



**African Regional Intellectual Property Organization**

# **ARIPO ONLINE SERVICES AND THE MS MODULE**

ARIPO SECRETARIAT,  
HARARE, ZIMBABWE

**Making better use of Intellectual Property for business  
competitiveness and development in Africa**

# IMPLEMENTATION OF THE ARIPO-WIPO-KOICA ICT PROJECT FOR THE UPGRADE OF THE ARIPO ICT INFRASTRUCTURE AND THOSE OF ITS MEMBER STATES

- In August 2013 ARIPO embarked on the Upgrade and Modernization of the ICT Infrastructure of the WIPO, ARIPO and its Member States project
- The goal of this project was to upgrade and modernize ICT infrastructure of patent offices in ARIPO and 19 Member states
- The main objectives include:
  - the enhancing of efficiency of the business processing and other administrative work at the ARIPO Office and those of its Member States,
  - the facilitation of accessibility of Intellectual Property information in the region and in Africa at large
  - The strengthening of ICT institutional capacity in the ARIPO region and beyond



# IMPLEMENTATION OF THE ARIPO-WIPO-KOICA ICT PROJECT FOR THE UPGRADE OF THE ARIPO ICT INFRASTRUCTURE AND THOSE OF ITS MEMBER STATES

- The project focused on:
  - upgrading ARIPO's IP administration system
  - development of a member states' module for online electronic data communication and
  - the development and provision of online services to users and the public at large
- the new IP administration system, POLite+, was launched on March 2<sup>nd</sup>, 2015
- the project was inaugurated on April 24<sup>th</sup>, 2015



# IMPLEMENTATION OF THE ARIPO-WIPO-KOICA ICT PROJECT FOR THE UPGRADE OF THE ARIPO ICT INFRASTRUCTURE AND THOSE OF ITS MEMBER STATES

- The expected benefits of the project include:
  - reduction of paper records in IP file processing
  - elimination of duplicate records and processes across the ARIPO region
  - substantial productivity and efficiency gains amongst ARIPO stakeholders
  - significant savings on time and money (shorter processing time for IP applications arising from productivity improvements, cash flows management with online payment, and improved service to stakeholders which will attract more filings)



# Before POLite+



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# POLite+

- Web-based IP administration automation system for ARIPO
- As an internal system, POLite+ allows ARIPO to proceed with IP administration work from reception to registration.
- POLite+ provides functions for IP work including application reception, verification, data capturing, formality examination, substantial examination, registration, examiner search, journal publication and fee management.

Main Data    Person    Figure    Document List

Compulsory\*

Domain	<b>ARIPO Patent</b>	Application No.	<b>AP/P/2015/000206</b>
Applicant type*	Standard Application	Date Received*	27.01.2015
Receiving Office No.		Representative ref.	A1112
Filing Date*	27.01.2015	Anniversary	1
Valid Until	27.01.2016	Date abandoned	
PCT Appl. Date			
PCT Appl. No.		Download from WIPO	
Title*	A crystalline form of perindopril tert-butylamine salt		<input type="checkbox"/> Including non-unicode
Abstract			<input type="checkbox"/> Including non-unicode
Number of pages	0	Number of claims	0
IPC classes	Classification Search		Designated states 12 D/S
	B I    B I    Version    +		
C07K 5/02 (2006.01) X    C07K 5/00 (2006.01) X			<input type="checkbox"/> BW (Botswana) <input checked="" type="checkbox"/> GH (Ghana) <input checked="" type="checkbox"/> GM (Gambia) <input checked="" type="checkbox"/> KE (Kenya) <input type="checkbox"/> LR (Liberia) <input checked="" type="checkbox"/> LS (Lesotho)
Priority	Priority number	Priority date	Designated All Deselect All
	Country code	DAS code	
9802864-0 (06.07.2000/FR) X    9802864-1 (06.07.2000/SD) X			

Save



# Online Service, M/S Module, POLite+

## Users



## Users in ARIPO



### Search Portal for Public **NEW**

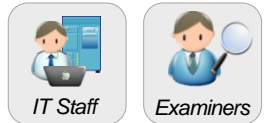
<b>IP Digital Library</b> IPDL for Patent, Utility Model, Industrial Design, Trademark	<b>e-Service</b> On-line application and e-payment
<b>Internet Journal</b> On-line Journal and Retrieval	<b>Home page</b> Portal site for Public

### Member State Module **NEW**

<b>Harare</b> Data exchange related Harare Protocol	<b>Banjul</b> Data exchange related Banjul Protocol
<b>Transfer Search Data</b> Data transfer for search system	<b>Account inquiry</b> Request balance account and Inquiry account information
<b>IPAS API</b>	<b>WIPOScan API</b>
<b>System management</b> configuration setting and User management	

**UP** IPAS JAVA **UP** WIPOScan v2.2

### Users in ZIPO

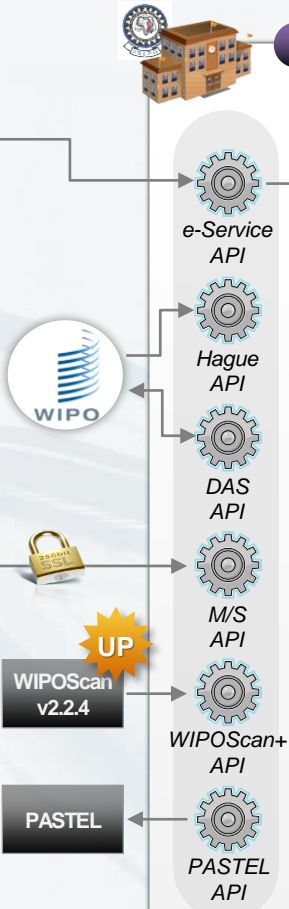


### POLite+ (Web-based IP Automation system)

<b>Receiving UP</b> Online Offline	<b>Formality Checking UP</b> Check the formality and requirements	<b>Publication UP</b> Publication of online and offline
<b>Search Request UP</b> Search service Requesting services	<b>Registration UP</b> Creation, change management	
<b>Fee/account UP</b> Fee rates Management of fee receiving information	<b>Admin. UP</b> User setting, Log, User authority	
<b>Examination NEW</b> Substantial examination	<b>Search system NEW</b> Search for prior arts	<b>Form mgmt NEW</b> Form management Form creation, modification

receiving DB	M/S connection DB <b>NEW</b>	E-document DB <b>NEW</b>
Administration DB	PASTEL connection DB <b>NEW</b>	Search DB <b>NEW</b>



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# ONLINE SERVICES MODULE

- The e-Services module is accessible on [eservice.aripo.org](http://eservice.aripo.org).
- Applications can be filed online. Online payment is being worked on
- The Intellectual Property Digital Library (IPDL) allows for online data search. For now, only ARIPO data search is possible. MS data can also be searched though the if MS send their data through M/S Module.
- ARIPO journals are available for download free of charge
- Journals of MS would be available for downloading free of charge just like ARIPO's journals once the member states provide their journals for upload onto the e-Service module.





# Online Service

The screenshot shows the ARIPO Online Service website. The header features the ARIPO logo and the text 'ARIPO ONLINE SERVICE'. Below the header, there are navigation links for 'Sign in' and 'Sign Up'. The main content area is divided into several sections:

- Quick Search:** Find patents online with basic keyword, inventor or numbers.
- Journal:** View and download online Journals published by ARIPO.
- E-Forms:** Download standard forms you need for acquisition of IP rights.
- User Guide:** Learn how to use e-Service, IP Digital Library, and e-Journal.
- Publication Server:** Search contents of the ARIPO Journal.
- Online Filing:** File an application and follow-on documents through e-Service.

Below these sections, there are three columns of 'Most Popular' items:

- Most Popular Form:**
  - Form 3: Request for grant of patent, registra...
  - Form 28: Request for registration of industrial...
  - Form No. M 1: Application for Registration of a Mark
- Most Popular Journal:**
  - Vol. version\_01: AP\_2014
  - Vol. version\_02: AP\_2014
  - Vol. version\_03: AP\_2015
- Notice:**
  - Current Issues: Informal Sector: 12.01.2015
  - Awareness Low: 12.01.2015
  - ARIPO ANNUAL SESSION OF TH...: 12.01.2015

At the bottom left, there is a small text box stating: 'This system has been implemented by the grant of the government of the Republic of Korea.' Below this are logos for KOICA and WORLD FRIENDS KOREA.

- Online Service is IP information service for the general public.
- Online Service allows anyone to submit their IP applications to their local patent offices or ARIPO without physically visiting them by providing e-filing and e-payment through e-service.
- Online Service provides functions of e-service and IPDL(Intellectual Property Digital Library), and allows journal search, and form & fee information download.



# Online Service

## Users



Inventors



Company



Research  
Institute



School



Agent



Search Portal for Public

**NEW**

### IP Digital Library

IPDL for Patent, Utility Model,  
Industrial Design, Trademark

### e-Service

On-line application and  
e-payment

### Internet Journal

On-line Journal and Retrieval

### Home page

Portal site for Public

# eservice.aripo.org

- ▶ E-SERVICE
  - └ Online Filing
  - └ E-PAYMENT
  - └ Notification
  - └ My Docket

## SSL, double passwords based security

- ▶ IP DIGITAL LIBRARY
  - └ Quick Search
  - └ Advanced Search

- ▶ JOURNAL
  - └ ARIPO Journal
  - └ Publication Server
  - └ Member States Journal

ARIPO Data

National Data

Free of charge

Member States Journal



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## SOME STATISTICS

- ONLINE APPLICATIONS – 241
- ONLINE USERS REGISTERED – 46
  - AGENTS – 28
  - NATURAL PERSONS – 5
  - LEGAL ENTITIES - 13



# IMPLEMENTATION OF THE ARIPO-WIPO-KOICA ICT PROJECT FOR THE UPGRADE OF THE ARIPO ICT INFRASTRUCTURE AND THOSE OF ITS MEMBER STATES

- The challenges faced include:
  - reluctance by agents to file applications online
  - challenges implementing the online payments system
  - agents adapting to the new online system
  - publicity
  - the usual new system challenges



# MEMBER STATES MODULE

- The Member States (M/S) module was developed as part of the project to Upgrade and Modernize the ICT Infrastructure of the ARIPO office and those of its Member States
- The module has been successfully implemented at ZIPO as a pilot Office for the Member States module project. The next phase will involve implementing the module in all the other 18 Member States
- The module will allow online data exchange between POLite+ of ARIPO and IPAS of its Member States.
- Through the module, ARIPO and its member states will be able to exchange all types of notifications, forms and documents online which are presently delivered by courier



## MEMBER STATES MODULE

- Using the M/S module, ARIPO's applications will be input and uploaded onto the MS' IPAS automatically
- Any documents received from ARIPO will be automatically saved onto IPAS that the MS are using.
- ARIPO can add data from its MS onto the search system and journals.
- The module provides notification transmission/reception function as well as national data sending function through the linkage with the IPAS system.
- It also enables MS to check their respective accounts at ARIPO online
- Implementation of the MS module of POLite+ will be facilitated by WIPO, KOICA, KIPO, ARIPO and the MS
- In order to use the M/S Module, the MS should already be running IPAS Java and WIPO Scan.



# MEMBER STATES MODULE

- Some of the benefits will be:
  - Paperless exchange of information with MS
  - Cost and time savings
- Some of the challenges have been:
  - Slow implementation of the MS module



# THE END



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