Practice Identity Management

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New Atos is

€6.026 bn
FY 2022 Revenue

Global Leader
in Managed Infrastructure Services & Employee Experience

Visionary Managed Services offerings
enabled by AI

62,000
Experts

European Leader
in Private, Hybrid and Sovereign Cloud

Pioneering tech in
decarbonization

70+
Countries of Operations

1,200+
Global & diversified customers across industries

Gartner
Global Leader for Data Center Outsourcing and Hybrid Infrastructure Managed Services (2022)

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Global Leader for Outsourced Digital Workplace Services (2023)

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Digital Identity: Why it's important

1	**Security**	Highlighting the risks of online fraud and identity theft, with numbers on associated financial losses *(e.g., according to Javelin Strategy & Research, identity fraud losses reached $56 billion in the U.S. in 2020).*
2	**Simplification of Online Processes**	Illustrating how digital identity can streamline and expedite online transactions, with numbers on efficiency gains *(e.g., a McKinsey study shows that digital identification can reduce transaction costs by 90% compared to traditional methods).*
3	**Privacy Protection**	Emphasizing the importance of online privacy protection, with numbers on user concerns in this regard *(e.g., according to a Pew Research Center survey, 79% of U.S. adults are concerned about how their data is used online).*
4	**Accessibility**	Presenting the challenges related to providing physical identification documents for certain groups of people, with numbers on the affected populations *(e.g., according to the United Nations, approximately 1.1 billion people worldwide lack official proof of identity).*
5	**Innovation**	Illustrating the opportunities for innovation and the development of new services related to digital identity, with numbers on the associated economic potential *(e.g., a McKinsey study estimates that digital identity could create up to $3.4 trillion in economic value by 2025).*

Practice Identity Management: Vision & Mission

Vision

To be the **trusted provider** of the most powerful and secure **digital identity solutions**, offering an exceptional user experience to our customers governments, government agencies and the Para public sector.

We aim to establish high standards of security and data protection, while always being at the forefront of emerging technologies to meet our customers' evolving needs.

Mission

Our mission is to empower governments with cutting-edge **digital identity** solutions based on the open source **MOSIP platform**. We strive to enable seamless and secure identification of citizens, residents, and other stakeholders, while upholding privacy, security, and inclusivity principles. Through innovation, collaboration with the MOSIP community, and adherence to best practices, we aim to transform how governments manage and authenticate identities, enhance service delivery, and promote **citizen-centric governance**.

Practice Identity Management: Partners Ecosystem

Solution	MOSIP	Integration HARVA	Customisation HARVA	DEVOPS OPENSHIFT	DB EDB ENTERPRISEDB	BSP IDEMIA
Devices	MANTRA TECHNOLOGIES	logitech	IRIS ID	THALES	CMITECH	Canon / Nikon / DERMALOG / IDEMIA
Identity & Access Management	User Directory Microsoft	Identity Governance Evidian	SSO Evidian	MFA RSA SECURID SUITE	Jump server Microsoft	PAM WALLIX TRACE,AUDIT&TRUST
Operational Security	SIEM McAfee	Threat Intelligence McAfee	Vulnerability Management RAPID7			
Data Security	DLP DIGITAL GUARDIAN	DAM McAfee	HSM Trustway			
Application Security	Application Load Balancing f5	Web Application Firewall f5	Web Proxy Security McAfee	Mail Gateway Security CISCO	SAST sonarqube	
System Security	Backup & Restore DELL	Workload Security McAfee	Antivirus ClamAV	HIDS McAfee	FIM	
Network Security	Anti-DDOS ARBOR NETWORKS	External Firewall FORTINET	NIPS/IDS McAfee	Internal Firewall CISCO	SSL/ IPSeCVPN FORTINET	nDLP DIGITAL GUARDIAN
Endpoint Security	Antivirus McAfee	Anti-APT McAfee	EDR McAfee	HIDS McAfee	eDLP DIGITAL GUARDIAN	HDD Encrytpion Microsoft	Sandboxing McAfee

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Practice Identity Management: Scope

Infrastructure

Provision, implementation and commissioning of **IT hardware** at the primary data center and disaster recovery site

Network Security

Provision, installation and commissioning of **network architecture and security products**

Applications

Four types of components:

- Integration and customization of **MOSIP platform modules**
- Development, customization and integration of standard **IT products (OTS/COTS)**
- Development and integration of applications
- Integration of the **ABIS Automated Biometric Identification System**

Biometric Devices

Provision, installation and commissioning of **enrolment and authentication kits**

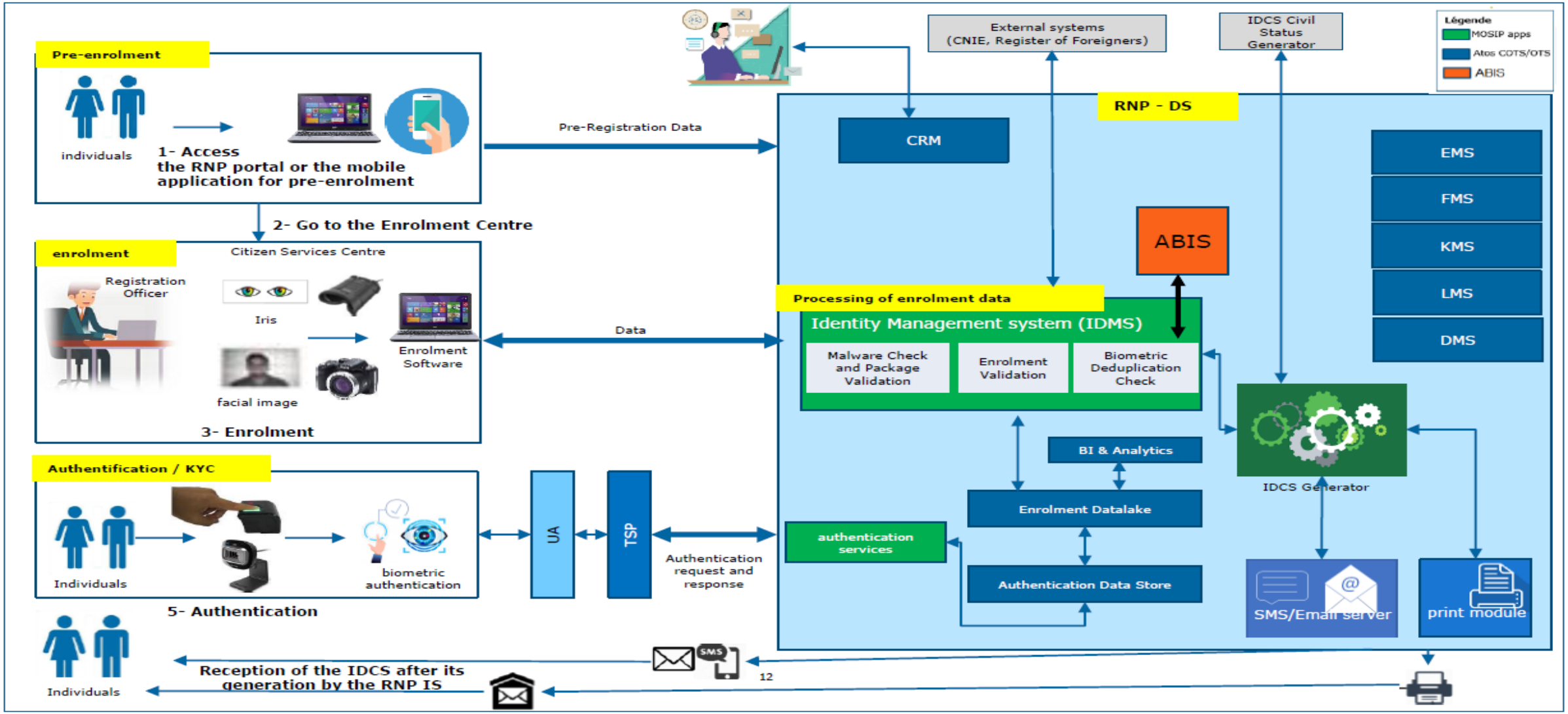
Biometric Service

Biometric solution: **SDK and ABIS**

Cards

Customization of cards

Practice Identity Management: Functional view



Practice Identity Management: References

Morocco RNP (Registre National de la Population)

Objective

- **The RNP information system** is the future administrative directory for all individuals residing in Morocco and interested in social programs.
- **The RNP information system** is designed to contain demographic and biometric data of all individuals (citizens and non-citizen residents) to provide reliable identification and authentication services to authorized agencies and organizations.
- **The RNP information systems** makes it possible to build up a complete database of all individuals (citizens and resident non-citizens). Each individual in the registry will be unique and will be assigned an identification number (IDCS) after data deduplication.

+8M **Number of Registration as of today**

e-Id Togo

The objective of the biometric identification project (e-ID Togo) is to assign a unique identification number (NIU) to any natural person of Togolese nationality or residing in Togo, based on his or her demographic and biometric data. e-ID Togo will enable the establishment of a central, secure and reliable database that will serve as a reference for the verification of the identity of beneficiaries of public, private or social services. This information system will allow to give to each Togolese resident a unique proof of identity whatever his origin or his place of residence. e-ID Togo will eventually be connected to the ECOWAS regional integration window, for the implementation of interoperable basic identification systems in Benin, Burkina Faso, Côte d'Ivoire, Guinea, Niger and Togo, with a target of 100 million people.

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