

SMART BORDERS TO ENSURE SECURE OPEN TRADE FOR A DIGITAL AFRICA

Unlocking Economic Growth and Innovation



“
“ **Secure open trade is the
lifeblood of economic
growth in Africa**

”

Income opportunity
\$450 Billion

30 Million People
Out of poverty by 2035

3%
Global Trade
contribution



Fundamentals of Smart Border Themes



CHALLENGES

- **Inefficient border management systems** to handle the growing volumes
- **Poor infrastructure and connectivity**
- **Heightened Security Risks** due to insufficient border security measures and ineffective risk management solutions to deal with illicit trafficking of nuclear, radioactive materials, commercial fraud, and other contraband
- **Trade Barriers**
- **Lack of streamlined border management processes** inhibiting regional integrations.
- **Lack of systems for financial inclusion and economic empowerment** of over 57% unbanked population (95 mil – \$230 billion opportunity).




LACK OF NECESSARY INFRASTRUCTURE

MANDATE

To help create e-Government solutions and develop
Africa's first integrated Smart Border system
with secure open and seamless
Trade, Transportation And Travel



PEACE, PROSPERITY AND
REGIONAL INTEGRATION



SMART BORDER SOLUTION

Integrated Cross-Border Customs Clearing Model
for Smart and Seamless Trade and Travel Using
Nuclear Detection Technologies



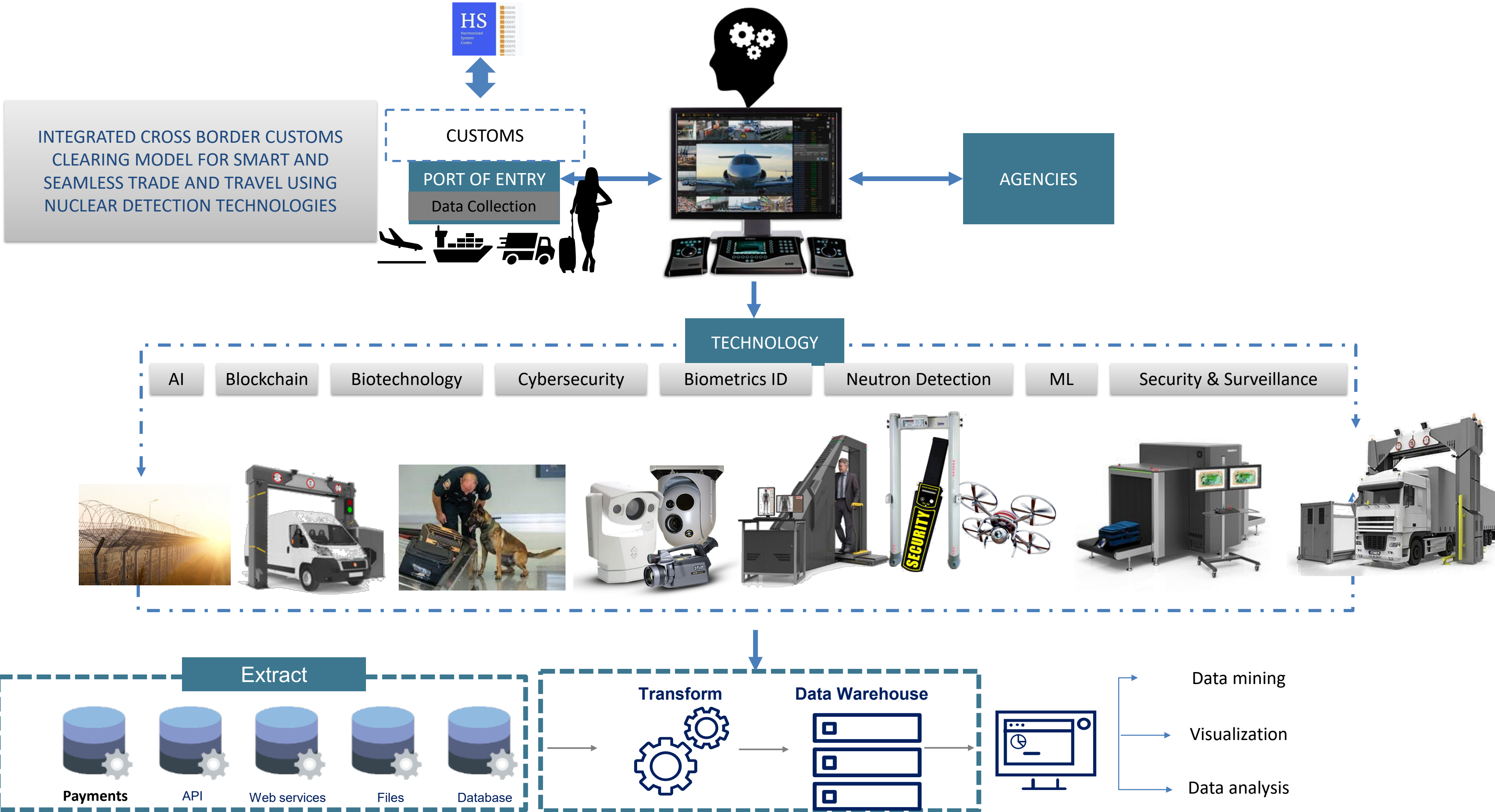
KEY COMPONENTS OF NUCLEAR TECHNOLOGIES

SMART BORDER FRAMEWORK



We consider country specific level of advancement and customize to recreate different layers of smartness to enhance current border management, as we transition to a more agile infrastructure. The smart border framework would include:

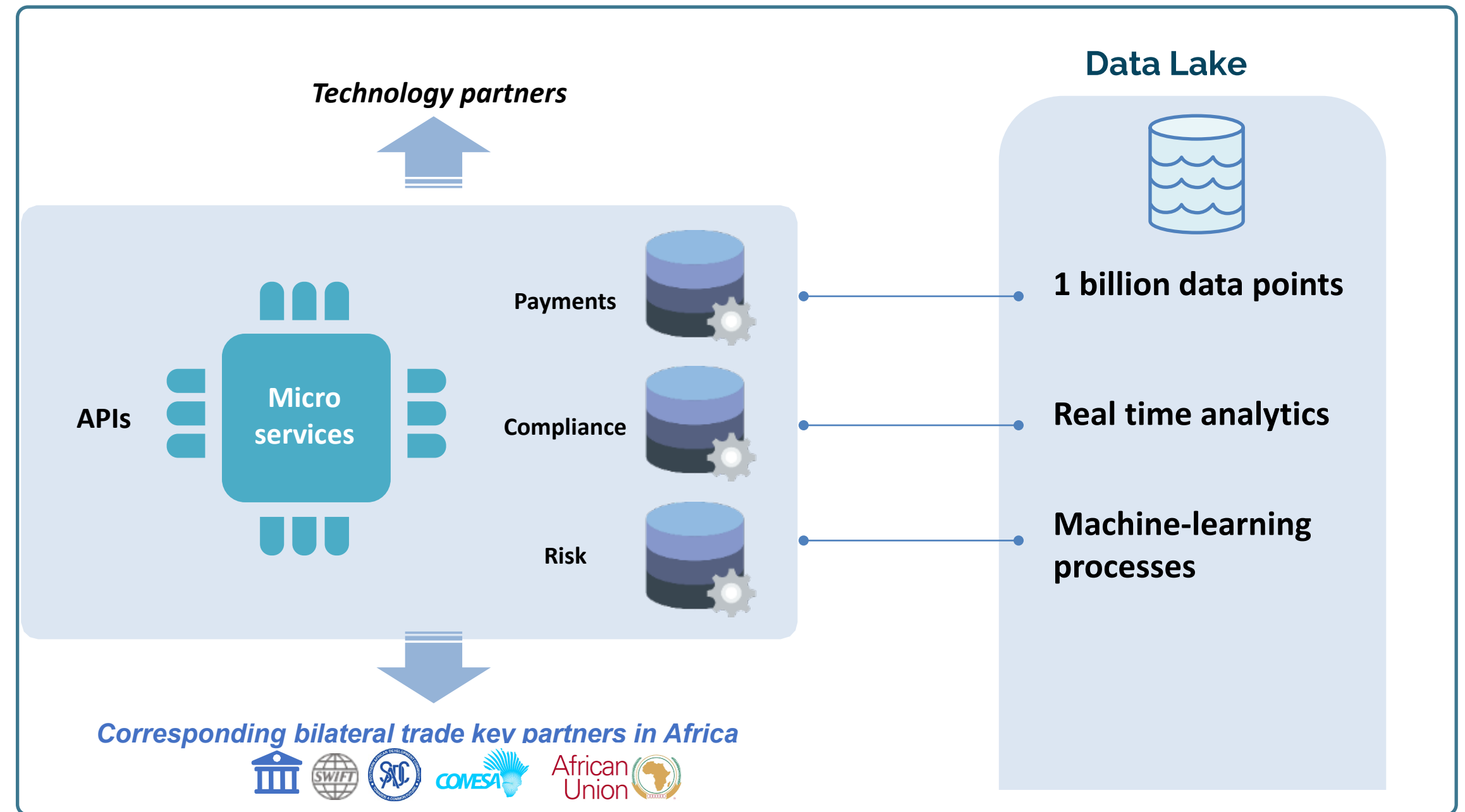
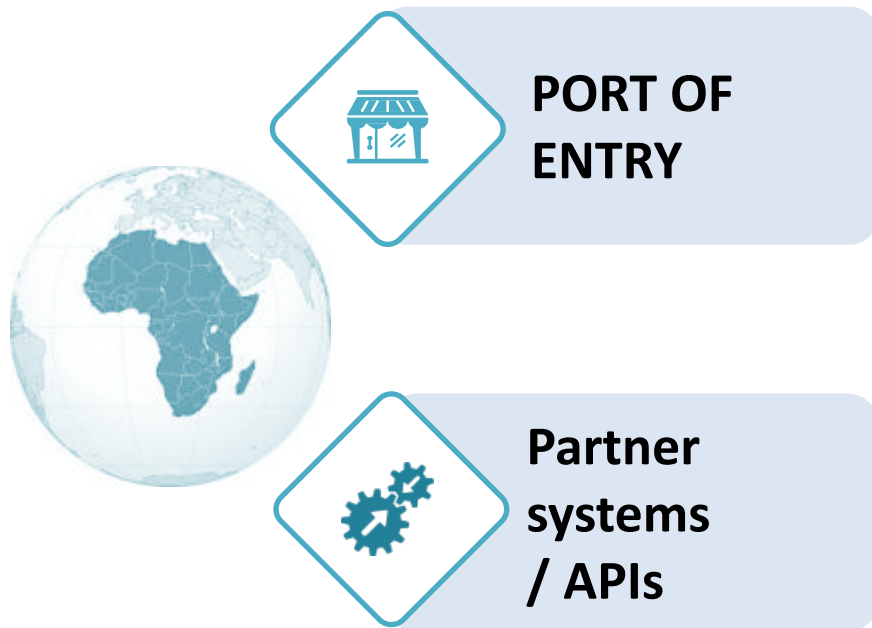
- SMART Identity Management
- SMART Inspection System
- Monitoring and Surveillance systems



Integrated Cross-Border Customs Clearing Model

Back End infrastructure: Utility

Front End interfaces: Usability



Secure

ISO27001, PCI DSS,
GDPR Compliant

Scalable

Can manage 3x volumes
with existing infrastructure

Flexible

Cloud First Accessible
globally

Benefits of Nuclear Detection Technologies

- ✓ **Enhanced Security** – in one digital platform
- ✓ **Nuclear Terrorism Prevention** – risk of catastrophic events
- ✓ **Border Control Efficiency** - Faster and more accurate screening
- ✓ **Trade Facilitation**- economic growth and international trade partnerships.
- ✓ **Lever big data & efficiency metrics** – for the digital era
- ✓ **Reduced Risk to Public Health** – Prevent smuggling of radioactive materials

CHALLENGES IN IMPLEMENTATION

- ✓ **High Costs and limited resources**
- ✓ **Lack of adequate infrastructure**
- ✓ **Training**
- ✓ **Data Management**
- ✓ **Interoperability**
- ✓ **Regulatory framework**




Case Studies


UNITED ARAB EMIRATES: SMART GATES



Self service



No additional fees



Faster processing time



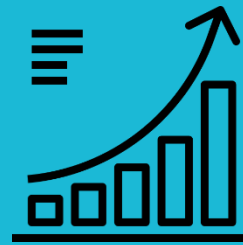
Collaborative border management

Adoption by both domestic stakeholders, security agencies, and neighboring countries for effective smarter border management

SMART GOVERNMENT



What it means to each of us individually?



**Growth
opportunities**



**Harmonized
ways of working**



Collaboration



Our journey to digitalise e-Governments
and revolutionise trade, transport and
travel has just started ...

We hope we can work together to create this
solution for a better-connected **AFRICA.**

Imagine Smart Cities

Future Enabled

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Q & A

Thank You

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