



## 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



All Rights Reserved

# LEARNING FOR PURPOSE

*Turning Education into Productive Capability*

## The Challenge

- **500,000+ graduates annually** enter the economy
- Youth unemployment exceeds **60%**
- Strong academic training, **limited practical absorption**
- Talent underutilised despite national development need

## The Opportunity

- All critical sectors now rely on **ICT & data systems**:
  - Health • Agriculture • Infrastructure • Education • Governance
- ICT contributes **10%+ of Kenya's GDP**
- **Gap**: shortage of professionals with applied, real-world skill



## The CisoNet Solution

- Aligns **learning with purpose** and **work with productivity**
- Graduates join as **active contributors**, not job seekers
- Delivered through:
  - Structured onboarding & mentorship
  - Hands-on projects in live environments
  - Continuous learning with industry practitioners



## Practical Skills & Impact

- Data centre operations
- Application development & systems integration
- Digital infrastructure support & advisory
- Real solutions for real clients

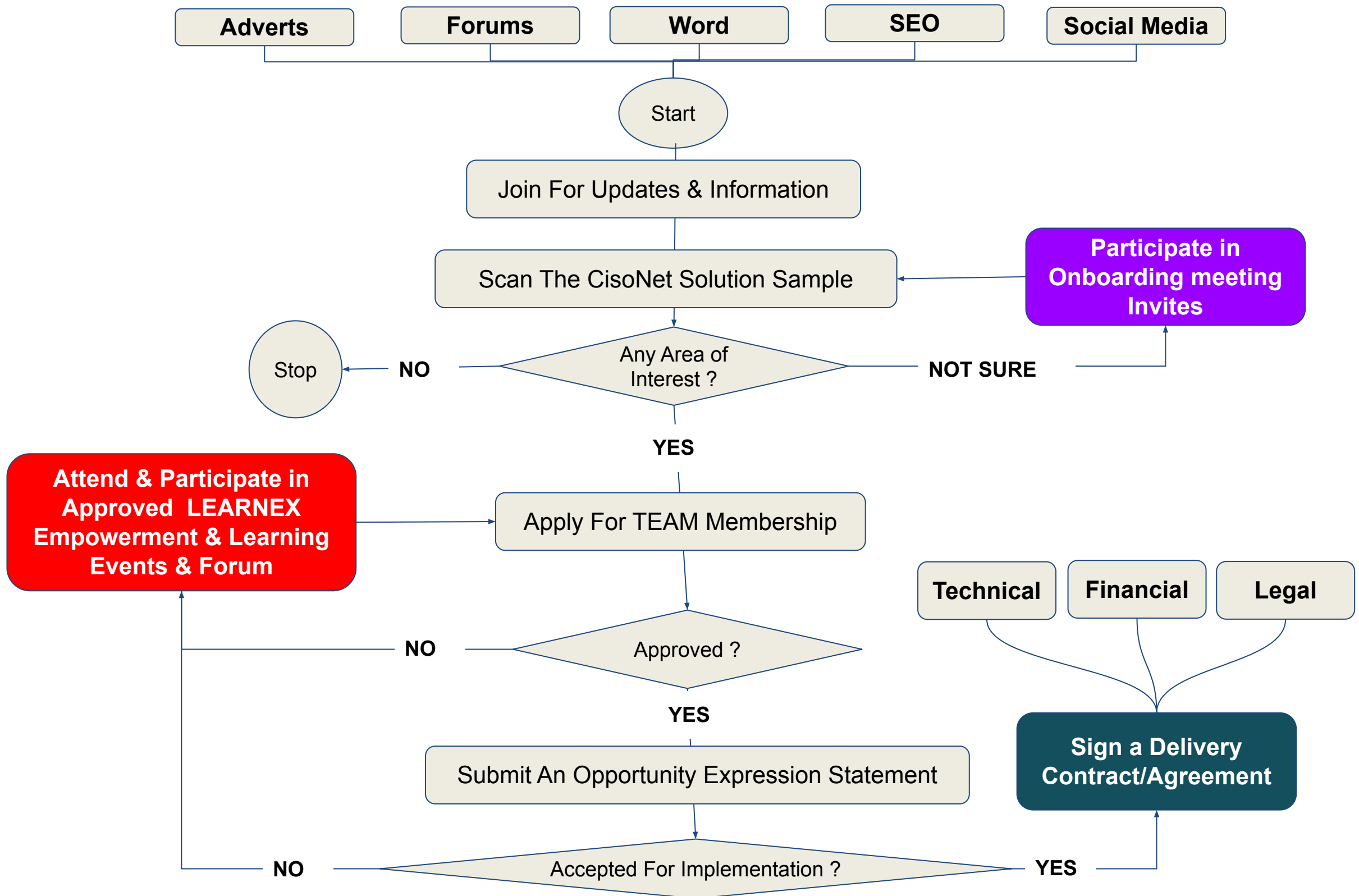


## The Outcome

- Sustainable careers for young professionals
- Industry-ready talent for the economy
- Systems that power national growth

**Learn by doing. Grow with purpose. Build what matters.**

# OPPORTUNITY EXPRESSION MOTION ROADMAP



# **Purpose of the Roadmap**

- **Provide a clear pathway from interest to contract**
- **Match skills to real information & communication sector needs**
- **Ensure commitment, productivity, and delivery impact**
- **Enable sustainable employment and innovation**

## **Entry into CisoNet ( How Opportunities Are Discovered)**

- **Adverts, empowerment events, referrals**
- **Search engines and social media**
- **Interested individuals register via the CisoNet platform**

## **Platform Exploration ( Understanding the Opportunity)**

- **Platform intentionally has visible gaps**
- **Gaps represent real needs in:**
  - **Publishing & communication**
  - **Financing & structuring**
  - **Training & networking**
  - **Client obligation support**
- **Signals depth and scale of opportunity**

## **Alignment & Interest (Decision Point)**

- **Apply to join the CisoNet Team if aligned**
- **Remain a client if not interested**
- **Attend onboarding clarification session if alignment is unclear**

## **Qualification & Enablement (Joining the CisoNet Team)**

- **Qualified applicants proceed as solution contributors**
- **Engagement may include:**
  - **Solution delivery**
  - **Learning through LEARNEX**
  - **Collaboration with institutional partners**

## **Opportunity Expression (Core Gateway Requirement**

**Participants submit an Opportunity Expression Statement outlining:**

- **Problem definition**
- **Proposed solution**
- **Preferred enablement model: ( Affiliate; Financing; Employment contract Initiative-based support during learning)**

## **Evaluation & Structuring (From Idea to Viable Project)**

- **Joint development of Budget & Implementation terms**
- **Assessment of capacity ( Skills; Resources; Time and finance**
- **Role adjustments where capacity gaps exist**

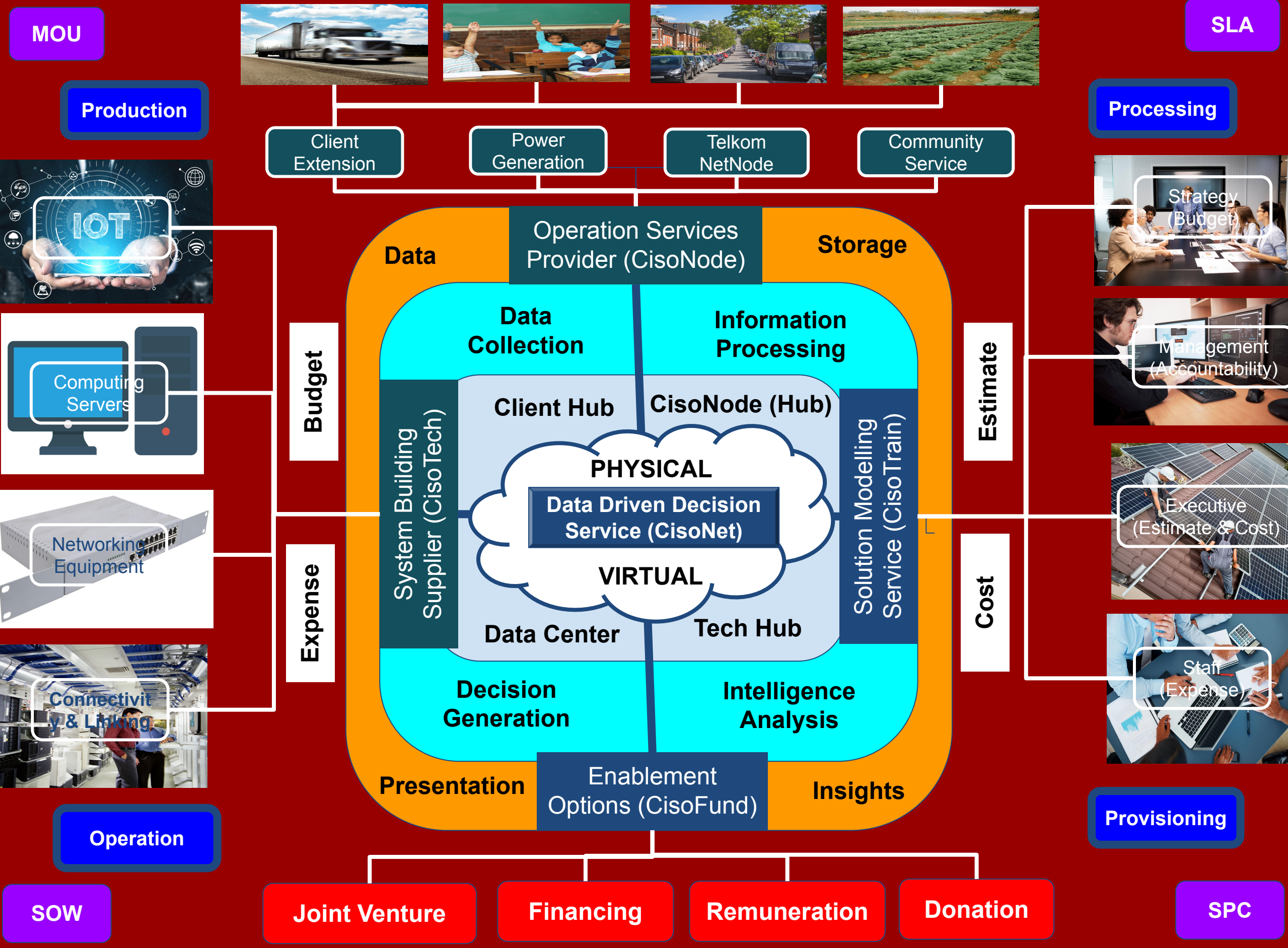
## **Contractual Engagement (Project Activation)**

- **Project viability confirmed**
- **Project Manager appointed**
- **Delivery agreement executed as: (Employment; Financed engagement; Shared affiliation model)**

## **Impact & Outcomes (Why This Model Matters)**

- **Drives accountability and productivity**
- **Delivers effective client solutions**
- **Creates sustainable employment**
- **Encourages innovation, creativity, and critical thinking**
- **Supports environmental conservation and climate mitigation**







# SOLUTION STRATEGY

## 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

## 2. CisoNet

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

## 3. SolutionModelling

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 CosoNode serves as an extension services platform,.

## 4. System Building

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,

## 5. Operations

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

## 6 Enablement

through meaningful work, institutions gain operational capacity, and the nation benefits from a resilient, policy-aligned digital infrastructure 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 .

# OPERATION SERVICE PROVIDER (CisoNet)

## 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

## 2. Client Extension Servicet

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

## 3. Energy Genetation

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 CosoNode serves as an extension services platform,.

## 4. Telkom Netnode

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,

## 5. Community Service

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

## 6 Enablement

through meaningful work, institutions gain operational capacity, and the nation benefits from a resilient, policy-aligned digital infrastructure 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 .

# DECISION SUPPORT OPERATION

## 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

## 2. Data Driven

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

## 3. Accounting

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 CosoNode serves as an extension services platform,.

## 4. Compliance

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,

## 5. Project Management

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

## 6 Enablement

through meaningful work, institutions gain operational capacity, and the nation benefits from a resilient, policy-aligned digital infrastructure 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 .

Transaction Experience

Affiliate Sharing

Finance Credit

Employment Opportunity

ARID Fund

Building Blocks

Connect &  
Link

Network  
Blocks

Compute &  
Serve

IOT  
Devices

Certificate Skill

Cost &  
Provide

Design &  
Estimate

Dimension  
& Budget

Survey &  
Assess

ENABLEX : CisoNet Empowerment Service

Interpretation : Science

Memorandum of Understanding (MOU)

Foof & Health

Compliance

Mobilization

Quality

Efficiency

CLIENTEX  
(Core Mission)

Impact

Performance

Earning

Production

Shelter & Infrastructure

Service Provider Contract (SLA)

Provision : Services

PROVEX : Affiliate Extension Services

BUILDEX (Data Center)

Operation : Solutions

Operations Warranty (SOEW)

Security & Governance

Learning & Education

Service Level Agreement (SLA)

Integration : Systems

MODEX (TechHub)

Solution Products

Decision  
Publications

Intelligence  
Insights

Information  
Reports

Databases

Certificate Skill

Generation  
Lackages

Analysis  
Platform

Processing  
System

Collection  
Framework

Enterprise  
Programming

Project  
Management

Task  
Execution

Issue  
Service

Qualification Experience

# 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,

## 2. CLIENTEX:

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,

## 3. BUILDDEX

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,.

## 4.MODEX

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,

## 5, PROVEX

system architects, and cybersecurity professionals. Ongoing operations and extension services will create sustained demand for analysts, trainers, and sector-focused consultants.

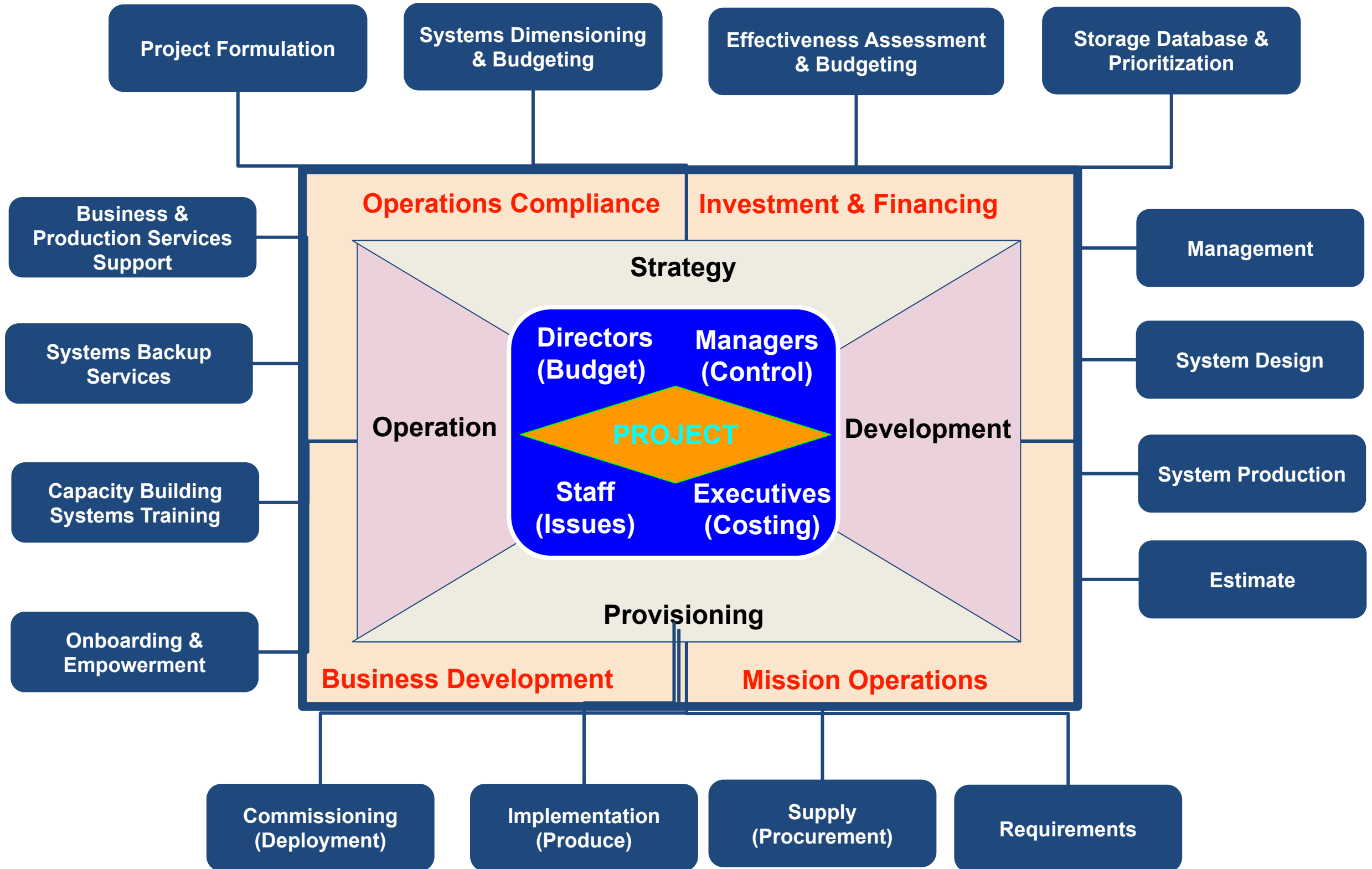
## 6, ENABLEX

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,

## 7, LITEX

and the nation benefits from a resilient, policy-aligned digital infrastructure . .esource—captured once, shared securely, and applied repeatedly to solve real societal and economic challenges. By integrating digital systems across key sectors such as health,

# Affiliation & Employment Opportunities



# 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,

## 2. CLIENTEX:

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,

## 3. BUILDDEX

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,.

## 4.MODEX

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,

## 5, PROVEX

system architects, and cybersecurity professionals. Ongoing operations and extension services will create sustained demand for analysts, trainers, and sector-focused consultants.

## 6, ENABLEX

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,

## 7, LITEX

and the nation benefits from a resilient, policy-aligned digital infrastructure . .esource—captured once, shared securely, and applied repeatedly to solve real societal and economic challenges. By integrating digital systems across key sectors such as health,



# Solution Operationalization



**Client  
Service**

**Analytics  
Applications  
Development**

**Website  
Development**

**Data  
Storage  
Framework**

**GenAI**

**Analytics  
Platform**

**Site  
Builder**

**Information  
System**

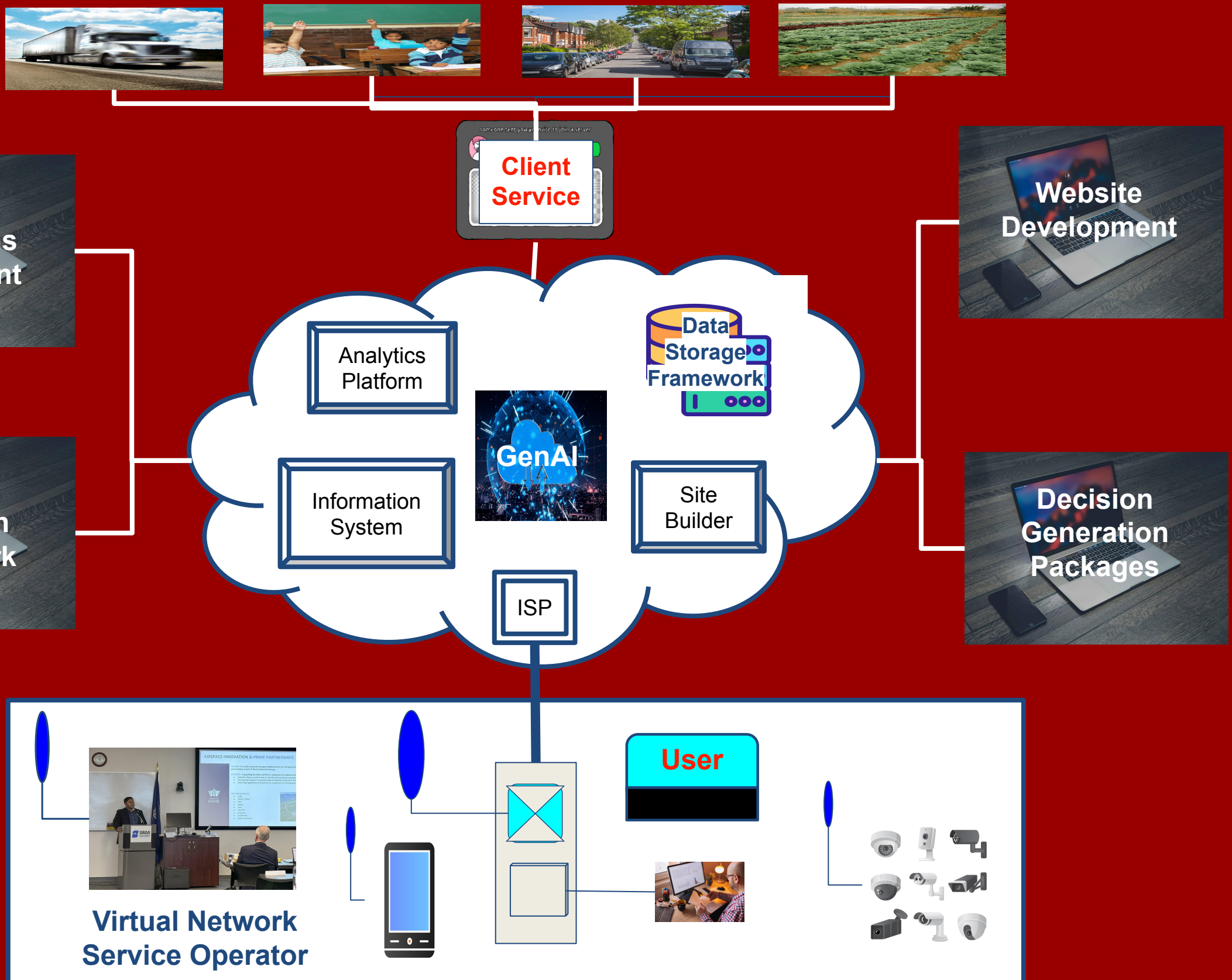
**ISP**

**Data  
Collection  
Framework**

**Decision  
Generation  
Packages**

**Virtual Network  
Service Operator**

**User**



# 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,

## 2. CLIENTEX:

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,

## 3. BUILDDEX

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,.

## 4.MODEX

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,

## 5, PROVEX

system architects, and cybersecurity professionals. Ongoing operations and extension services will create sustained demand for analysts, trainers, and sector-focused consultants.

## 6, ENABLEX

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,

## 7, LITEX

and the nation benefits from a resilient, policy-aligned digital infrastructure . .esource—captured once, shared securely, and applied repeatedly to solve real societal and economic challenges. By integrating digital systems across key sectors such as health,

Project Conceptualization : Justification : Resourcing : Provisioning

