



The Community Information Service Operator Network

Background & Mission Overview

Creating Employment Opportunities
Through
The Mission of Linking Industry To Education

And The Concept of

Learning For Purpose : Learning By Doing : Learning From Example and Learning As You Earn

The Art & Science of

Data Collection : Information Processing : Intelligence Analysis & Report Generation

For Decision Support In

Solution Modelling & System Building

Addressing Industry Needs In

Health & Agriculture : Housing & Infrastructure : Learning & Education : Trading & Governance



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LEARNING FOR PURPOSE

Every year, approximately 500,000 young people graduate from universities, colleges, technical institutes, vocational training centres, and other tertiary institutions and enter the economy seeking meaningful work. Many hold qualifications in engineering, information and communications technology, business and strategy, agriculture, health, community development, quality assurance, and environmental management. They leave the education system motivated to contribute at a professional level, to design and build systems, and to apply their learning to challenges that matter to society and the economy.

For many, this ambition is quickly confronted by a difficult labour market. Kenya's overall unemployment rate is estimated at about 12.7 percent, but youth unemployment is significantly higher, with estimates for those aged 15–34 reaching over 60 percent. Each year, more than one million young people enter the labour force, yet formal job creation has not kept pace. As a result, many graduates remain unemployed or underemployed, competing for a limited number of traditional public-sector roles or drifting into informal work that does not reflect their training or potential.

This situation exists alongside major untapped opportunity. Nearly every modern sector now depends on information and communication systems to function effectively. Health, agriculture, housing and infrastructure, education, governance, trade, and security all rely on data collection, information processing, intelligence analysis, and decision-support systems to improve outcomes and efficiency. The ICT sector is among the fastest-growing globally and already contributes more than 10 percent of Kenya's GDP, yet there remains a shortage of

professionals with practical, applied skills who can design, deploy, and operate these systems in real environments.

CisoNet was created to bridge this gap by aligning learning with purpose and employment with productivity. It offers graduates a pathway to enter the industry not as passive job seekers, but as active contributors to real solutions. Through structured onboarding, mentorship, and hands-on project work, participants apply their academic knowledge while continuously learning alongside experienced professionals who understand both technology and sector-specific needs. This approach enables young professionals to gain practical experience in areas such as data centre operations, application development, systems integration, client support, and advisory services for digital and smart infrastructure.

Joining CisoNet means becoming part of a growing ecosystem that builds systems essential to economic growth while creating sustainable careers. It is an opportunity to turn education into impact, skills into value, and ambition into measurable contribution. For graduates seeking more than a job — those who want to learn by doing, grow with purpose, and help shape the digital backbone of the economy — CisoNet offers a clear and credible path forward

.OVERVIEW OPPORTUNITY EXPRESSION MOTION

We expect those who are looking for challenging employment opportunity to start by joining us through promotional adverts,

empowerment events, word of mouth, search engine optimization and social media

After joining by filling into the provided form, you will scan the site and notice that unlike many other sites, it is not complete and optimized. It requires service providers to enhance and support it in meeting its publishing, financing, training, networking and most importantly support for its clients obligations. This should speak for the available yet challenging and fulfilling information and communication sectors employment opportunities.

If you find an area of interest that aligns to your background then you will apply to join the CisoNet team to provide the associated solutions. If you are not interested in any of the areas then you do not need to continue engaging with CisoNet but you can remain as a client. If you are interested but it is not clear how your background relates to the opportunities then you are invited to participate in the onboarding online meeting for further clarifications.

Those who qualify to join the CisoNet Team will then be required to produce an opportunity expression statement clearly stating the problem and solution they want to offer and how they want to be enabled either as affiliates, financing, employment contracting and/or a stipend donation to assist when participating in further learning through LEARNEX and its collaborating institutional partners.

When the opportunity expression has been accepted for implementation, then you will work together with the CisoNet experts to produce a budget and terms of project implementation while assessing your capabilities and capacity to provide its solution including the required resources including material, human resources, financial and time. In the event that the requirements for delivering the solution exceed your internal

capacity then there will be a negotiation to establish your role in the project.

Where the viability of a project is established from the opportunity expression statement, then a project manager will enter into a delivery agreement with CisoNet. The project can be delivered through affiliation when the project manager a so in yous , then approved of an ear however shows a structured organization

EMPLOYMENT OPPORTUNITY IN THE INDUSTRY

1. Purpose and Vision of CisoNet

CisoNet is envisioned as a nationally relevant information and communication ecosystem that enables enterprises and public-interest institutions to function more intelligently, efficiently, and transparently. Its primary aim is to position information as a strategic resource—captured once, shared securely, and applied repeatedly to solve real societal and economic challenges. By integrating digital systems across key sectors such as health, agriculture, housing, infrastructure, education, governance, trade, and security, CisoNet seeks to catalyze inclusive growth, innovation, and resilience. The initiative aligns with broader development priorities by strengthening institutional capacity, improving service delivery, and creating a foundation for evidence-based decision-making at enterprise and policy levels.

2. Sector-Focused Information and Communication Enablement

CisoNet is designed to serve diverse sectors through a unified yet adaptable information and communication framework. In health and agriculture, it enables coordinated data collection, monitoring, and analytics to improve outcomes and productivity. In housing and infrastructure, it supports planning, project lifecycle management, and asset intelligence. In education and learning, it underpins digital learning environments, skills

development, and institutional management. Within governance, trading, and security, it enhances transparency, compliance, intelligence sharing, and coordinated operations. This sector-focused but interoperable approach ensures that enterprise clients deploy solutions aligned with regulatory expectations and operational realities, while contributing to a broader national data and communication ecosystem.

3. Enabling Infrastructure and Operational Architecture

The realization of CisoNet is anchored on strategic digital and physical infrastructure. A central data center provides secure, scalable computing, storage, and connectivity services that form the backbone of the ecosystem and meet policy expectations around data sovereignty and resilience. A dedicated tech hub functions as a space for innovation, solution modeling, testing, and skills transfer, linking industry needs with technical talent. The operations CisoNode serves as an extension services platform, supporting enterprise clients through continuous monitoring, analytics, optimization, and technical support. Complementing this are distributed client operations network nodes that integrate individual enterprise systems into the wider CisoNet framework, ensuring localized responsiveness within a nationally coherent system.

4. Employment Creation and Sustainable Digital Ecosystem

Beyond technology deployment, CisoNet is a deliberate strategy for employment creation and ecosystem development. The planning, construction, and operation of its infrastructure will generate opportunities for project managers, consulting engineers, contractors, and technicians. Solution modeling, system design, and implementation will engage application developers, data specialists, system architects, and cybersecurity professionals. Ongoing operations and extension services will create sustained demand for analysts, trainers, and sector-focused consultants. By linking digital system development to real enterprise and public-sector needs, CisoNet supports a virtuous cycle where professionals earn through meaningful work, institutions gain operational capacity, and the nation benefits from a resilient, policy-aligned digital infrastructure.

' EMPLOYMENT OPPORTUNITY IN THE INDUSTRY

1. Activities

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