

PRESENTING

THE FUTURE OF FORENSICS

**GENAID**

“SECURING IDENTITIES, PROTECTING FUTURE WITH DNA”

# OVERVIEW

A System That Collects, Stores, And Analysis DNA Profiles With Advance Matching Algorithms. It Ensures Privacy Protection While Aiding Criminal Investigations.





## OUR VISION

To Develop A Secure DNA Database To Help Law Enforcement Quickly Identify Individuals Involved In Crime. This Improves Public Safety And Enhances Investigation Efficiency.

# OUR MISSION

Collect DNA Ethically And Securely

Develop A Secure, Scalable Database

Implement Efficient DNA Matching Algorithms

Address Privacy And Legal Concerns



# COMPETITIVE ANALYSIS

## GENAID

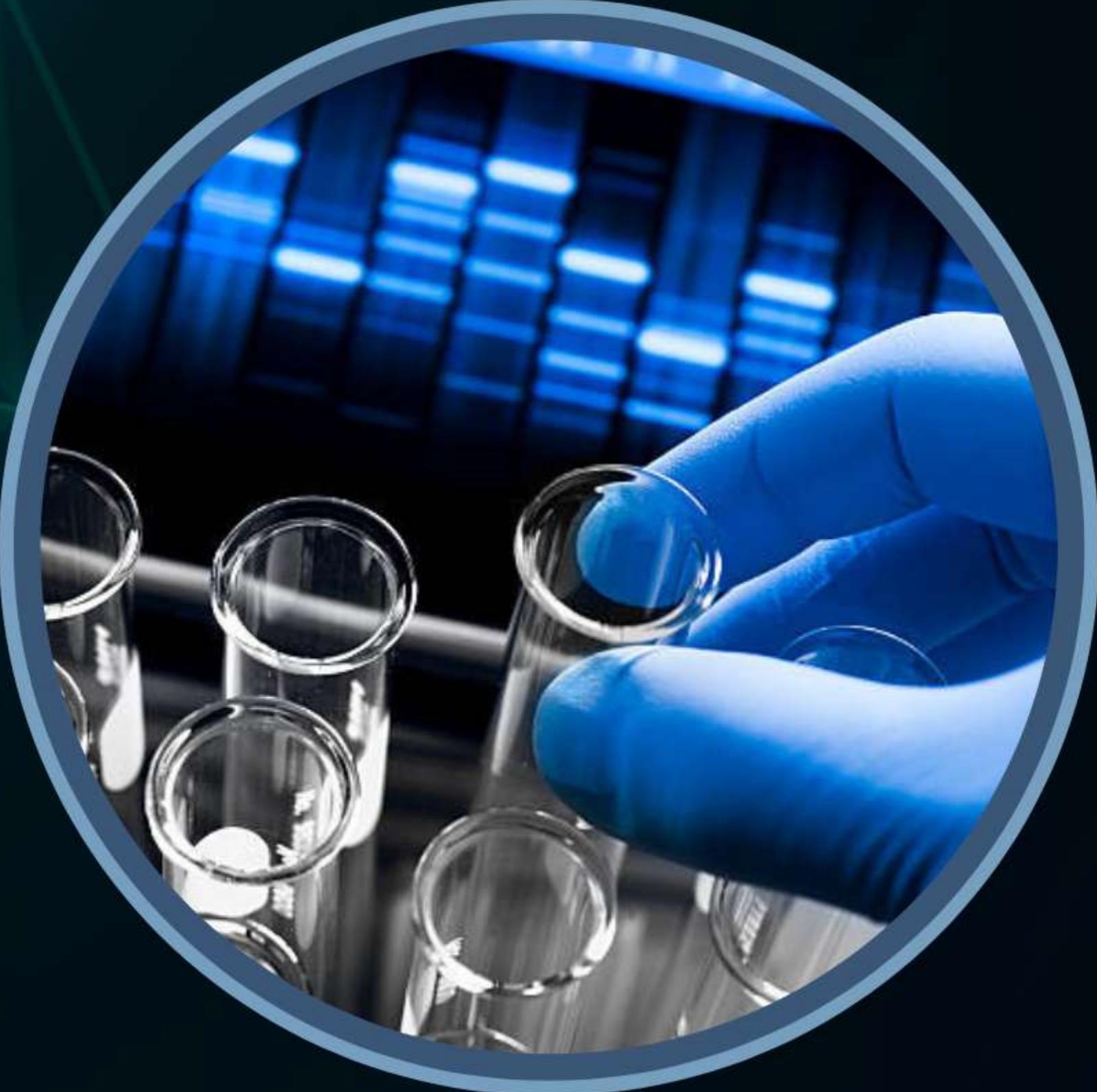
- 1. Inclusive of the general population for broader coverage.**
- 2. Employs advanced encryption to ensure privacy protection.**
- 3. Scalable design supports billions of DNA profiles.**
- 4. Enables seamless cross-border and international crime-solving.**

## CODIS

- 1. Limited to offenders and crime scene evidence.**
- 2. Narrow scope, excluding the general population.**
- 3. Lacks robust privacy safeguards for individuals.**
- 4. Restricted to national databases, hindering global investigations.**

# DNA INSIGHT INFRASTRUCTURE

*Advanced system for secure DNA  
management.....*



# DNA COLLECTION

**Buccal Swab**

**Blood Samples**

**Hair & Tissue Samples**

**Urine Samples**

# DNA EXTRACTION

Utilizing Advanced Laboratory Techniques To Isolate DNA From The Collected Samples

# DNA SEQUENCING

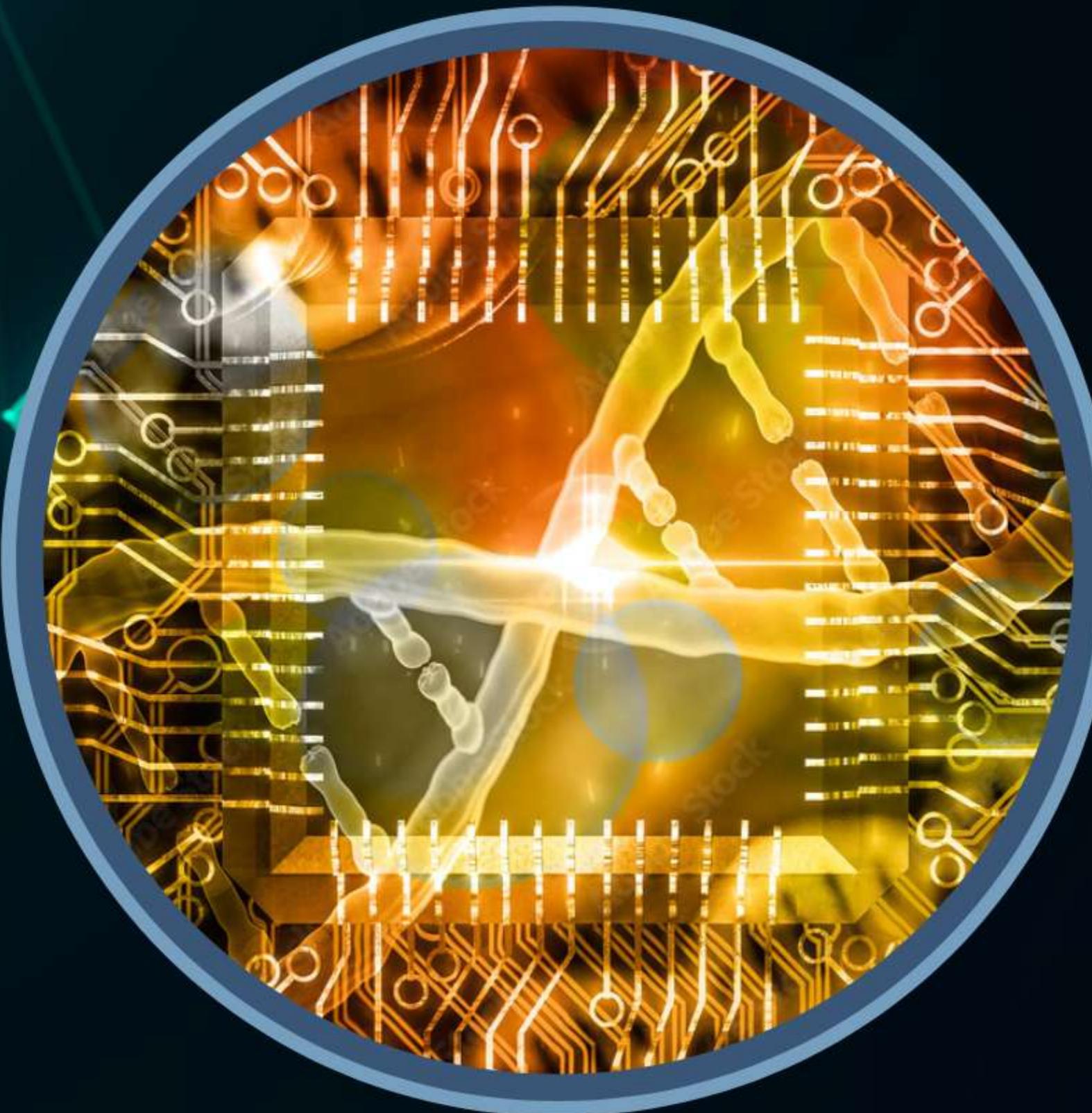
Analyzing The Genetic Material To Generate Unique DNA Profiles

# DIGITAL CONVERSION

Storing The DNA Data In A Digital Format For Easy Access & Analysis

# DNA STORAGE DATABASE

*Development of a secure, scalable  
database.....*



# **DNA DATABASE**

**High Capacity For Billions Of Profiles**

**Advanced Encryption And Security**

**Scalability For Future Growth**

# DNA MATCHING SYSTEM

*Implementation of DNA matching  
algorithms.....*



# **MATCHING SYSTEM**

**Machine Learning & Real Time  
Processing For Fast Identification**

**Accurate Matching Using  
Statistical Methods**

# PRIVACY & ETHICAL CONSIDERATIONS

*Address privacy and legal concerns.....*



# PRIVACY

**Privacy Protection & limited  
Access  
Legal Compliance & Public  
Transparency**

# FINANCIAL BLUEPRINT FOR FORENSIC INNOVATION

*Strategic funding, revenue, and growth  
optimization.....*

# FUNDING STRATEGY

- **Key Sources:**
  - **Government grants.**
  - **Private investments.**
  - **Partnerships with law enforcement agencies.**
- **Purpose:**
  - **Ensure steady financial backing for development and deployment.**



# REVENUE MODEL

- **Income Streams:**
  - Licensing DNA matching technology.
  - Subscription fees for system access.
  - Partnerships with global forensic organizations.
- **Purpose:**
  - To establish sustainable income streams for long-term operations.

# **COST-BENEFIT ANALYSIS**

- **Benefits:**
  - Enhanced crime-solving efficiency.
  - Improved public safety.
  - Cost reduction in investigations.
- **Purpose:**
  - To demonstrate the system's financial viability and societal benefits.



# FORENSIC OUTREACH & ENGAGEMENT

*Promoting trust, awareness, and stakeholder  
involvement.....*



# PUBLIC COMMUNICATION STRATEGY

**Builds public trust through transparency, educating on benefits, and addressing privacy concerns.**

# **MARKETING CAMPAIGNS**

Promoting The System's Impact On Public Safety And Ethical Standards In Forensics.

# **BRAND POSITIONING**

Establishing The System As A Global, Ethical Leader In Forensic DNA Technology.

# **COMMUNITY ENGAGEMENT**

Engaging Stakeholders To Foster Awareness, Trust, And Support For The DNA System.

# TALENT ACQUISITION & WORKFORCE INNOVATION

*Building skilled teams and fostering  
innovation.....*

# RECRUITMENT FRAMEWORK

- **Purpose:**
  - Attract top talent in key fields.
- **Focus:**
  - Build a skilled team for DNA collection, database management, and algorithm development.
- **Approach:**
  - Partner with institutions and offer growth opportunities.



# WORKFORCE DEVELOPMENT

- **Purpose:**
  - Foster innovation and collaboration.
- **Focus:**
  - Promote teamwork and continuous learning.
- **Initiatives:**
  - Workshops, brainstorming sessions, and rewards for contributions.



# WHY IT MATTERS?

**Revolutionizes Crime Solving  
Strengthens Public Safety**

**Ethical And Scalable For  
The Future Needs**



**THANK  
YOU!**

FOR YOUR TENDER