

# COMPANIES & INTELLECTUAL PROPERTY AUTHORITY

#### **BOTSWANA**

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#### OUTLINE

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- IT Mandate
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#### INTRODUCTION

- The Companies and Intellectual Property Authority(CIPA) is an autonomous body under the Ministry of Investment, Trade & Industry since November 2014.
- CIPA is charged with the following responsibilities
  - Incorporation of Companies-Companies Act (CAP 42:01)
  - Registration of Business Names-Registration of Business Names Act (CAP 42:05)
  - Protection of Industrial Property Rights- Industrial Property Act( CAP 68:03)
  - Protection of Literary & Artistic Works-Copyright & Neighbouring Rights Act(CAP 68:02)



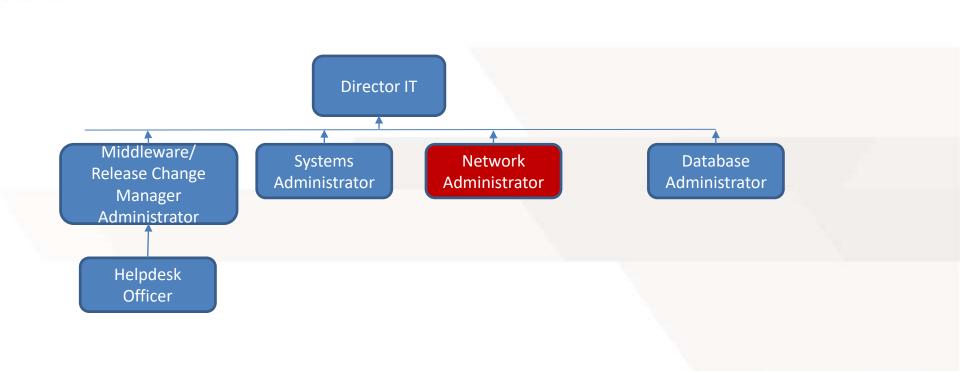
#### STRUCTURE

- CIPA is run by a Board of Directors and the Registrar General who is the Chief Executive Officer
- The organization has seven (7) operational divisions;
  - Core being the Companies & Business Names, Copyright and Industrial Property while Information Technology, Compliance, Awareness and Client Services, Board Secretary/Legal Services as well as the Corporate Services offer support services.
  - CIPA has an establishment of 88 permanent employees and 15 temporary staff member.
  - It has the head office in capital city Gaborone and three branches in Francistown, Serowe and Maun.

#### IT Mandate

- To create platforms that will improve turnaround times and assist in effective compliance
- To provide source of guidance for technology issues for staff and the organisation
- Manage the organization's hardware, software, physical security and communication
- Maintain information security and availability
- To provide ad-hoc IT technical training to staff (custom applications)
- IT Procurement
- Develop More IT Policies (Ongoing-
- Provide access to more information through the internet and Mobile Services
- Be in the Forefront to Drive CIPA Strategy through ICT
- Analysing organisational needs, dealing with technical integration issues, testing UAT, deployment and licencing
- Planning, managing and implementing large scale changes, as well as managing and mitigating risks within an environment
- Write Technical Procedures and Documentation for applications
- Ensure that Policies that ae already approved a adhered to, e.g User Acceptance Policy, Password Security

#### IT Team



Currently 5 officers, responsible for all offices across the country



#### Current IT Infrastructure

- Have own Wide Area Network (WAN) connecting
   4 offices across the country
- Hosting all applications and Internet
- Using blade Servers
- Virtual environment Hyper V
- Cloud Environment e.g Office 365, Companies
   Online System Registration System (OBRS)



### **Current Applications**

- The UNIT is responsible for:
  - Companies Business Names Administration System/Copyright & Neighbouring Rights Administration System (CBNAS/CNRAS)
  - OBRS
  - Office 365, email
  - ACCPAC
  - Industrial Property Administration System (IPAS) and its supporting stand alone tools/Modules
    - IPAS Madrid
    - IPAS Manager
    - IPAS Designer
    - ARIPO Member States Module
    - EDMS
    - WIPO Publish
  - WEBSITE
  - Building Reports and Dashboards via the BI System (Tableu)

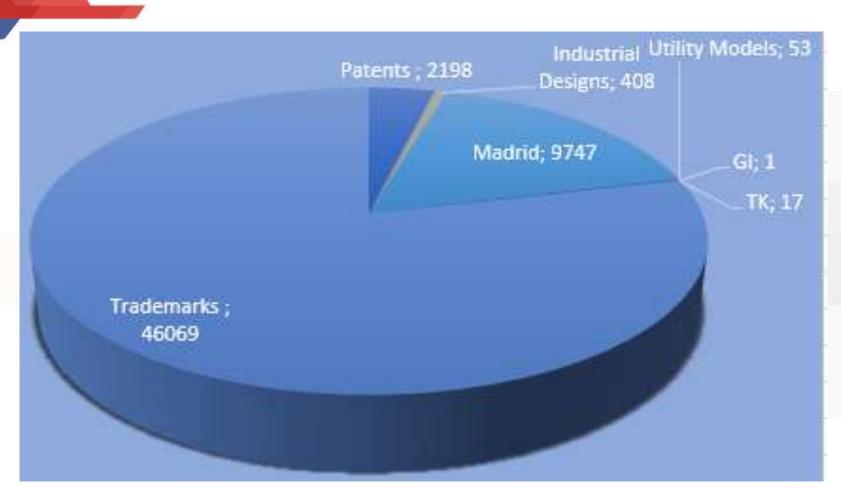


### **Current Applications - IPAS**

- Automation of the Industrial Property started in 2004
- The World Intellectual Property Organization Provided the Industrial Property Automated System(IPAS); software and hardware.
- The Project started with the capturing of all trademarks into the database in 2004.
- Patents, Industrial Designs and Utility Models were captured into IPAS in 2008
- Data Validation Project done in 2017



#### **IP Statistics**



### Current Applications- OBRS

- Funded by the New Zealand Government
- Provide online activities such as name reservation, registration, annual returns payment and SMS notifications
- To Interface with BURS, PPADB and OP, By 30<sup>th</sup> September 2019
- Already reduced turn around times from days to hours
- Reduced expenses related to customer travels
- Promote paperless office
- Payment done online via Debit Cards or via Deposit Accounts
- Go-live was on the 03<sup>rd</sup> of July



## Current Applications- OBRS

- Reduces costs for the customer
- Reduces operating costs
- Improves client satisfaction
- Reduces reliance on paper records
- Increases transparency and Integrity of register
- Improves efficiencies



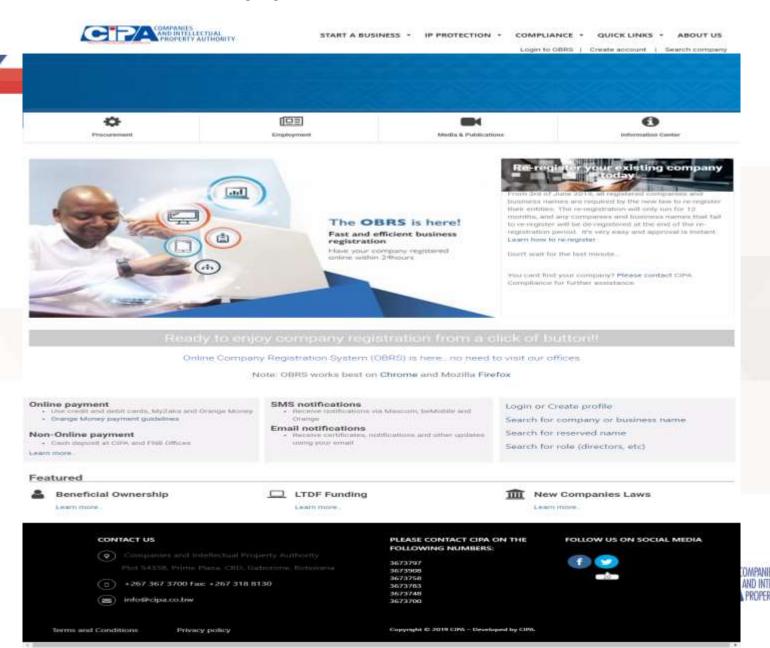
## **Current Applications-OBRS**

#### The project is divided into 5 phases;

- Phase 1: Understanding completed in May 2015
- Phase 2: Engagement Completed February 2016
- Phase 3: Installation and configuration (Build Phase) 2018
- Phase 4: Training, Acceptance and Deployment (Go live 03<sup>rd</sup>
   June 2019
- Phase 5: Ongoing Support (Maintenance support)

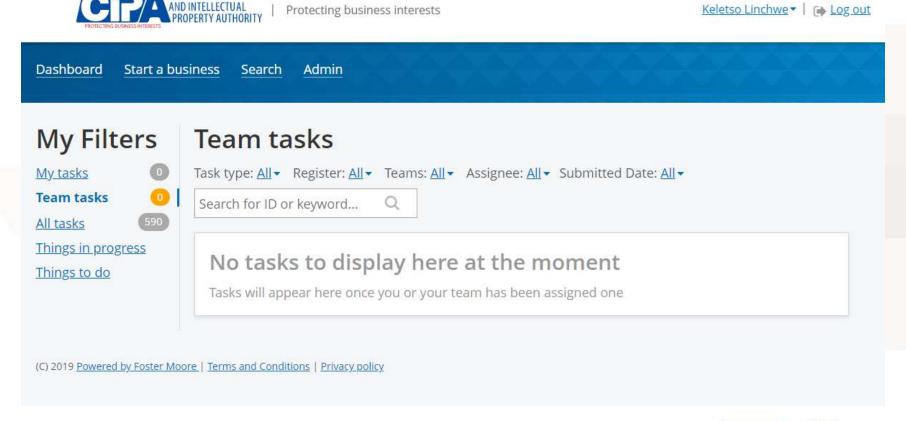


#### Current Applications-OBRS Landing Page

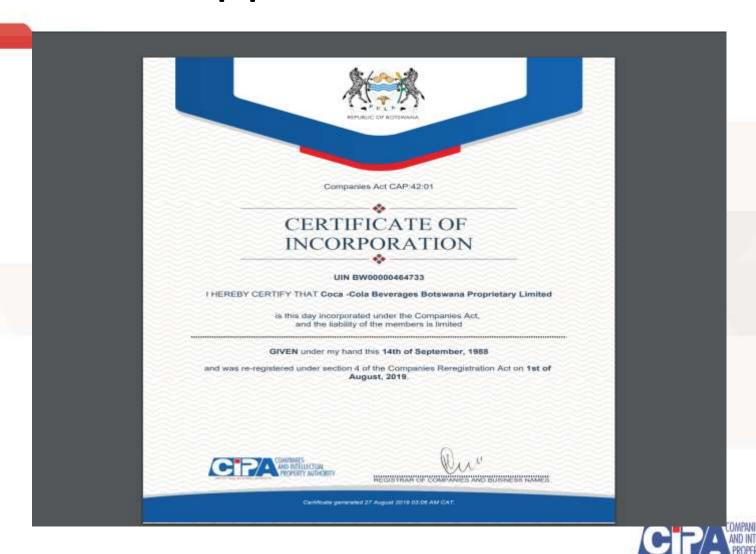


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### Current Applications-OBRS Snapshot



# Current Applications-OBRS Final Product



## Challenges

- Limited IT Resources Understaffed
- Lack of an Automated Help Desk System which leads to.
  - Unclear Status/Update on current user tickets
  - Users are sometimes not aware that the IT Officers are currently working on some other requests and expect immediate help which leads to frustrations on both sides.
  - If an urgent ticket (e.g client facing user requests comes through while attending a client feel neglected
  - Other IT Staff members may not know the whereabouts of the It Applications Support
- Lack of Funding on important infrastructure
- Lack of training on some of the responsibilities that the unit is to manage, e.g Procurement and Logistics including inventory due to lack of funding
- Teething Problems with the new Online Registration System

### **Projects**

#### Current projects include

- OBRS (Ongoing)
- Network Monitoring Tool, ongoing
- IPAS Ongoing
- SMS Services Ongoing
- Building Reports and Dashboards, Tableau
- Digitisation of IP Files (Coming Soon)
- Data Center Revamp (SimpliVity) Ongoing



### Roadmap/Future

- Intranet
- Own email hosting
- Infrastructure improvement
- Continuous Automation of processes
- Additional Policy development Ongoing, e.g Cloud Policy, Bring Your Own Device Policy, Security Policy
- Incorporation of Copyright into IPAS
- Online Services For IP
- Disaster Recovery Implementation



#### Conclusion

IP has potential to contribute to Botswana's aspiration to be a knowledge-based economy and that is only possible with the provision and continuous improvements of ICT Solutions

### THANK YOU, Q & A