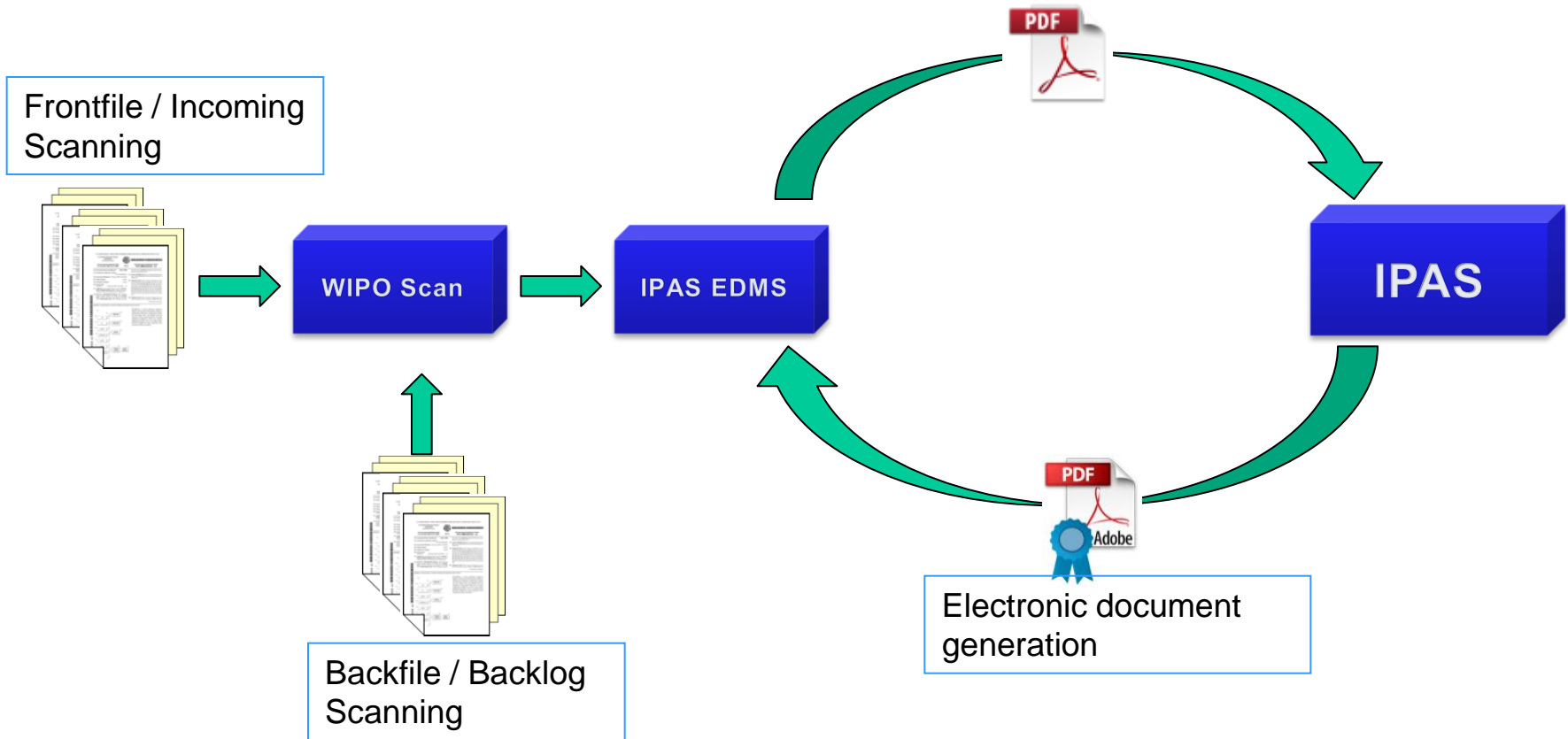
# WIPO Publish

enabling offices to make IP data available nationally and internationally

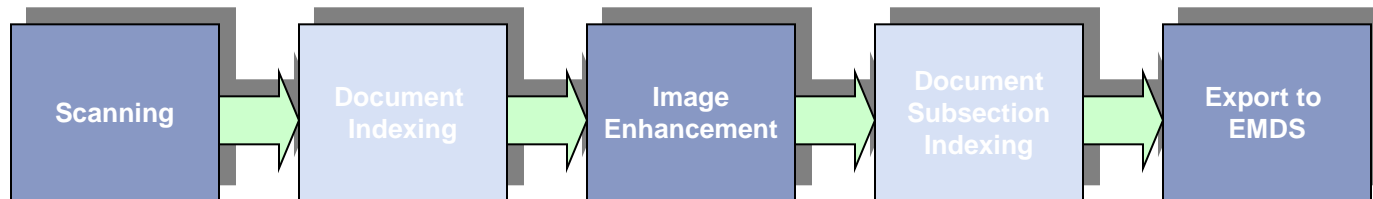


# WIPO Scan, WIPO Publish EDMS and IPAS

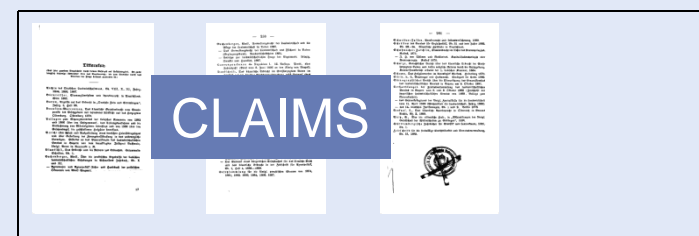
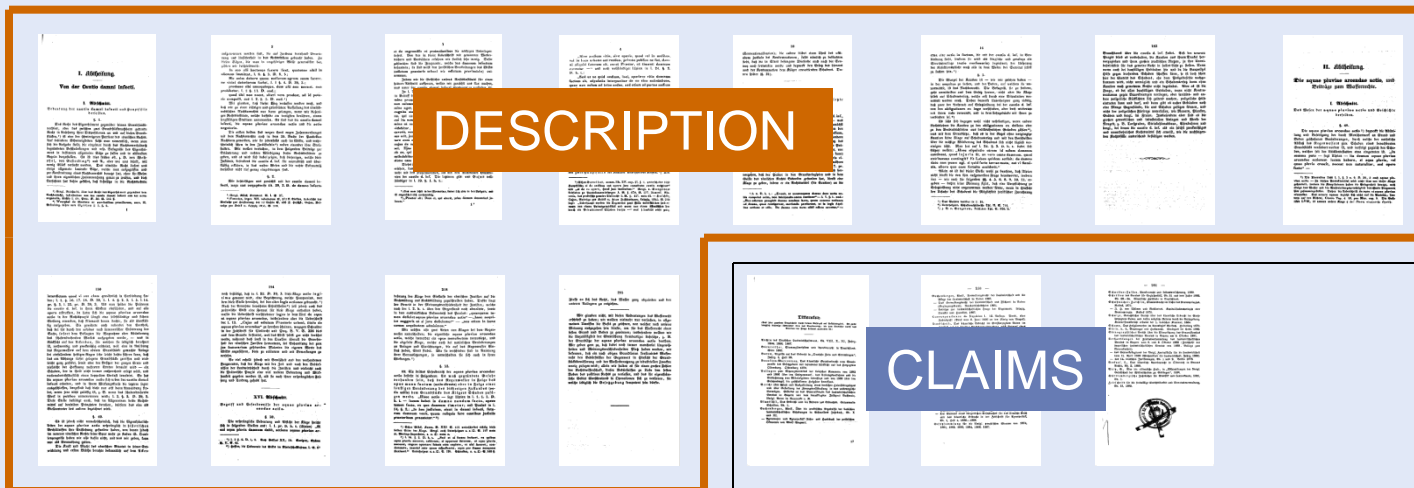
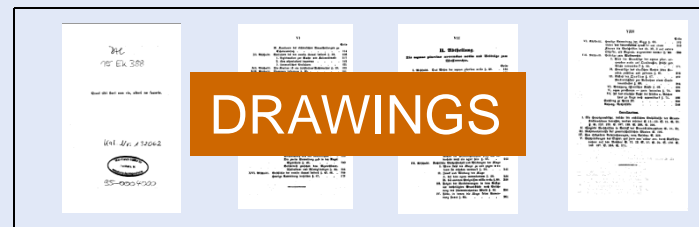
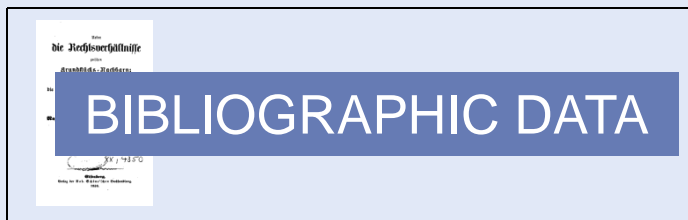
Fully Paperless Processing



# WIPOScan Basic Workflow



# WIPOScan – Document Section Indexing e.g. Patent Document



# Fully customizable and configurable

HOME DESIGNS PATENTS TRADEMARKS

PROCESS FILTER

Patents

Showing 1 To 15 Of 130648 <<< 1 2 3 4 5 6 7 8 9 10 >>>

Application Number	Filing Date	Title (All)	IPC	Inventor	Applica
<a href="#">PI99002952</a> <a href="#">Download</a> <a href="#">View</a>	14 Jul 1999	COPYRIGHT MANAGEMENT APPARATUS, COPYRIGHTED-WORK DISTRIBUTION APPARATUS, AND COPYRIGHTED-WORK DISTRIBUTION AND RECEIVING SYSTEM			
<a href="#">PI88001280</a> <a href="#">Download</a> <a href="#">View</a>	09 Nov 1988	A METHOD FOR THE FORMING AND THE DEPOSITION IN A SELECTED PLACE OF A BULK	E02B 3/12 B63B 35/30		
<a href="#">PI88001275</a> <a href="#">Download</a> <a href="#">View</a>	07 Nov 1988	ANTIBACTERIAL 9-DEOXY-9A-ALLYL AND PROPARGYL-9A-AZA-9A-HOMOERYTHROMYCIN A DERIVATIVES.	A61K 31/70 C07H 17/08		
<a href="#">PI99002945</a> <a href="#">Download</a> <a href="#">View</a>	13 Jul 1999	SYSTEM FOR DERIVING A DECODED REDUCED-RESOLUTION VIDEO SIGNAL FROM A CODED HIGH-DEFINITION VIDEO SIGNAL	H04N 7/50 G06F 17/14 G06T 9/00, 3/40		
<a href="#">PI99002946</a> <a href="#">Download</a> <a href="#">View</a>	13 Jul 1999	PELLETS HAVING A CORE COATED WITH AN ANTIFUNGAL AND A POLYMER	A61K 9/50		
<a href="#">PI88001277</a> <a href="#">Download</a> <a href="#">View</a>	07 Nov 1988	PROCESS FOR PREPARING STABILIZED OLEFIN POLYMERS	C08F 4/52		
<a href="#">PI99002947</a> <a href="#">Download</a> <a href="#">View</a>	13 Jul 1999	ESTER SYNTEHSIS	C07C 67/04, 69/14 C07D 213/64		

**Publication Date (32)**  
 1970 (2)  1972 (3)  
 1988 (7)  1989 (131)  
 1990 (516)  1991 (1041)  
 1992 (1133)  1993 (1282)  
 1994 (1616)  1995 (1747)  
 1996 (1799)  1997 (783)  
 1998 (566)  1999 (718)

**Application Date (42)**  
 1970 (14)  1971 (1)  
 1978 (1)  1986 (263)  
 1987 (3272)  1988 (1609)  
 1989 (1889)  1990 (2296)  
 1991 (2442)  1992 (2423)  
 1993 (2913)  1994 (3619)  
 1995 (4198)  1996 (5624)

**IPC (100)**  
 C08L 79/04 (1)

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ARIPO Regional IP Database

[Designs](#) [Patents](#) **[Trademarks](#)**

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Q

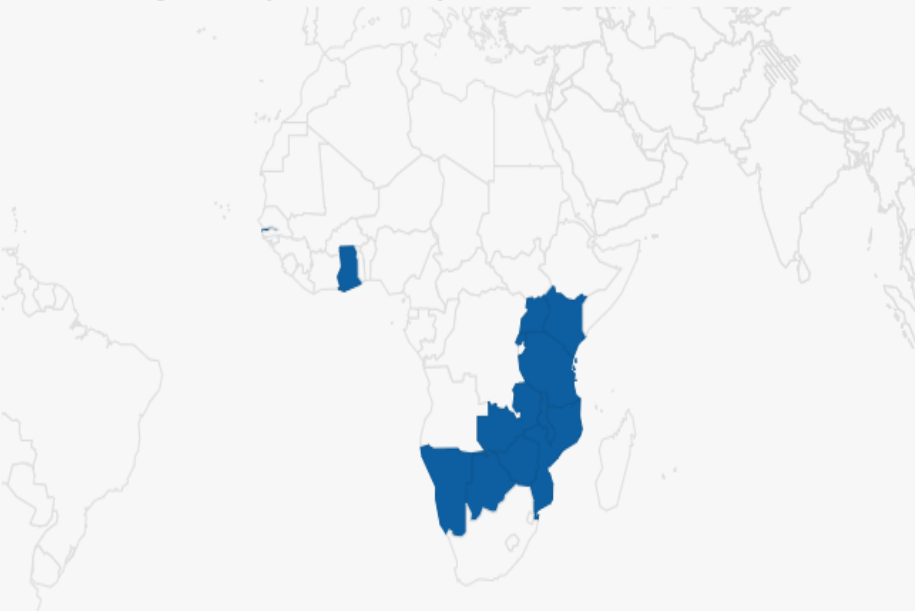
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## INTELLECTUAL PROPERTY ORGANIZATION SEARCH SYSTEM

All you need to know about patents, trademarks and designs in your region

### TRADEMARKS FILING BY COUNTRY

You can click a region on the map or table to visualize specific information



Flag	Country	Total	Pub. date range
	<a href="#">ARIPO</a>	2160	2015.02.28 - 2016.05.31
	<a href="#">Botswana</a>	32581	2004.05.15 - 2016.07.04
	<a href="#">Gambia</a>	7850	2008.12.31 - 2016.08.10
	<a href="#">Ghana</a>	27501	2006.05.22 - 2016.05.30
	<a href="#">Kenya</a>	74940	1877.07.08 - 2016.04.30
	<a href="#">Malawi</a>	23124	2008.06.30 - 2013.06.28
	<a href="#">Mozambique</a>	36728	2001.02.15 - 2012.06.15
	<a href="#">Namibia</a>	54180	1880.10.09 - 2013.11.29

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**Search Term**

coca cola

Search

String

▶ Vienna Classes:coca cola

▶ Nice Classes:coca cola

Date

▶ Reg. Date:coca cola

▶ Pub. Date:coca cola

▶ Expiration Date:coca cola

▶ Filing Date:coca cola

Default

▶ Mark Description:coca cola

▶ Nice Class Description:coca cola

▶ Applicant:coca cola

▶ Representative Name:coca cola

▶ All fields:coca cola

▶ Solr Query:coca cola

AlphaNumeric

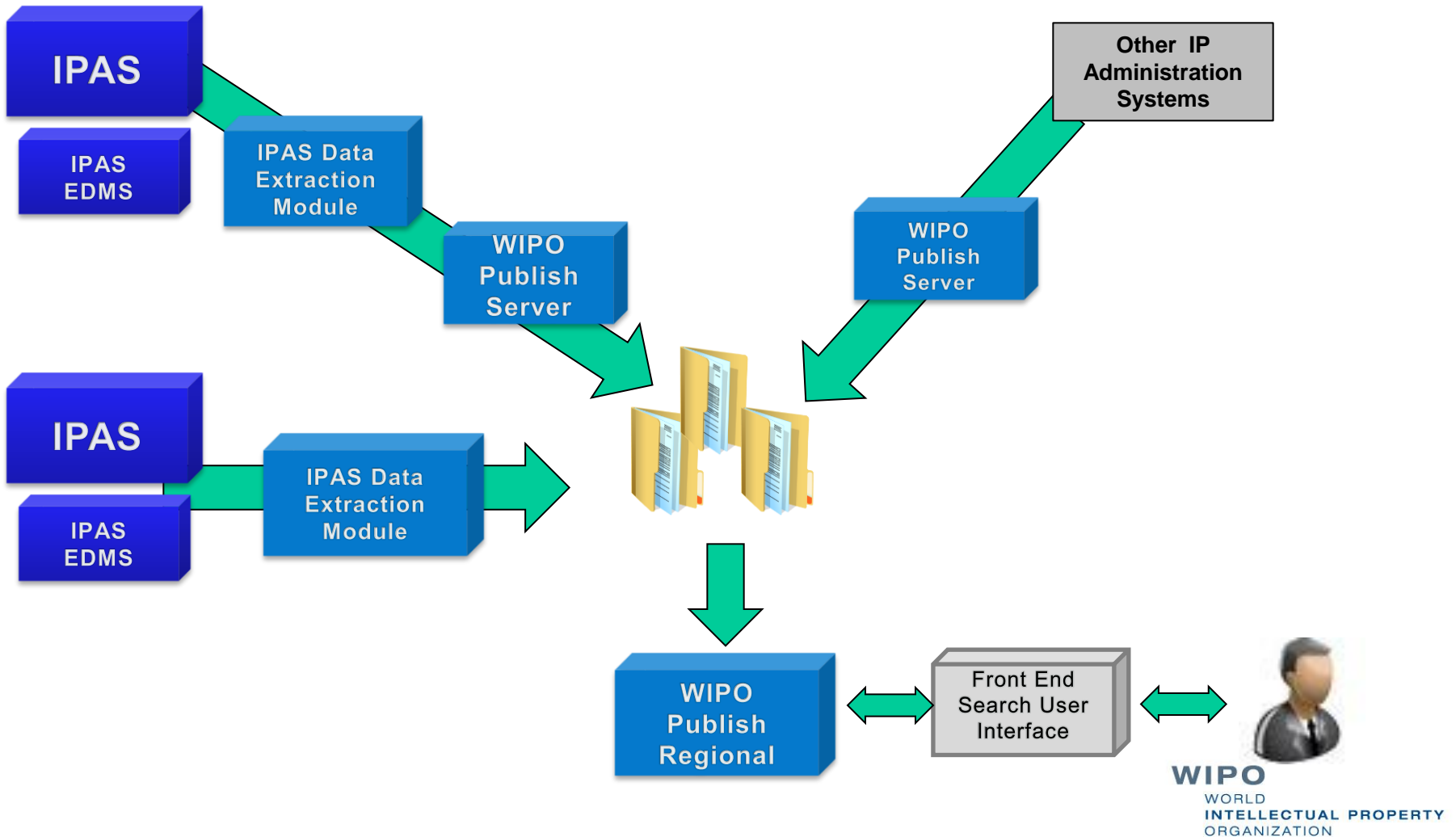
▶ Reg. #:coca cola

▶ Filing #:coca cola

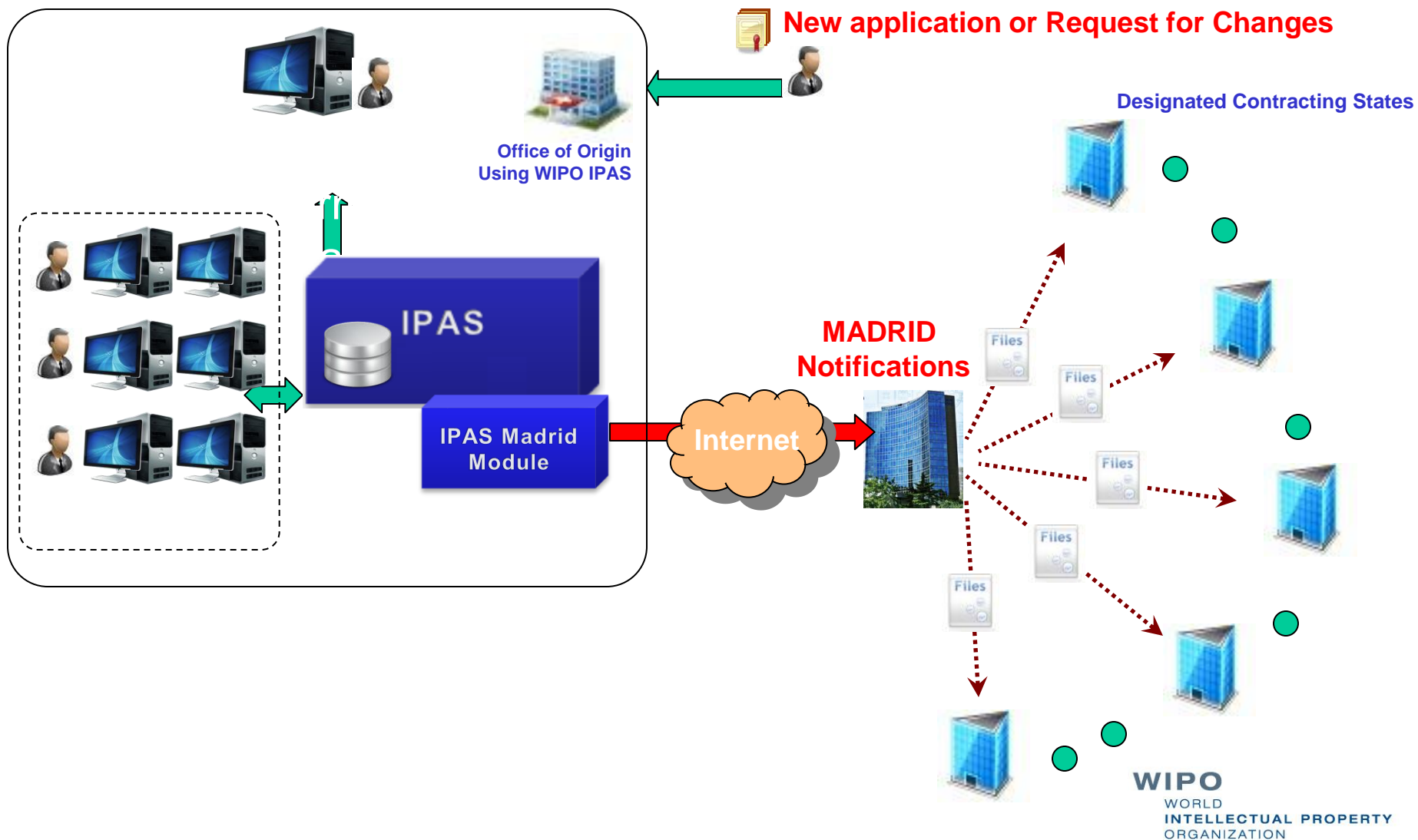
## SEARCH SYSTEM

Flag	Country	Total	Pub. date range
	ARIPO	2160	2015.02.28 - 2016.05.31
	Botswana	32581	2004.05.15 - 2016.07.04
	Gambia	7850	2008.12.31 - 2016.08.10
	Ghana	27501	2006.05.22 - 2016.05.30
	Kenya	74940	1877.07.08 - 2016.04.30
	Malawi	23124	2008.06.30 - 2013.06.28
	Mozambique	36728	2001.02.15 - 2012.06.15
	Namibia	54180	1880.10.09 - 2013.11.29

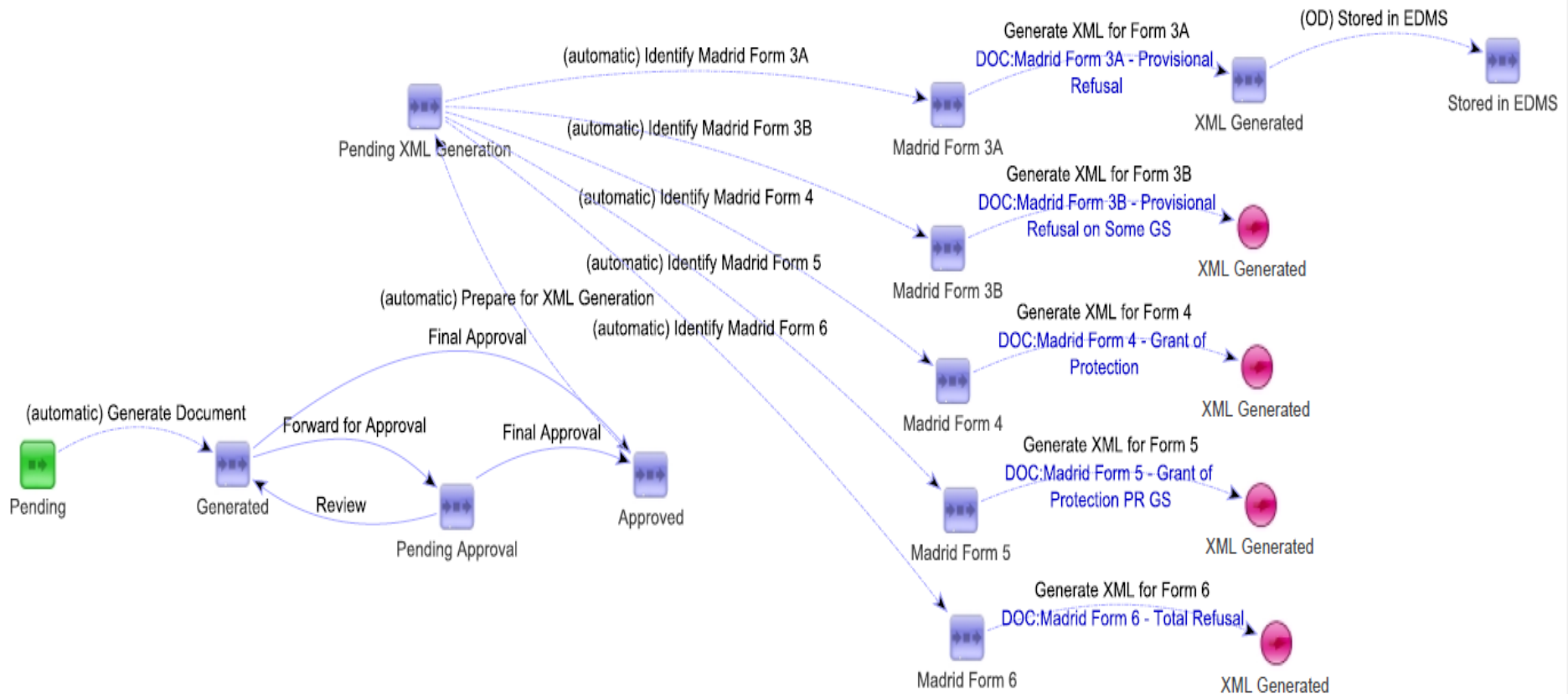
# WIPO Publish Regional Configuration



# Data Exchange Modules - Madrid

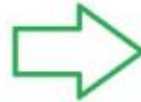
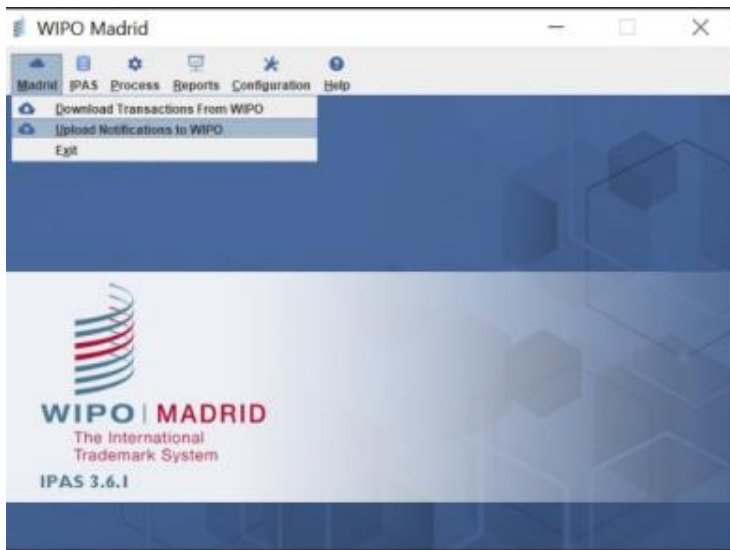


# Madrid Workflow for Office Notifications



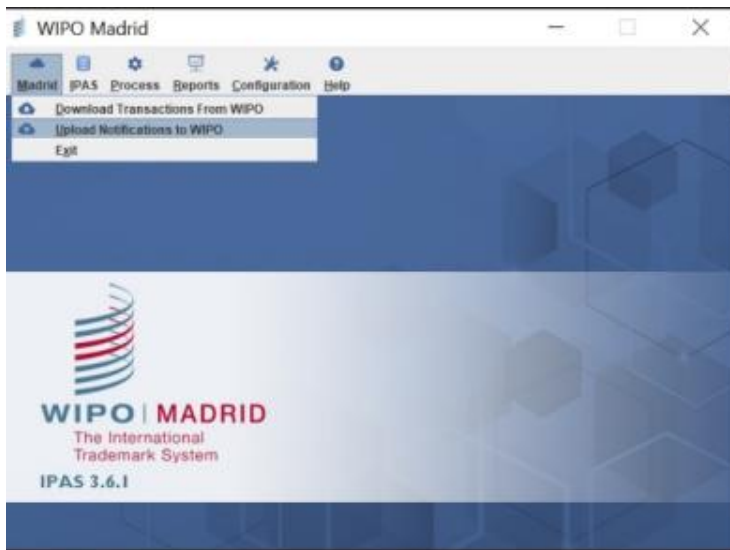
# Madrid Outgoing Notifications to the International Bureau of WIPO

**Upload decisions to IB:** From IPAS version 3.6.1, it is possible to automate the transmittal of decisions from the designated office (DO) to the International Bureau (IB)



# Madrid Outgoing Notifications to the International Bureau of WIPO

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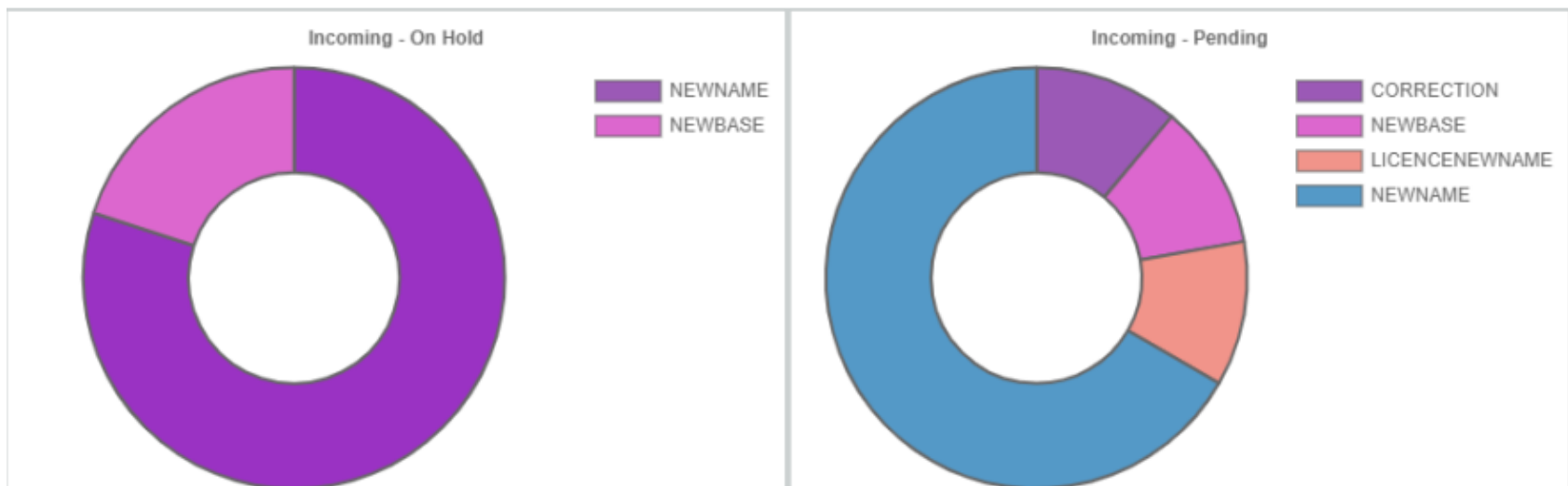


# IPAS Madrid Dashboard

**Madrid incoming dashboard** : User can view the data related to Madrid incoming in form of charts. Two kinds of charts could be shown – one is incoming transactions chart for on hold transactions and the other is for pending transactions. These doughnut charts display bifurcation based on the transaction type of the transaction

# IPAS Madrid – Madrid Incoming Dashboard


## Madrid dashboard






# IPAS Madrid Incoming Dashboard


- Dashboard displays incoming data in grid format. User can filter the records on the dashboard using Set Filter link. Data on the screen can be exported in an excel using the Export Excel link on the top. The error message shown in the grid as Tooltip will be exported as error message column

# IPAS Madrid: Incoming Dashboard


**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

 Search on IPAS 




32

 examiner

**Search**

---

Notifications :

All

Not Imported

Correction Required

Date range by :

Gazette

Notification

Import

From Date :

01/10/2018

To Date :

13/08/2019

IRN / File Id :

Search
Clear

## MADRID DASHBOARD

Incoming    Outgoing

**!** Error! Last incoming batch process that ran on 13/08/2019 could not download 8 of 8 notifications.

Last Downloaded Week/Date :13/08/2019 Next Download Date :14/08/2019

IRN	Gazette	File Id	Notification	Notified On	Imported On	Import Status	Correction Required	Corrected On
<a href="#">10000001</a>	08/2017	KH-1-M-10000001	NEWNAME-MTN	25/06/2017	07/08/2019	Partially Processed <span style="font-size: small;">i</span>	<input checked="" type="checkbox"/>	
<a href="#">10000001</a>	07/2017	KH-1-M-10000001	BIRTH-ENN	05/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000002</a>	08/2017	KH-1-M-10000002	NEWNAME-TRN	25/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000002</a>	07/2017	KH-1-M-10000002	BIRTH-ENN	05/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000003</a>	08/2017	KH-1-M-10000003	NEWNAME-MAN	25/06/2017	07/08/2019	Partially Processed <span style="font-size: small;">i</span>	<input checked="" type="checkbox"/>	
<a href="#">10000003</a>	07/2017	KH-1-M-10000003	BIRTH-ENN	05/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000004</a>	08/2017	KH-1-M-10000004	NEWNAME-LIN	25/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000004</a>	07/2017	KH-1-M-10000004	BIRTH-ENN	05/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000005</a>	07/2017	KH-1-M-10000005	BIRTH-ENN	05/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	
<a href="#">10000005</a>	08/2017	KH-1-M-10000005	NEWNAME-PCN	25/06/2017	07/08/2019	Fully Processed	<input type="checkbox"/>	

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# IPAS Madrid: Madrid Outgoing Dashboard

**IPAS - Industrial Property Administration System**
User : IPAS361MZ

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**View madrid dashboard outgoing**

Search criteria: Notification-> Overdue

47 items found, displaying 1 to 15.

⏪
1, 2, 3, 4
⏩

Selected	Irn	File Id	Over Due	Due Date	Sent On	Received On	Decision	Current File Status	Responsible User	Last Action	Last Action On
<input type="checkbox"/>	0428018	MD/D/0001/428018	-35w	08/02/2019		08/02/2018	Model Form 3b				
<input type="checkbox"/>	9901	MD/D/0001/009901	-216w	25/08/2015		25/08/2014	Model Form 3b				
<input type="checkbox"/>	1387802	MD/D/0001/1387802	-35w	08/02/2019		08/02/2018					
<input type="checkbox"/>	1387942	MD/D/0001/1387942	-35w	08/02/2019		08/02/2018	Model Form 8				
<input type="checkbox"/>	1387999	MD/D/0001/1387999	-35w	08/02/2019		08/02/2018	Model Form 8				
<input type="checkbox"/>	1388029	MD/D/0001/1388029	-35w	08/02/2019		08/02/2018	Model Form 8				
<input type="checkbox"/>	1388031	MD/D/0001/1388031	-35w	08/02/2019		08/02/2018	Model Form 8				
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<input type="checkbox"/>	1387560	MD/D/0001/1387560	-35w	08/02/2019		08/02/2018	Model Form 3b				
<input type="checkbox"/>	1387561	MD/D/0001/1387561	-35w	08/02/2019		08/02/2018	Model Form 3b				
<input type="checkbox"/>	1387564	MD/D/0001/1387564	3w	08/11/2019		08/02/2018	Model Form 3b				
<input type="checkbox"/>	1387565	MD/D/0001/1387565	-35w	08/02/2019		08/02/2018	Model Form 3b				

47 items found, displaying 1 to 15.

⏪
1, 2, 3, 4
⏩

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# IPAS Madrid: Support for Irregularity notification

IPAS - Industrial Property Administration System User : IPAS361M2

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View madrid dashboard incoming

Search criteria: Notification-> All, Import Date From>=01/11/2019, Import Date To<=27/11/2019

50 Items found, displaying 1 to 15.

◀ 1, 2, 3, 4 ▶▶

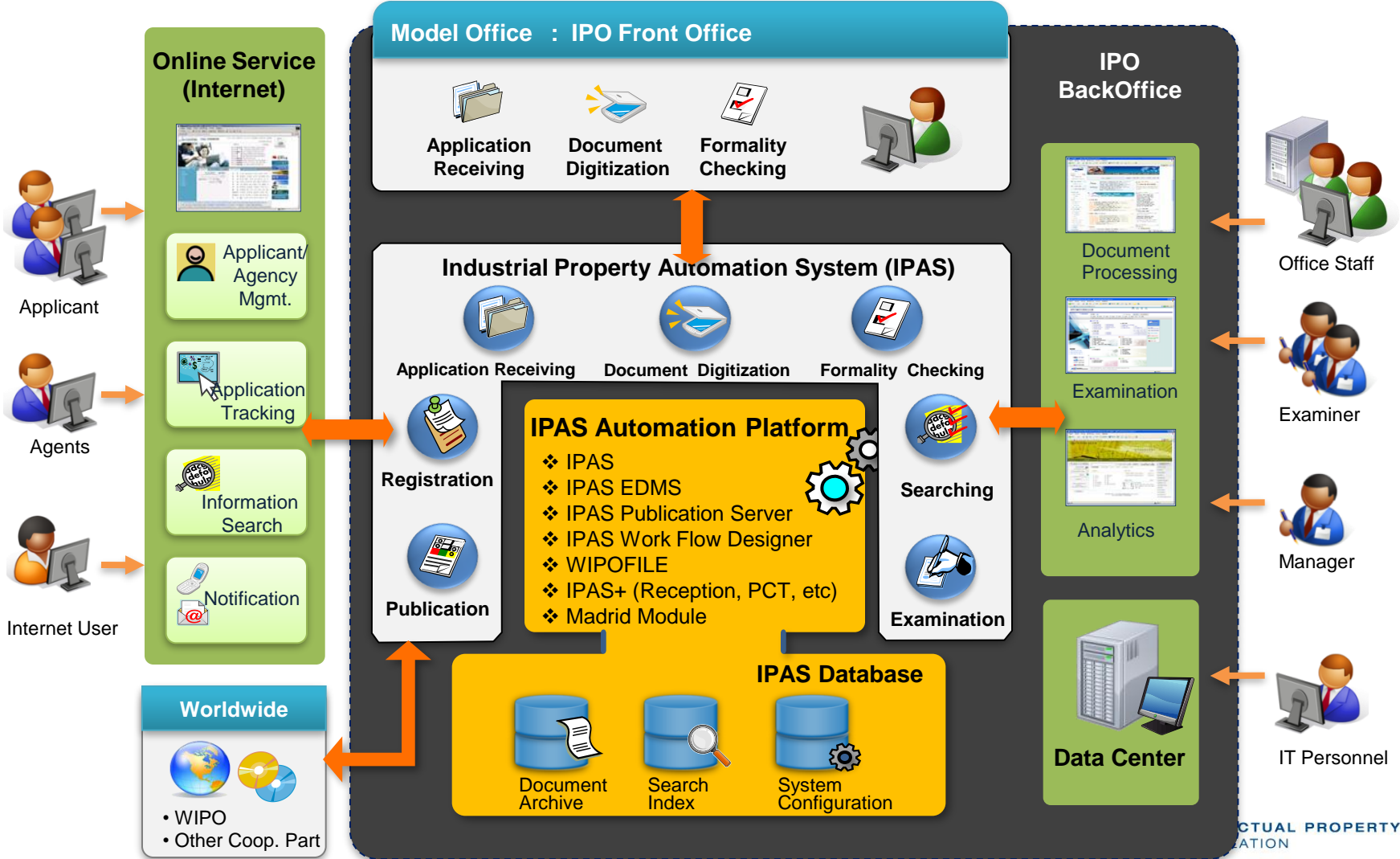
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801701	44/2015	000801701	801701	BIRTH-ENN	20/11/2019	Fully Processed	<input type="checkbox"/>
701710	44/2015	000701710	701710	BIRTH-ENN	14/11/2019	Fully Processed	<input type="checkbox"/>
701709	44/2019	000701709	903	IRREGROUP-EN	19/11/2019	Fully Processed	<input type="checkbox"/>
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701709	44/2019	000701709	1295718001	IRREGROUP-EN	19/11/2019	Fully Processed	<input type="checkbox"/>
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701709	44/2015	000701709	701709	BIRTH-ENN	14/11/2019	Fully Processed	<input type="checkbox"/>
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701709	44/2019	000701709	905	IRREGROUP-EN	19/11/2019	Fully Processed	<input type="checkbox"/>
701709	44/2019	000701709	902	IRREGROUP-EN	19/11/2019	Fully Processed	<input type="checkbox"/>
701709	44/2019	000701709	1295718701	IRREGROUP-EN	19/11/2019	Fully Processed	<input type="checkbox"/>
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701708	44/2015	000701708	701708	BIRTH-ENN	14/11/2019	Fully Processed	<input type="checkbox"/>

50 Items found, displaying 1 to 15.

◀ 1, 2, 3, 4 ▶▶

**Irregularity transaction**

# IP Office Digital Transformation



Thank you for your attention