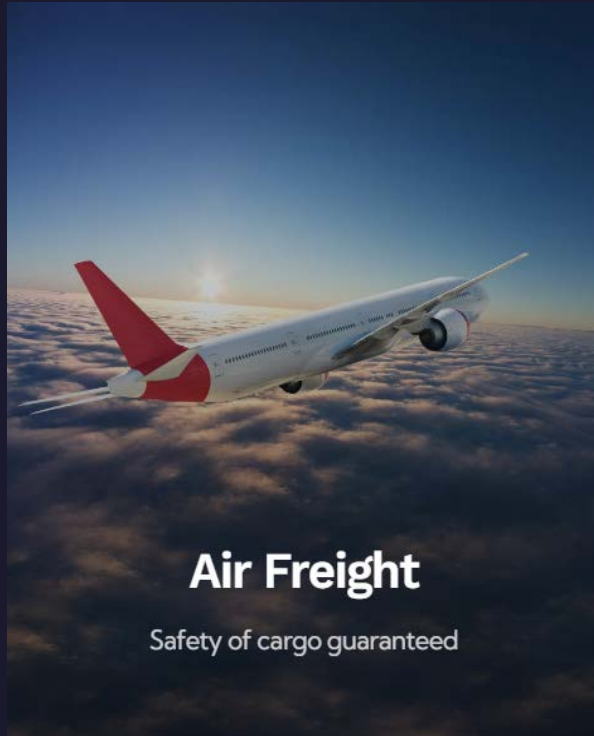


Connecting Port & Customs to Business through digitalization

- MACCS Profile
- Role of MACCS in the Trade Community
- MACCS Portfolio of Services
- MACCS Cloud environment
- Customs linked to the Business Community
- Maritime Single Window
- MACCS Digital Transformation RoadMap





Appointed by the Government of Mauritius under the Customs Act

- Public Private Partnership**
- Government of Mauritius
 - Mauritius Chambers of Commerce
 - Mauritius Export Association
 - Mauritius Port Authority
 - Cargo Handling Corporation

- MACCS is a trade facilitator in the cargo community. It operates the Cargo Community System to facilitate trade operations in Mauritius.
- Benefits in the Trade Community:
 - Security
 - Efficiency
 - Visibility
 - Transparency
 - Seamless Data Exchange

MACCS since 2008

MACCS Role in the Trade Community

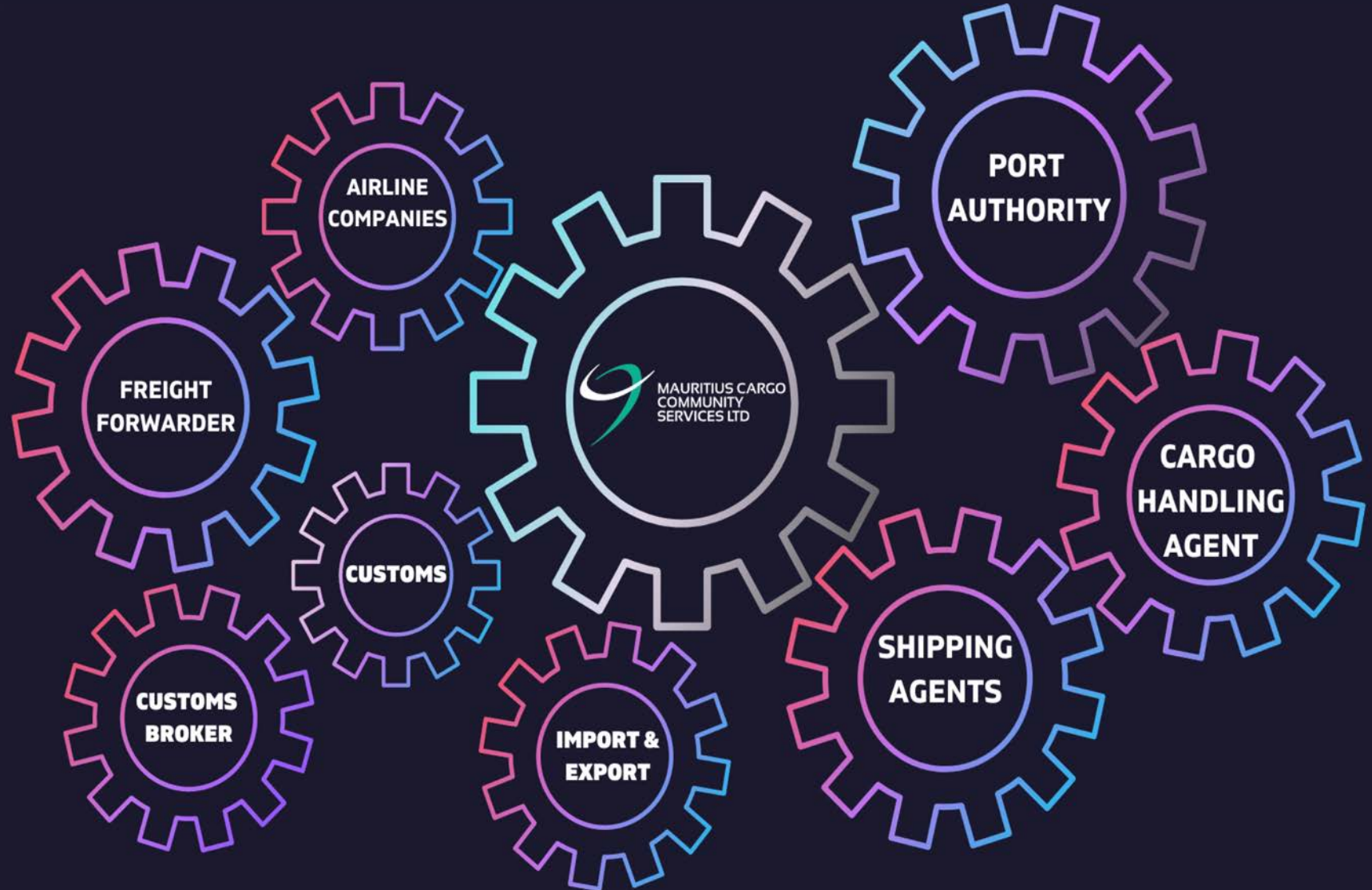


- Manage Trade information at source and disseminate to our stakeholders (Manifest, AWB)
- A strategic partner with local authorities to implement National Trade related ICT projects
- To promote Trade Facilitation through Digital Transformation.
- To automate Business Processes, provide Real Time Information, reduce dwell time and cost..
- Be a leader in providing World Class Trade Community Services & IT Solutions.
- Adopt the international best practices: WCO Safe Framework of Standards, Data Model, Single Window Concepts, Non-Intrusive Inspection, IoT and Analytics

MACCS Role in the Trade Community

A key driver to catalyze automation of processes, data exchange and provide real time information to the stakeholders in the trade supply chain.

Building the Trade Ecosystem
(Customs, Port and the Business Community)



MACCS Portfolio of Services



1. Cargo Community Services

- Ocean Import & Export - Integrated information system operating in real time for Cargo stakeholders.
- Air Import & Transshipment - Linking all Air stakeholders along the logistics chain, speed movement of goods being imported, exported or transhipped

2. E-Bunkering

- Streamlining the bunker booking procedure by shipping lines and agents with suppliers of bunker

3. Vessel Clearance System

- Port clearance facilities for vessels entering/leaving the territorial waters

4. Warehouse Management System

- A web-based WMS to manage Imports

5. MACCS Dashboard

- Visibility on shipments tracking to minimise dwell time

6. Freight Forwarding System - MFreight

- Internal system for Freight forwarders.

7. Ground Handling Agent (GHA) System

- Manage Import/Export of cargo for GHA

8. Ground Sales Agent (GSA) System

- Electronic submission of trade documentation such as flight manifest for multiple airlines represented by GSA. Generate electronic papers such as Notice of Arrival and Delivery Request

9. WCO Trade Facilitation e-Services

- MACCS Consultancy and technical support on e-Certificate of Origin, Advance Ruling,

10. Development of e-Learning modules

- In-house e-Learning module development
- Hosting of Learning Management System on Moodle

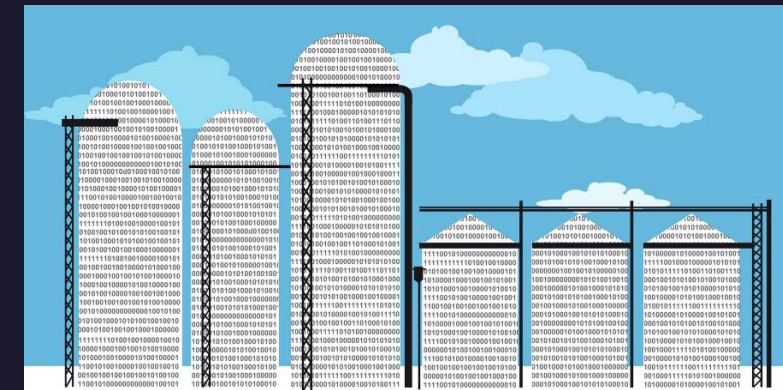
ORACLE partner in Cloud Infrastructure

MACCS promotes cloud computing with its Software as a Service (SaaS) Model to its clients



Challenges: Information Systems in Silos

- Authorities & Private sector in the Trade community are operating Information Systems in silos
- Stakeholders submitting same information & documents to various authorities for approval
- Trade related payments are conducted at various controlling agencies
- Multiple system login to complete and submit a trade application (multiple entry of data)
- Inconsistency in document submission
- Delay in application process and consignment clearance
- Increase in dwell time and cost of trade



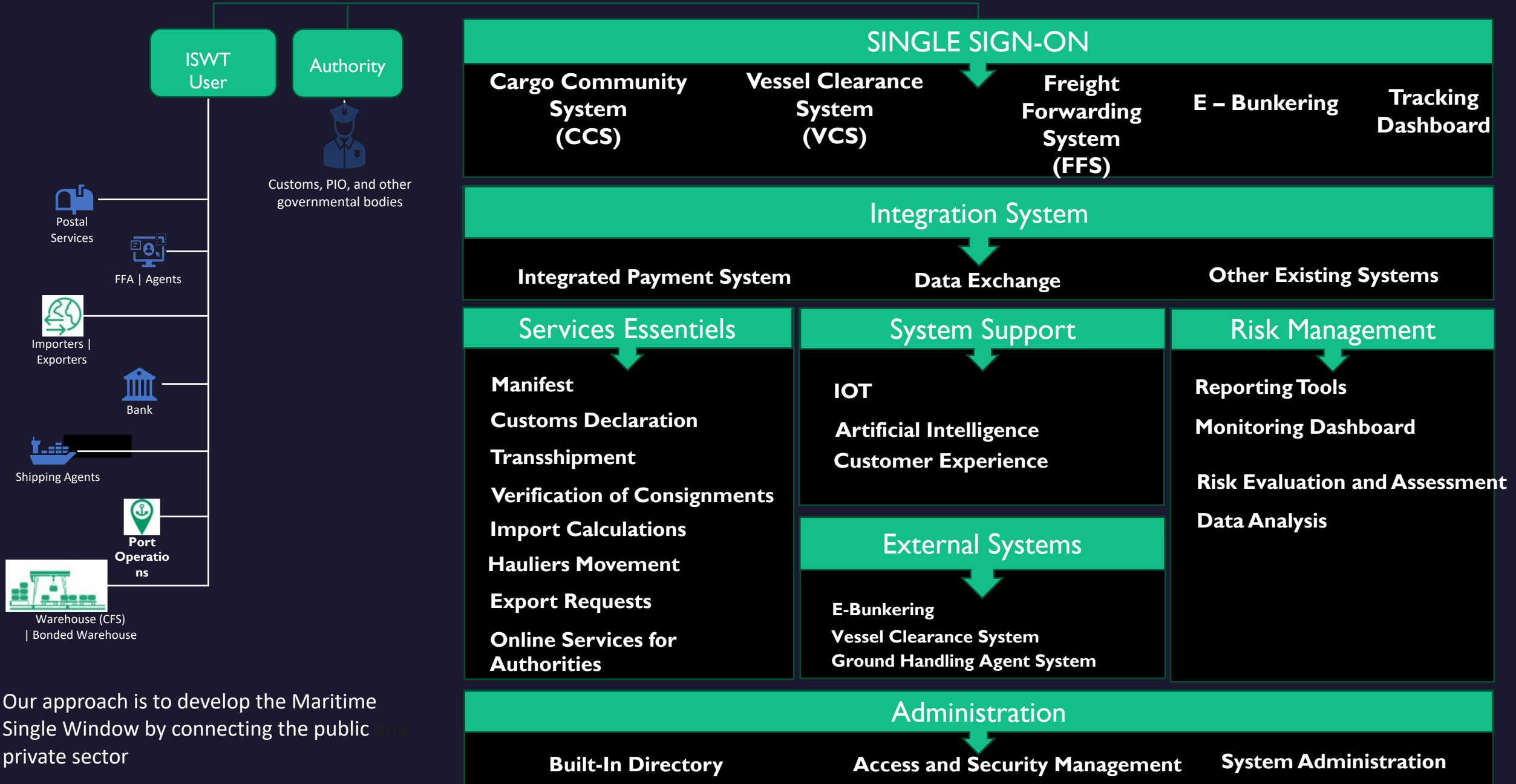
Information Systems in Silos

Port & Customs linked to Business

- Business partners Information Systems should interface with Customs & Port System to submit information and relevant trade documents once.
- A Single Sign On platform for the Trade Community with common electronic payment gateway, registration & other shared services
- Trade Single Application accessible via mobile device with alert mechanism
- Single submission of application for processing by controlling agencies
- Single Repository of Trade Documents
- Automated Time Release Study alerting process delay



Maritime Single Window



Our approach is to develop the Maritime Single Window by connecting the public private sector

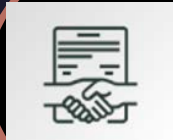
MACCS ROADMAP 2025-2027

Capacity Building

- Talent Management
- Research and Development
- Employee Mobility
- Productivity and Collaboration

Promote our integrated solutions at Regional Level

- Standard solution to promote G2G and C2B
- Implement best practices
- Assist regional administrations in developing optimum solutions at affordable cost



Stakeholders Engagement

- Discuss the future of Trade
- Be a Partner in Trade
- Customer Experience
- Need Analysis



Build Integrated System for the Trade Community

- Integrated Trade Single Window
- Automate Business Process
- Build AI Based Applications
- GO Serverless – SaaS Cloud Computing
- Data Analytics
- Internet of Things
- Block chain to secure specific processes (Rules of Origin)





Connecting Port & Customs to
Business through digitalization



Thank You