

8th ASEAN IP Register Regional Coordination Meeting

IP Data Publication in Africa

Challenges, Progress, and Opportunities

Gregory Sadyalunda, IPOBSD

May 6, 2025

Challenges

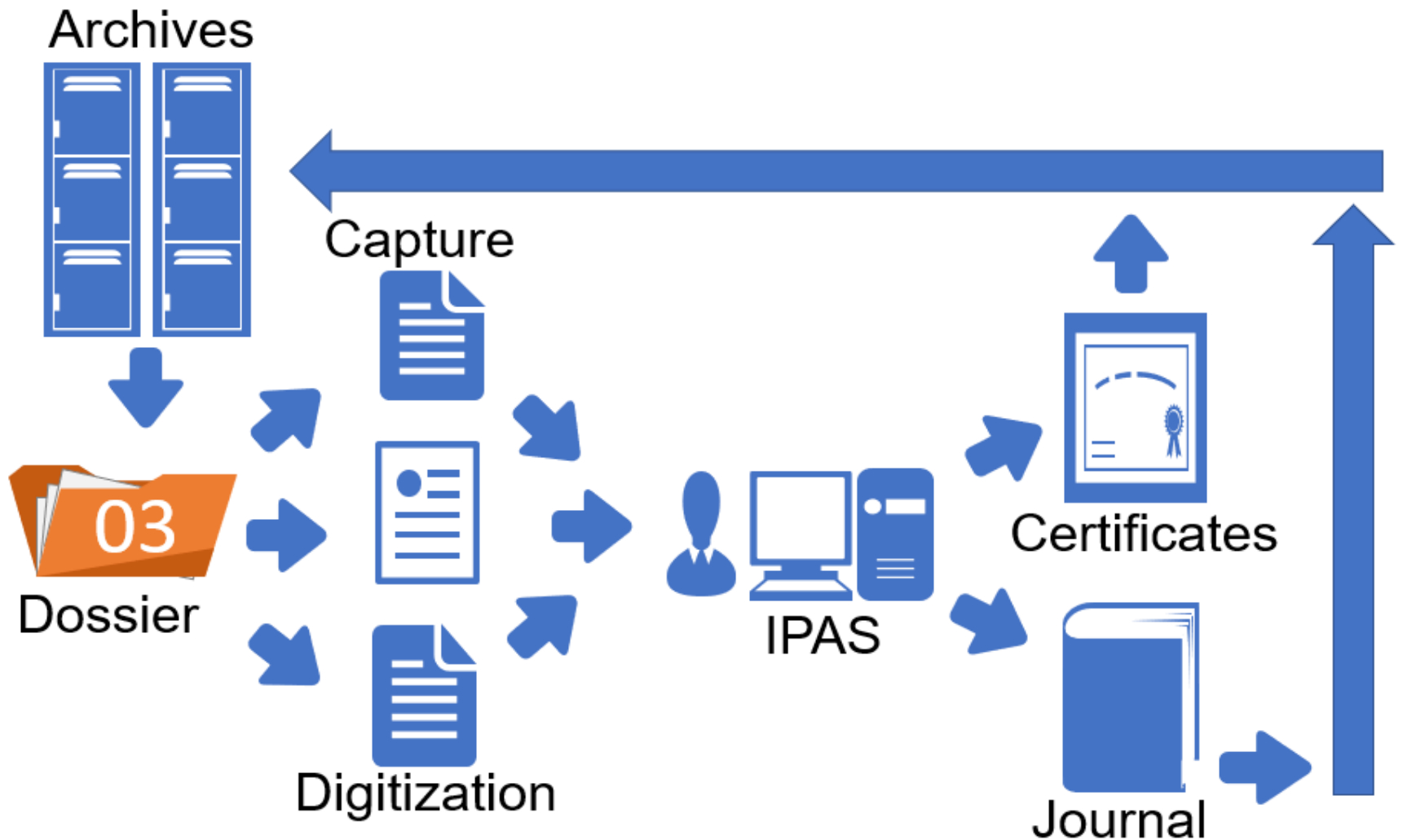
Challenges: Legacy & Data Issues

- - Paper-based systems persist in many offices
- - IPAS data often incomplete or inconsistently migrated
- - Data errors reduce trust and usability

Challenges of Maintaining Data Quality

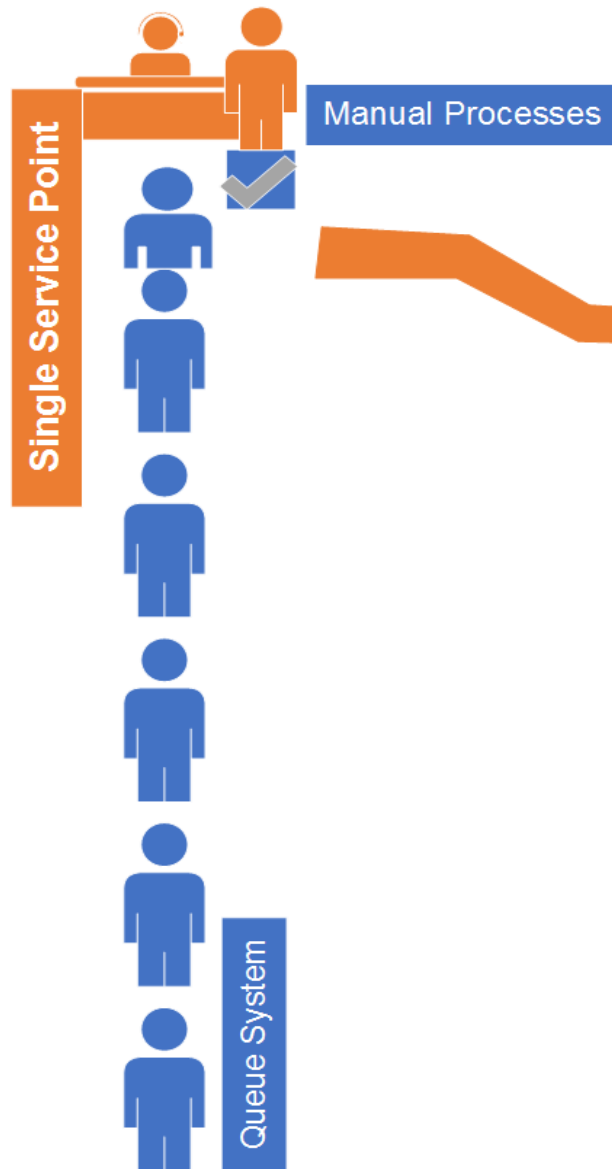
- **Data Entry Errors:** Mistake made during data entry such as Typos, can introduce inaccuracies into databases.
- **Incomplete Data:** Missing or incomplete data can hinder analysis and decision-making, as you might lack a comprehensive view of situation.
- **Duplicate Data:** Duplicate records can lead to confusion and inflated numbers, affecting statistical analysis.
- **Outdated Data:** Failing to update data regularly can lead to outdated information, which may no longer reflect the current state of affairs.
- **Data Integration Issues:** Combining data from different sources can result in inconsistencies and discrepancies.

More Paper

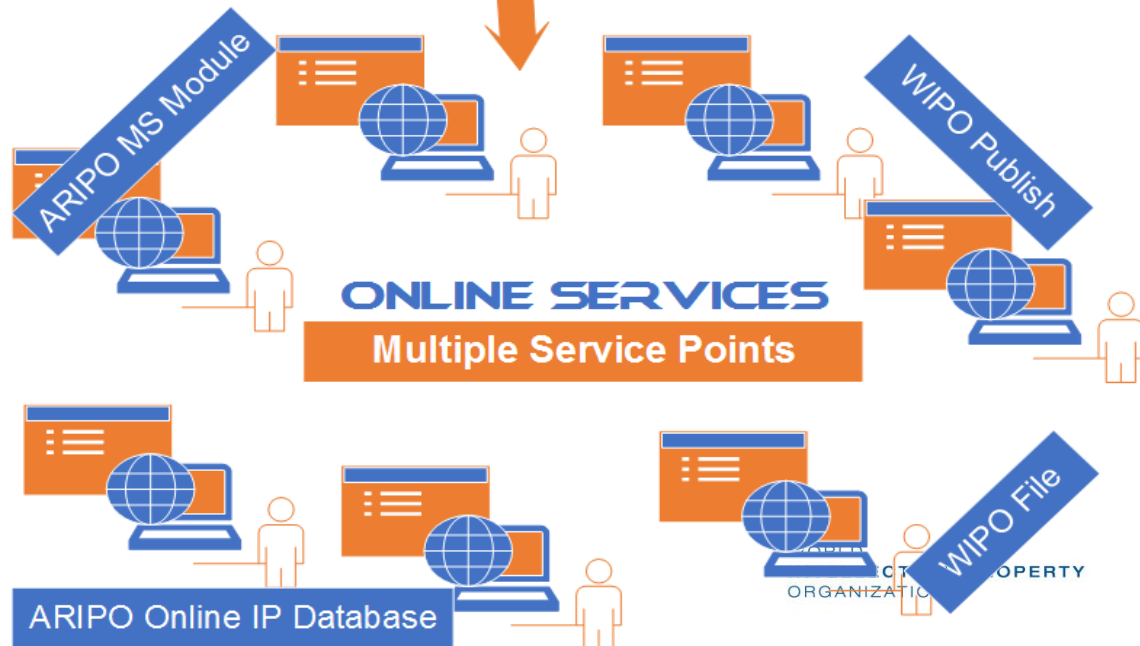


IPO Hybrid Systems

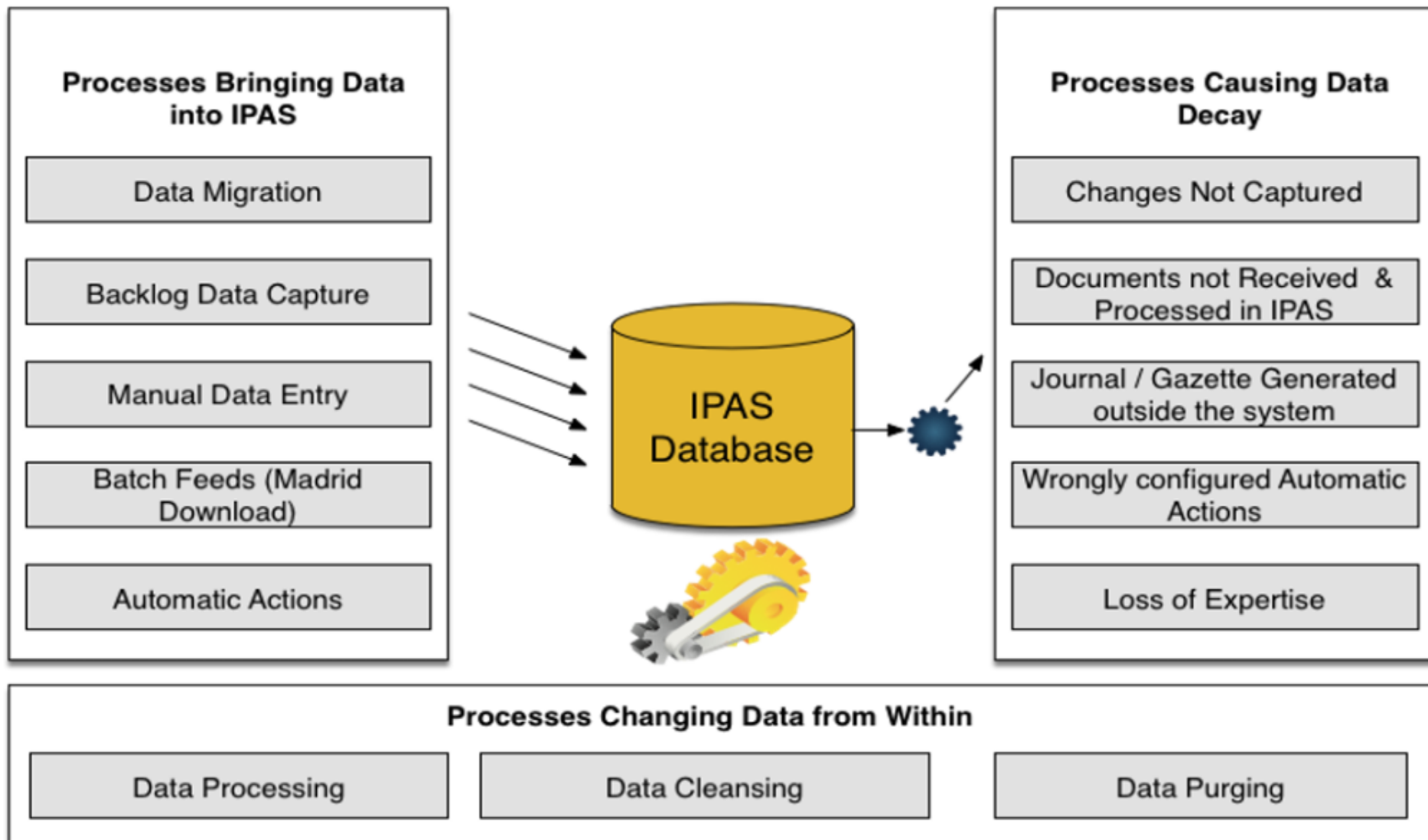
BEFORE AUTOMATION & MODERNIZATION



Hybrid – Queue + Multiple Service Points



Back Office Data Quality Issues



Impact of Compromised Data

- **Inaccurate Decisions:** Decisions-makers may make incorrect choices based on faulty data, leading to poor business outcomes.
- **Loss of Trust:** Stakeholders may lose trust in an organization if data quality is consistently compromised, potentially damaging reputation and relationships.
- **Financial Loss:** Poor data quality leads to financial losses, such as missed revenue opportunities or increased operational costs.
- **Wasted Resources:** Efforts to correct data quality can consume time and resources that could have been used more effectively.
- **Legal & Regulatory Risks:** Violating data protection and privacy laws due to data quality issues can result in legal penalties & regulatory fines.

Progress

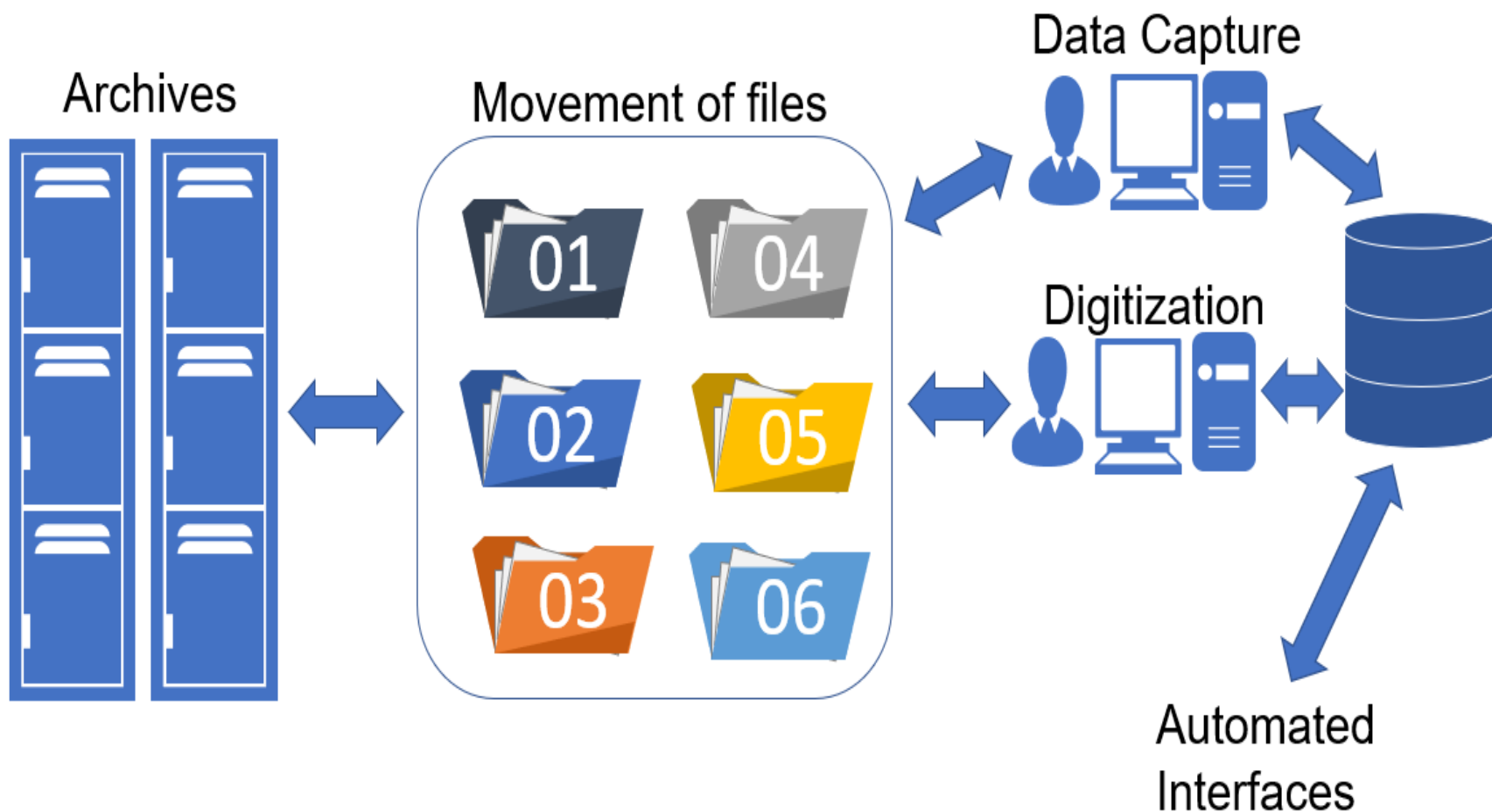
How to Solves Data Quality Challenges

- Standardization
- Modernization and Harmonization of Legal Frameworks
- Validation Rules.
- Automated Checks
- Notifications
- Documentation

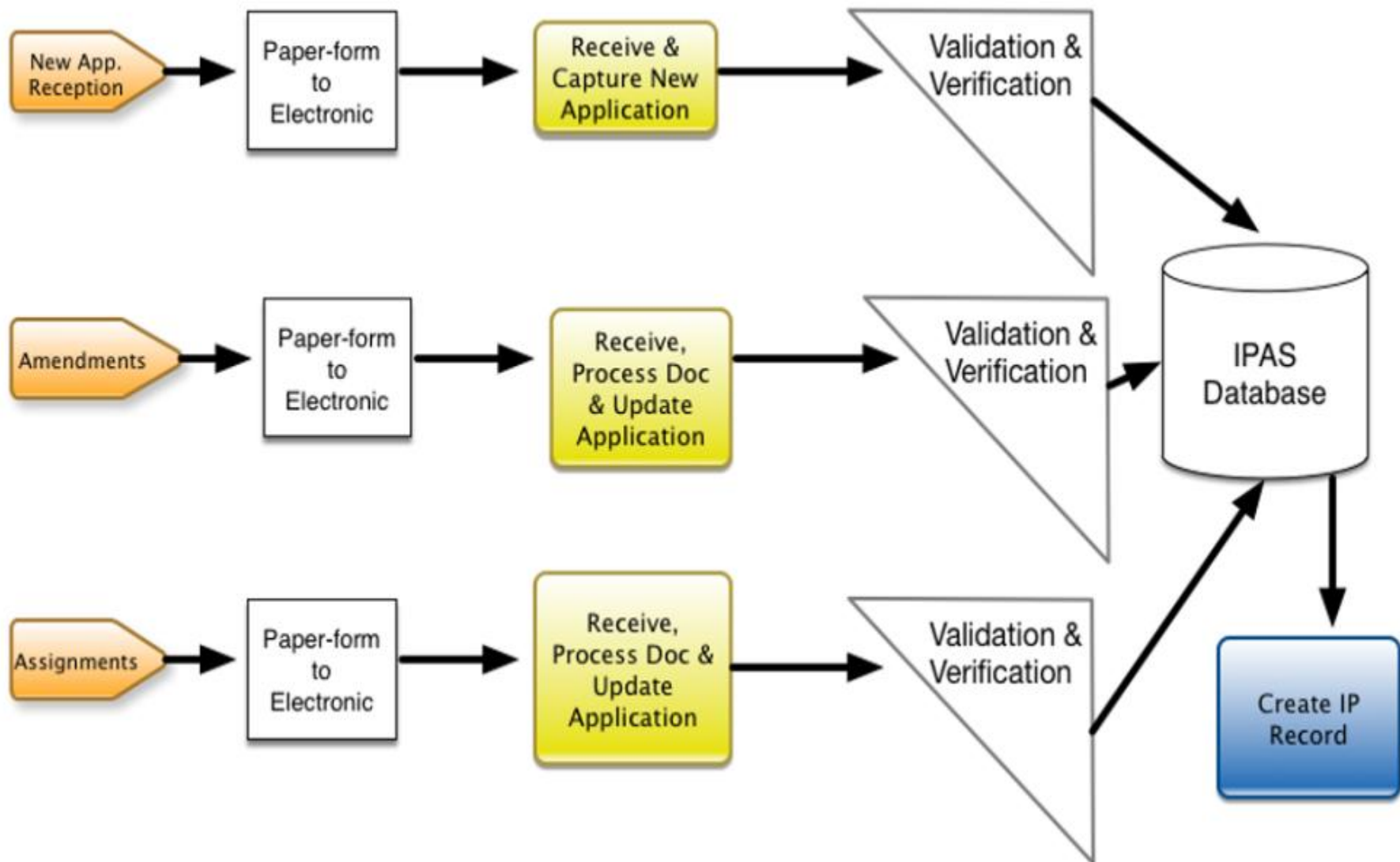
Progress Achieved

- - IPAS deployed in 26+ countries (WIPO, 2025).
- - Migration to cloud-native IPAS 4.0 ongoing.
- - Regional training and shared tools via ARIPO/OAPI.
- - Data cleaning and validation projects underway through Japan Funds-In-Trust.

From Paper Registry to Electronic Registry



Best Practices – IPAS Data Capture



IPAS Data Input Verification


IPAS - Industrial Property Administration System

[Back](#) | [Save all changes](#) | [Remove logo](#) | [Discard changes](#)

Edit trademark

Mark TM/T/2015/000900 - pharm

Filing	Registration	Sign	Public
--------	--------------	------	--------

New Delete highlighted Update highlighted	s Priorities Related Nice Vienna
---	--

Name	
Pulse Pharmaceuticals	United Kingdom Unknown Uruguay US Minor island US Virgin Islands Uzbekistan Vanuatu Vatican Venezuela Viet Nam Wallis&Futana I Western Sahara WIPO

Road, Msasa

IPAS In-built Data Validation

Mark TM/T/2015/000900 - pharmacy.healthy.beauty utano

Filing	Registration	Sign	Publication	Other	Poa Ref
File Sequence	Trade Marks				
File Type	National Marks				
File Series	2015				
File Number	900				
External System Id					
Application Subtype *	Part A				
Filing Date *	31/09/2015 00:00:00				

Filing Date is not a valid date or does not respect the 'dd/MM/yyyy HH:mm:ss' format.

☐ Prevent this page from creating additional dialogs

OK

IPAS In-built Data Validation

WIPD
WIPD Software Solutions

IPAS - Industrial Property Administration System

[Back](#) | [Save all changes](#) | [Remove logo](#) | [Discard changes](#)

Edit trademark

Mark TM/T/2015/000900 - pharmacy.healthy.beauty utano

Filing	Registration	Sign	Publication	Other	Poa Ref	al	Payment
--------	--------------	------	-------------	-------	---------	----	---------

File Sequence

Trade Marks

File Type

National Marks

File Series

2015

File Number

900

External System Id

Application Subtype *

Part A

Filing Date *

02/09/2015 00:00

Filing Date is not a valid date or does not respect the 'dd/MM/yyyy HH:mm:ss' format.

OK

In-built Data Validation

WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPAS - Industrial Property Administration System

Back |  |  |  |  | Edit | Save changes | Undo close | Check affected files | Check file capture | Check digitalisation | Delete | Duplicate

Date 25/05/2012 is not closed yet

Daily log data

Record 13/197

Document Origin *	Trade Marks 
Document Log *	Input 
Log Date *	02/09/2015
Next Working Date	
Is Open	☒
Is Closed	☒
Date Affected Files Identified	
Date Userdoc Data Captured	
Date Application Data Captured	

Data Validation by IPAS Daily Log

 IPAS - Industrial Property Administration System

Back |  |  |  |  | Edit | [Save changes](#) | [Check file capture](#) | [Check digitalisation](#) | Delete | Duplicate

The file whose input log entry is ZW/E/2015/10 and whose number is ZW/T/2015/361 has not been captured yet

Daily log data

Record 7/9

Document Origin *	Zimbabwe
Document Log *	Input
Log Date *	01/04/2015
Next Working Date	
Is Open	☒
Is Closed	☒
Date Affected Files Identified	20/10/2015
Date Userdoc Data Captured	20/10/2015
Date Application Data Captured	

Data Validation by IPAS Daily Log

WIPD
WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPAS - Industrial Property Administration System

Back |  |  |  |  | Edit | Save changes | Undo close | **Check affected files** | Check file capture | Check digitalisation | Delete | Duplicate

Daily log data

Record 13/197

Document Origin *	Trade Marks
Document Log *	Input
Log Date *	02/09/2015
Next Working Date	
Is Open	☒
Is Closed	☒
Date Affected Files Identified	
Date Userdoc Data Captured	
Date Application Data Captured	
Date Logo Image Scanned	

In-built Data Validation

Nice Class Edition must be an integer.

New | Delete highlighted | Update highlighted | Initialise description

Status	Ed	Nbr	Description
Pending	9	44	Medical services; veterinary services; hygienic and beauty care for human beings or animals; agriculture, horticulture
Pending	11	9	

Details of highlighted Nice class

Nice Class Edition ★

Nice Class Nbr ★

Nice Class Description

Validation through Changes Log

file	filingData	validationDate	Before:	
			After:	20/10/2015 11:50:09
		validationUserId	Before:	
			After:	4

IPAS Data Input Verification – Check List

Option name	Checked		
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

Data Validation through IPAS

 IPAS - Industrial Property Administration System											
Back ↩ ⏪ ⏩ ↲ Edit Workflow Similarities Duplicate New mark Changes log Folder PDF View POA											
View trademark											
Record 1 / 1											
(219) Application Nbr	TM/T/2015/000800										
Status	Awaiting Publication fee [due date 29/01/2016]										
Last action	TV8 Advice										
Application type	Part A										
Sign type	Name only										
(541) Mark name	VIACE										
(512) Nice class(es)	<table> <thead> <tr> <th>Ed</th><th>Nbr</th><th>Status</th><th>Description</th></tr> </thead> <tbody> <tr> <td>9</td><td>5</td><td>Pending</td><td>pharmaceutical preparations in class 05</td></tr> </tbody> </table>			Ed	Nbr	Status	Description	9	5	Pending	pharmaceutical preparations in class 05
Ed	Nbr	Status	Description								
9	5	Pending	pharmaceutical preparations in class 05								

Data Validation through IPAS

WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

IPAS - Industrial Property Administration System

Back |  |  |  |  | Edit | Workflow | Similarities | Duplicate | New mark | Changes log | **Validate** | Folder PDF | View POA

View trademark

Record 1/1

(219) Application Nbr	TM/T/2015/000800
Status	Awaiting Publication fee [due date 29/01/2016]
Last action	TV8 Advice
Application type	Part A
Sign type	Name only
(541) Mark name	VIACE
(512) Nice class(es)	

Ed	Nbr	Status	Description
9	5	Pending	pharmaceutical preparations in class 05

ARIPO Regional IP Database

[Help](#) [About](#) [English](#)  (0)

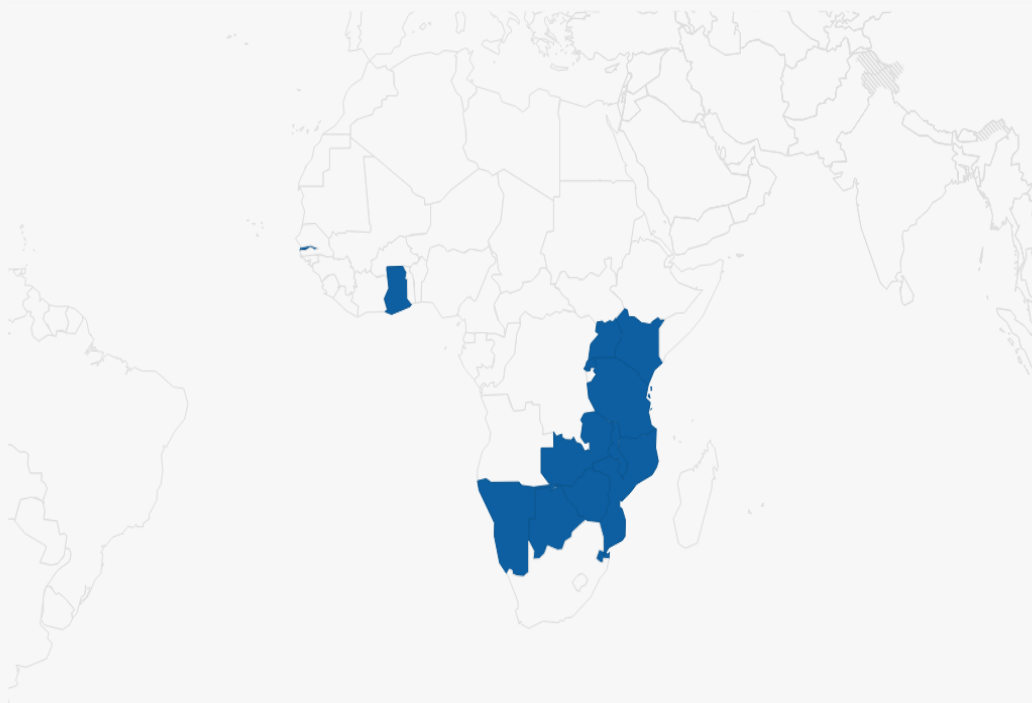


[Designs](#) [Patents](#) [Trademarks](#)

African Regional Intellectual Property Organization Search System

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

PATENTS, DESIGNS AND TRADEMARKS FILING BY COUNTRY



Flag	Country	Patents	Designs	Trademarks
	Botswana	171	69	32581
	Malawi	15	0	23124
	Mozambique	257	175	36728
	Uganda	14	0	29971
	Rwanda	30	8	9176
	Eswatini	0	0	18785
	Zambia	149	208	28599
	Zimbabwe	15	0	71235
	Gambia	3	0	7850
	Namibia	0	0	54180
	Tanzania	9	0	44206
	ARIPO	9839	1207	2160
	Kenya	5628	1079	74940
	Ghana	4	0	27501

0 9,839

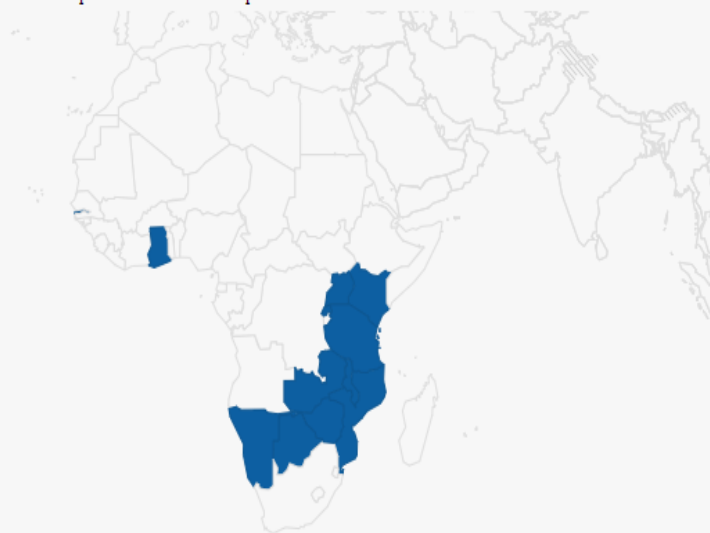
[Search](#)

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
	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



Search Term

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

[Basic](#) [Advanced](#)

Q coca cola

Search

INTELLECTUAL PROPERTY

All you need to know about

TRADEMARK

You can click a region on the

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

Results – Simple Search

[Help](#) [About](#) [English ▼](#) [\(0\)](#)


ARIPO Regional IP Database

[Designs](#) [Patents](#) [Trademarks](#)
[Basic](#) [Advanced](#)

Filter

Showing 1 - 20 of 1562 results



Status: Registered
 Mark: (EN)COCA COLA
 Original Filing #: TZ/T/1/000382
 Publication Number:
 Reg. #: 1000382
 Nice Classes: 42
 Applicant: THE COCA-COLA COMPANY

Filing Date : 1968.11.09
 Pub. Date:
 Reg. Date: 2017.03.31
 Vienna Classes:
 Designated Offices:



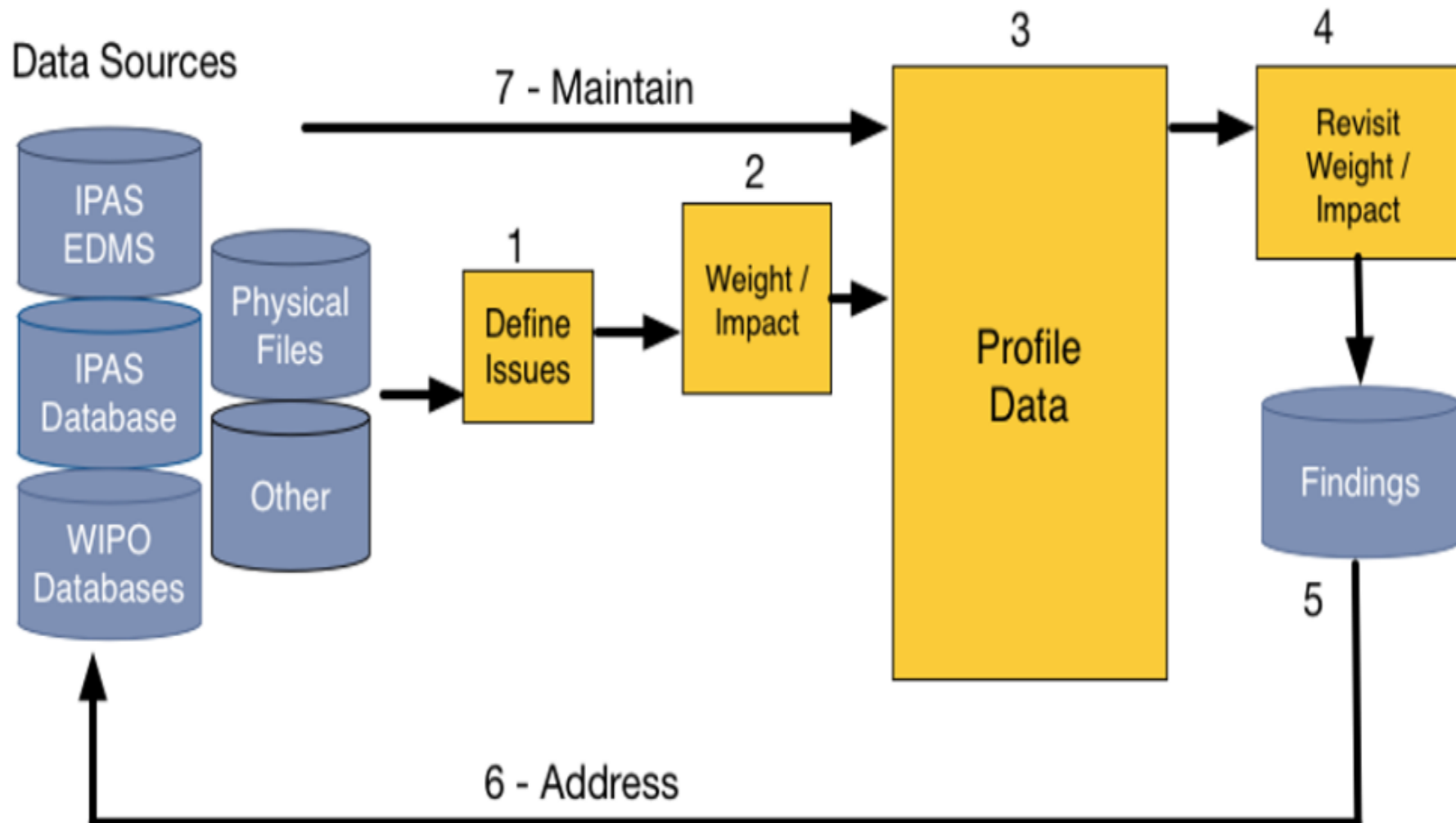
Status: Registered
 Mark: (EN)COKE STUDIO
 Original Filing #: TZ/S/2013/000561
 Publication Number: 2014.01
 Reg. #: 2013000561
 Nice Classes: 41
 Applicant: THE COCA-COLA COMPANY

Filing Date : 2013.09.20
 Pub. Date: 2014.01.06
 Reg. Date: 2017.03.21
 Vienna Classes:
 Designated Offices:

Opportunities

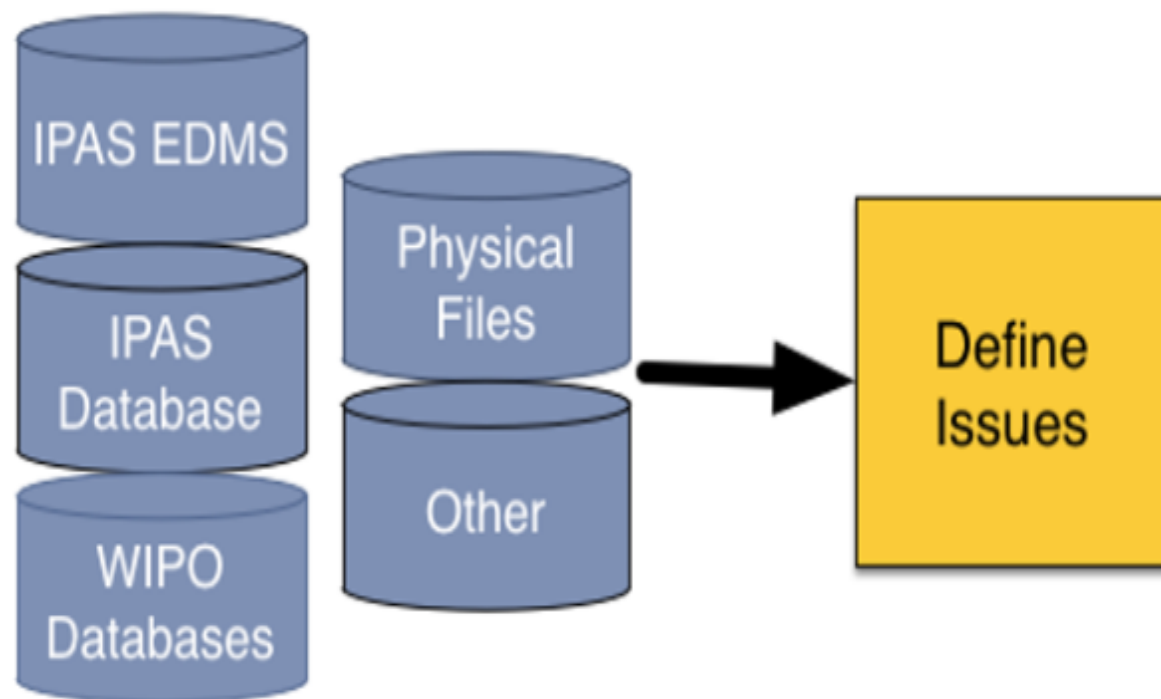
- Online IP data publication is key to modern administration.
- Africa shows progress, but faces legacy and systemic challenges.
- ASEAN model offers a regional integration benchmark.

Assessing your Data Quality



Data Profiling

Data Sources



Potential Duplicates
Files in Wrong statuses
Wrong Automatic Actions
Out of Range Values
Changes Not Captured
Missing Data Values
Wrong Data Values
Potential Defaults
Journal Processed outside
Invalid Data Values
Documents done outside

Opportunities: ASEAN Benchmark

- - ASEAN IP Register: a unified, API-enabled platform (A
- - Federated search across national IP offices.
- - User-friendly access boosts visibility and trust.

Conclusion

- Africa has a foundation to build on.
- Strategic investment, coordination, and ASEAN lessons key.
- Goal: transparent, accessible, high-quality IP data systems.

Thank You