Republic of Rwanda
Ministry of Health

RWANDA DIGITAL HEALTH GOVERNANCE

**PRESENTED BY DIGITAL HEALTH
BUSINESS ANALYST**

December 2024

Overall Strategic Framework – Health Sector

The Rwanda We Want: *Prosperity and High Quality of Life for All Rwandans*
- Economic Growth and Prosperity
- High Quality and Standards of Life for Rwandans

VISION 2050

Universal access to high quality health care

Mission: *To provide and continually improve affordable promotive, preventive, curative and rehabilitative health care services of the highest quality, thereby contributing to the reduction of poverty and enhancing the general well-being of the population.*

HSSP-4 Priorities	Health Services and Programs	Coverage of essential health interventions	Health Systems – Service Delivery
	• Nutrition • Community Health • ASRH & GBV • Family Planning	• Infectious diseases • NCDs • Mental Health • Health promotion & environmental health • Health security (Epidemic surveillance)	• Health Workforce (HRH) • Medical products & Commodities • Leadership and Governance • Service delivery • Health Information Systems • Health Financing

Systems: Information Systems, Apps, Platforms, Data& Analytics, AI

Enabling Environment: Governance, Human Resources, Policies and Regulations

Infrastructure: IT Infrastructure, Connectivity, Cloud and Cybersecurity

The ICT governance

Rwanda has made significant investments in building a *robust telecommunications network* and *increasing Internet Connectivity*, *laying the foundations for widespread digital access*.

The Role of the Ministry of ICT

Policy Formulation ➤	MINICT is responsible for developing and implementing policies related to information communication technology. This includes strategies to enhance ICT infrastructure, promote digital literacy, and foster innovation in the ICT sector.
Regulation and Compliance ➤	The ministry is involved in creating and enforcing regulations related to ICT activities, ensuring compliance with national standards and legal frameworks.
Infrastructure Development ➤	MINICT is involved in initiatives to develop and upgrade ICT infrastructure, including broadband networks, to enhance connectivity across the country.
Digital inclusion ➤	The ministry may work towards promoting digital inclusion by ensuring access to ICT resources and technologies for all segments of the population
Innovation and Startups ➤	MINICT may support and encourage innovation in the ICT sector, including the development of startups and entrepreneurship in technology-related fields.
Cybersecurity ➤	Ensuring the security of information and communication systems is likely a significant aspect of MINICT's responsibilities, including measures to protect against cyber threats.
Implementation of National Strategies ➤	The ministry may play a key role in implementing national development strategies, such as the National Strategy for Transformation (NST), with a focus on integrating ICT into broader development goals.

The Role of RISA(the Agency of MINICT)

- **RISA** oversees the implementation of Smart Rwanda Master Plan initiatives

- **RISA** has the mission of digitalizing the Rwandan society through increased usage of ICT and innovation technology as a cross-cutting enabler for the development of other sectors.

- **RISA** leads Rwanda's digital and social economic transformation.

- **RISA** Coordinates the implementation of projects that deliver information and communication technology services,

- RISA is also in charge of digitalizing government services and ensures that they are easily accessed by the citizens.

MINICT affiliated agencies : **RISA**: Rwanda Information Society Authority , **RURA:** Rwanda Utilities Regulatory Authority, **C4IR**: Centre for the Fourth industrial revolution, **NCSA**: National Cyber Security Authority, **RSA**: Rwanda Space Agency, **NPO**: National Post Office, **NIDA**: National Identification Agency

Chief Digital Officer position

The CDO Structure's vision within the Government of Rwanda aims to utilize digital transformation initiatives for **enhancing service delivery**, **boosting efficiency**, and **fostering economic growth across** all sectors.

The concept of "**shared services**"

The core idea involves aligning institutions with **similar mandates into sectors**, where a "sector" denotes a leading Ministry with its affiliated agencies operating in the same line of business.

This Strategy revolves around **shared IT services** and **personnel** to cater to the **collective needs and plans of the entire Sector**. Ministries with shared IT units are overseen by either a Chief Digital Officer or an IT Business Analyst.
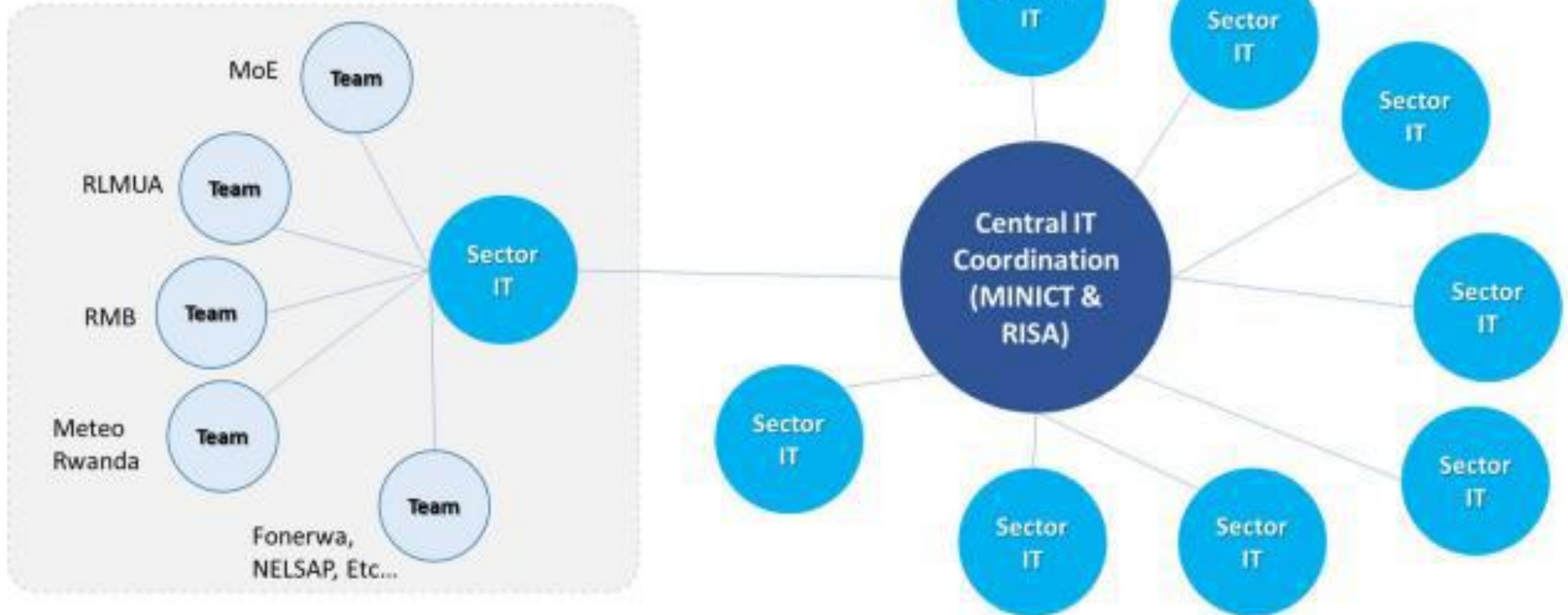
Chief Digital Office – For other sectors

	Education	Health	Justice	Local Gov		Agriculture
13 SECTORS	**Sector IT Team:** • Chief Digital Officer • Network Expert • Business Analyst • Senior Developers • Sys. Admin • Developers • Database Administrators • IT Help Desk	**Sector IT Team:** • Chief Digital Officer • Network Expert • Business Analyst • Senior Developers • Sys. Admin • Developers • Database Administrators • IT Help Desk	**Sector IT Team:** • Chief Digital Officer • Network Expert • Business Analyst • Senior Developers • Sys. Admin • Developers • Database Administrators • IT Help Desk	**Sector IT Team:** • Chief Digital Officer • Network Expert • Business Analyst • Senior Developers • Sys. Admin • Developers • Database Administrators • IT Help Desk	• • •	**Sector IT Team:** • Chief Digital Officer • Network Expert • Business Analyst • Senior Developers • Sys. Admin • Developers • Database Administrators • IT Help Desk

Centralized IT Support

MINICT , NCSA & RISA	Network & Connectivity	Data Center & Cloud	IT Security	Software Development	Enterprise Architecture	Digital Innovation	IT Strategy

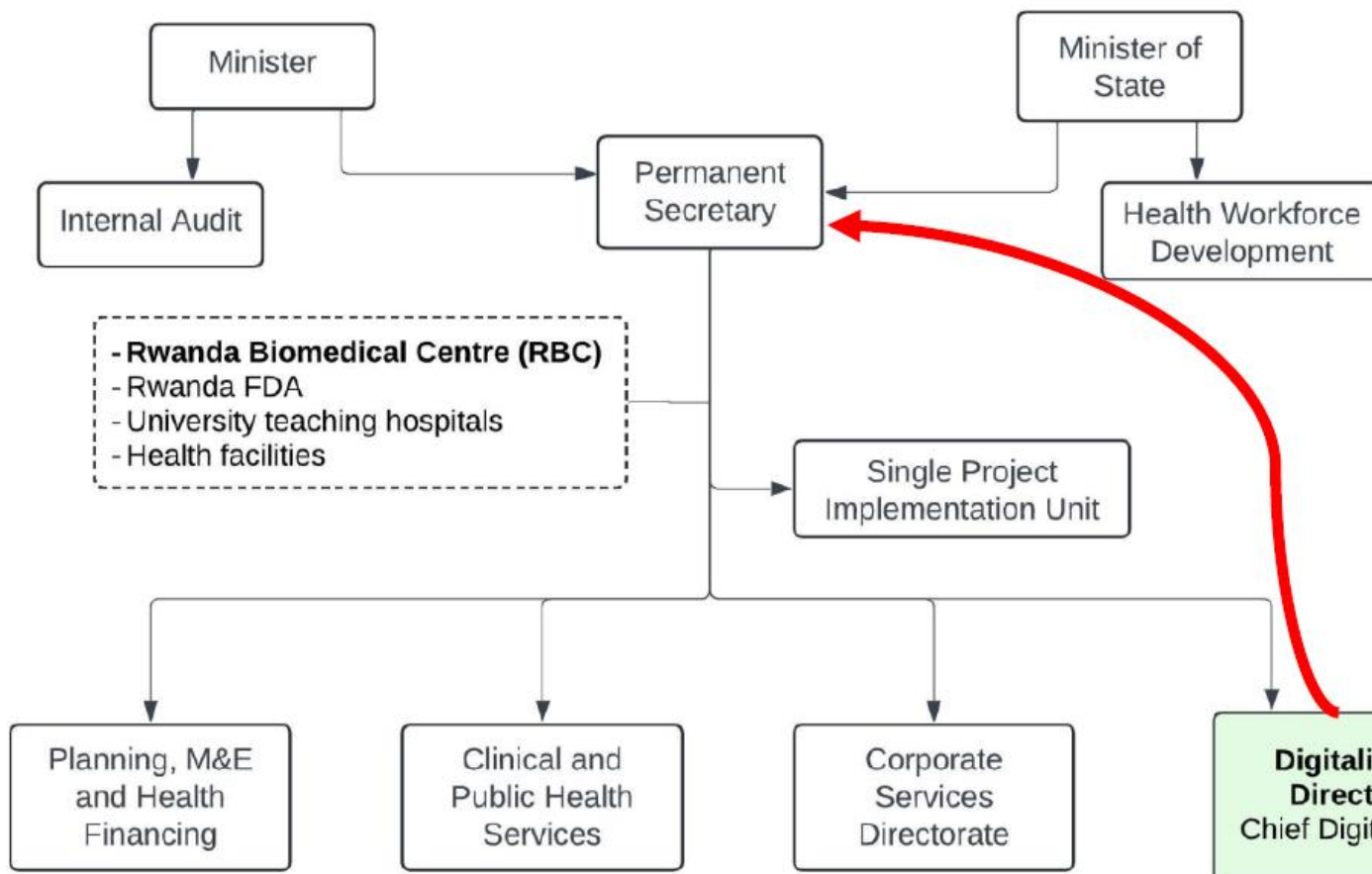# Example of a sector IT: case of the Environment and Disaster Management Sector

Example of a Sector IT (Environment and Disaster Management Sector) Institutions under the "Environment and Disaster Management" Sector include the Ministry of Environment, Rwanda Land Management Authority, Rwanda Mining Board, Meteorological Agency and other affiliated institutions
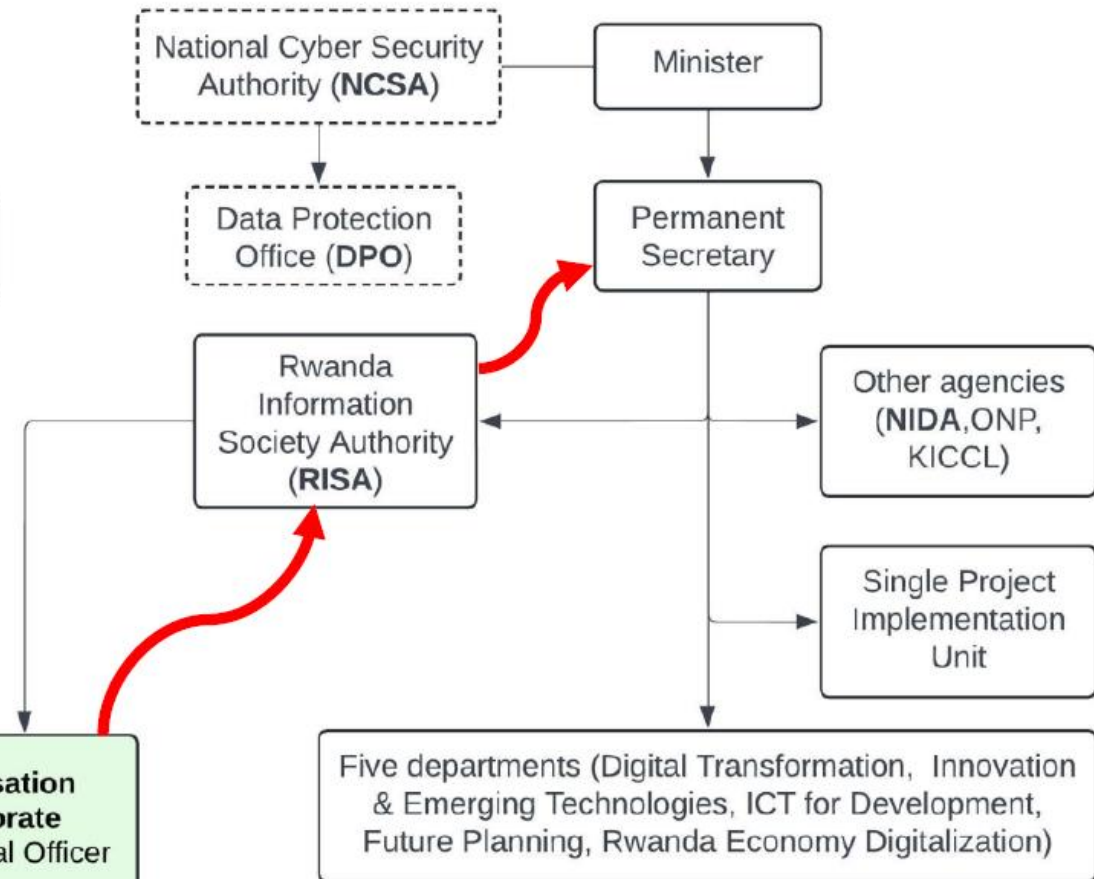
Digital Health Governance Structure

Chief Digital Office Responsibilities

REPUBLIC OF RWANDA

Office of the Prime Minister

Communiqué

On Tuesday, September 21st 2021, His Excellency Paul KAGAME, the President of the Republic of Rwanda chaired a Cabinet meeting at Urugwiro Village.

Ministry of ICT and Innovation:

- **Mr. Sylvere Mugumya**, Business Analyst/MINISANTE
- **Ms. Carlene Seconde Umutoni**, Business Analyst/MINEDUC
- **Mr. Jean Florent Kwizera**, Business Analyst/MINECOFIN
- **Mr. Ngenzi Jean-Paul Kirenga**, Business Analyst/MINICOM
- **Mr. Eric Ngabo**, Business Analyst/MINAFFET
- **Mr. Athanase Akumuntu**, Business Analyst/MoE/MINEMA
- **Mr. Emmanuel Amani Kayitaba**, Business Analyst/MININFRA
- **Mr. Patrick Dushimimana**, Senior Software Developer/MINEDUC
- **Mr. Leon Mwumvaneza**, Senior Software Developer/MINEDUC
- **Mr. Daniel Musengimana**, Senior Software Developer/MINICOM
- **Mr. Zigama Didier Uwantwali**, Senior Software Developer/MINIJUST
- **Mr. Andrew Muhire**, Senior Software Developer/MINISANTE

- ***Oversee the digital transformation*** needs and ensure that they support the entire Sector's vision and goals.

- Responsible for planning, implementing and managing the overall use of Information technologies in the sector.

- Streamlining operations by implementing relevant technologies.

- ***Developing technological systems*** that will improve customer satisfaction.

- Managing the information technology department.

- In-charge of setting up an innovation-friendly environment driven by digital adoption.

Ecosystem Structure

Republic of Rwanda
Ministry of Health

THANK YOU