



Offering **trusted, reliable, and affordable biometric solutions** that are **safe, easy to deploy, and upgradeable** with minimal cost

Building Impactful Opportunities for Quality, Universal, Biometric Empowerment

Creating solutions that **impact** lives at the **grassroots** level

BioHealth Unified Digital Health Platform

World's First, US Patented, **Web 3.0 enablement ready, AI Powered**

Multi-factor, Multimodal, Decentralized Biometric-Identity management Platform with Live Data Analytics



Mr. Subodh Narayan Agrawal
Founder

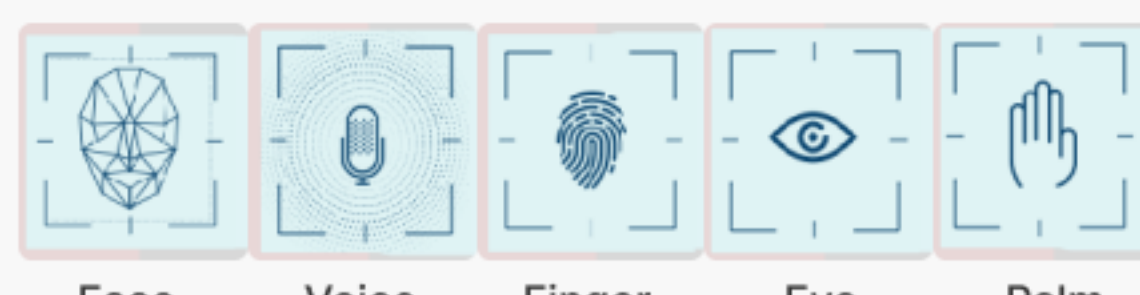
After experiencing sophisticated digital fraud first-hand, Mr. Subodh Narayan Agrawal founded BioQube in 2018, making it his mission to combat identity fraud globally through cutting-edge biometric solutions.



Feature	Problems	Solution by Bioqube	Our Competitive Edge
Biometric Modalities	Single – Factor : Face only or finger (using device)	Multi Factor Authentication (Face, finger, Voice, eyes & Palm)	Face : 1: N, 1:1 Match @ 26 ms in a 20 Million Records in cloud
Hardware Requirements	Fragmented hardware solutions: Specialised & Costly hardware , can't communicate instantaneously with global Databases	Mobile fist technology. Mobile Tablet/ IP Camera - Based, No additional Hardware needed WEB 3 Enabled	No Spares/inventory required Leverage Mobile Technology advancement
Cost and Accessibility	Expensive, Urban Centric, slow deployment	Affordable, grassroots-focused, leverages Mobiles/ tablets innovation	Leverage existing Infra (IP camera), individual's mobile
Security measures	Security vulnerability Basic encryption, no decentralised data OTP & Password dependent to complete end-to –end process	Decentralized Data security with AES 256 Encryption, data stored in customer's Cloud	Patented Technology - Distributed architecture for Multi-factor authentication, Local AI deployment –Online & Offline
Scalability	Limited scope, Expensive, Time consuming and difficult to upgrade/ replace	Empowering users: Highly Scalable across Diverse environment	Quick deployment via app , AI model works both Offline and Online, Deduplication check – on Device & in cloud



Mobile/Tablet



Face

Voice

Finger

Eye

Palm

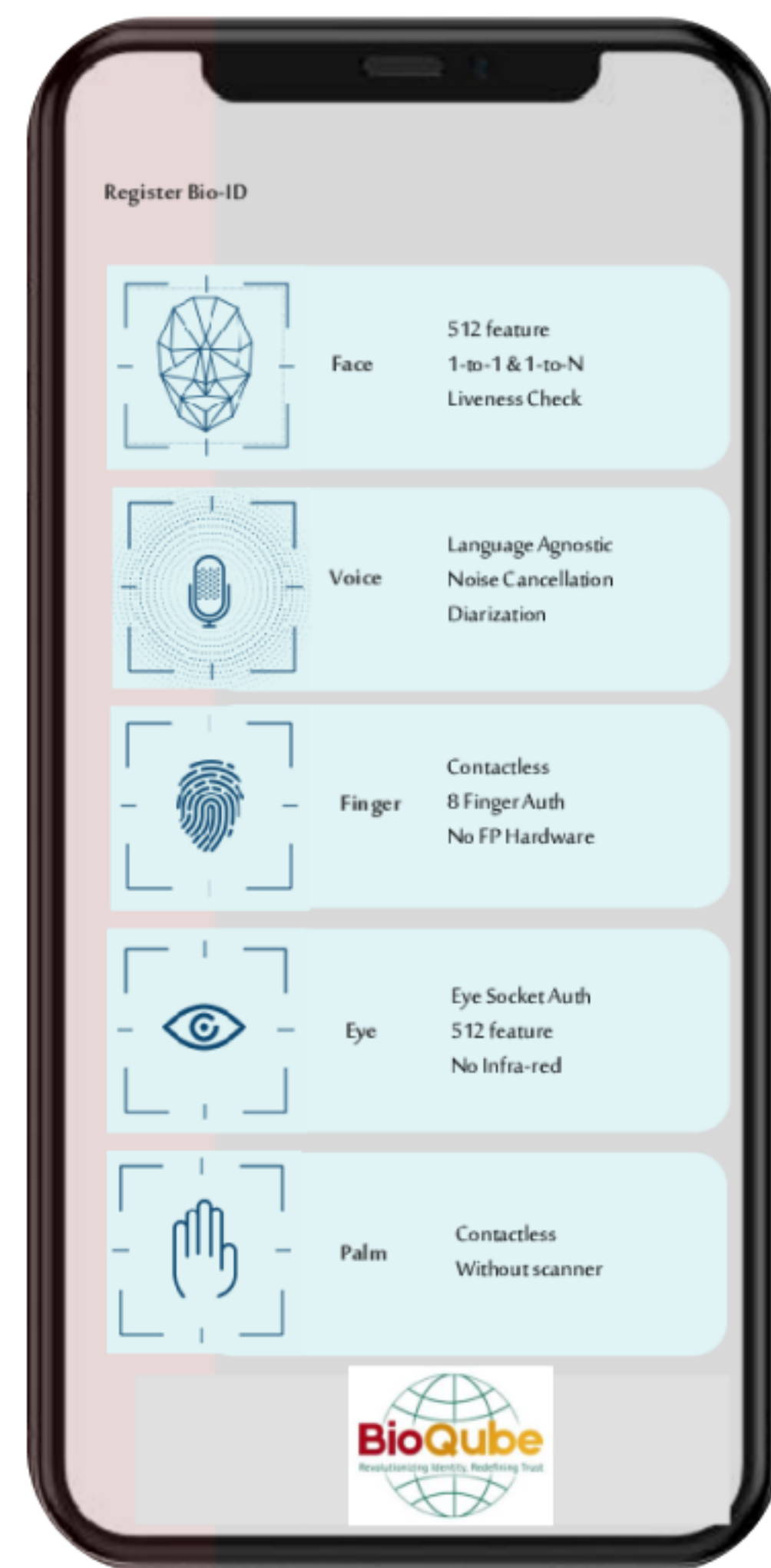
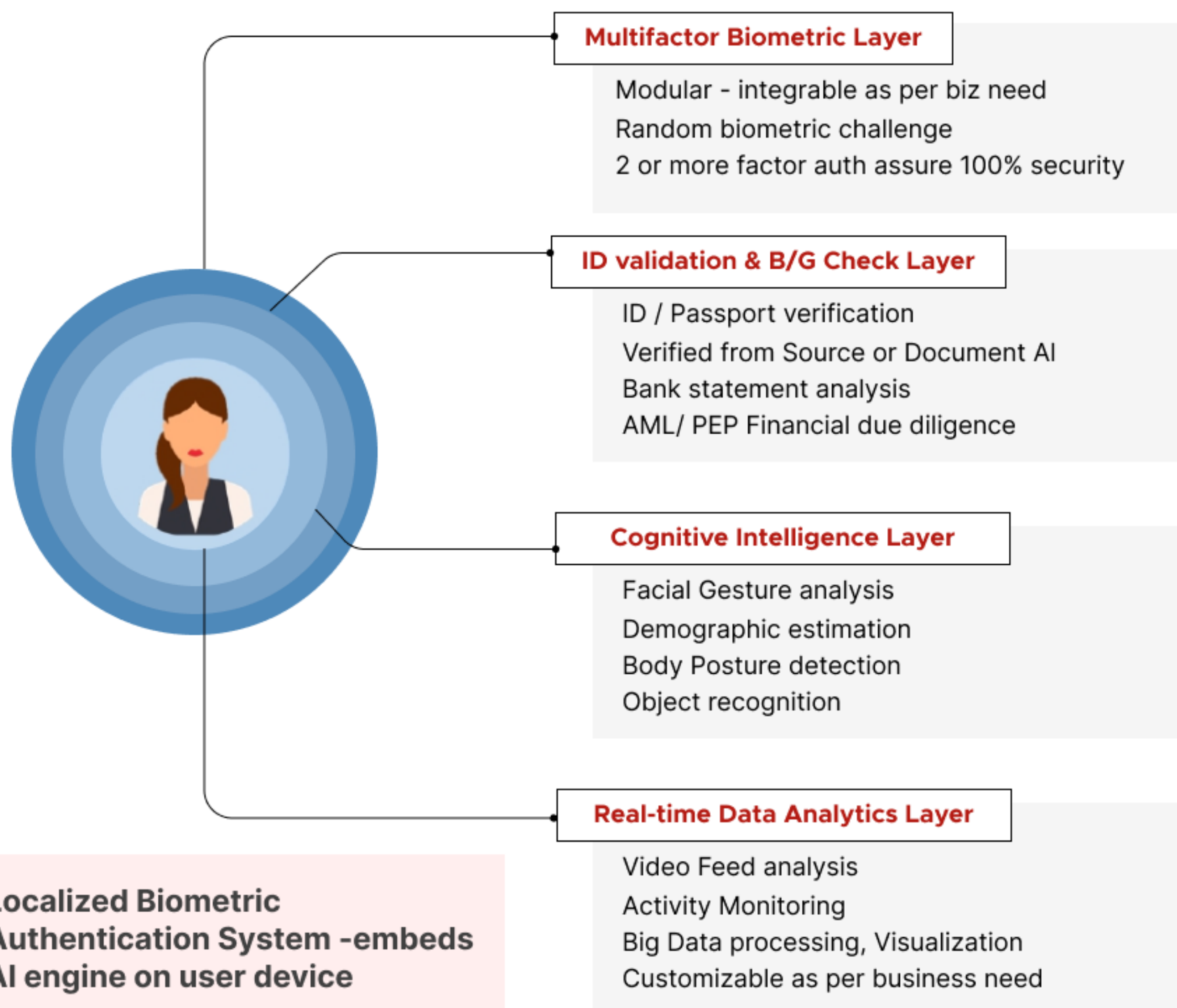


- Web3 Enabled
- Unique, Distributed Data Architecture

Core Technology

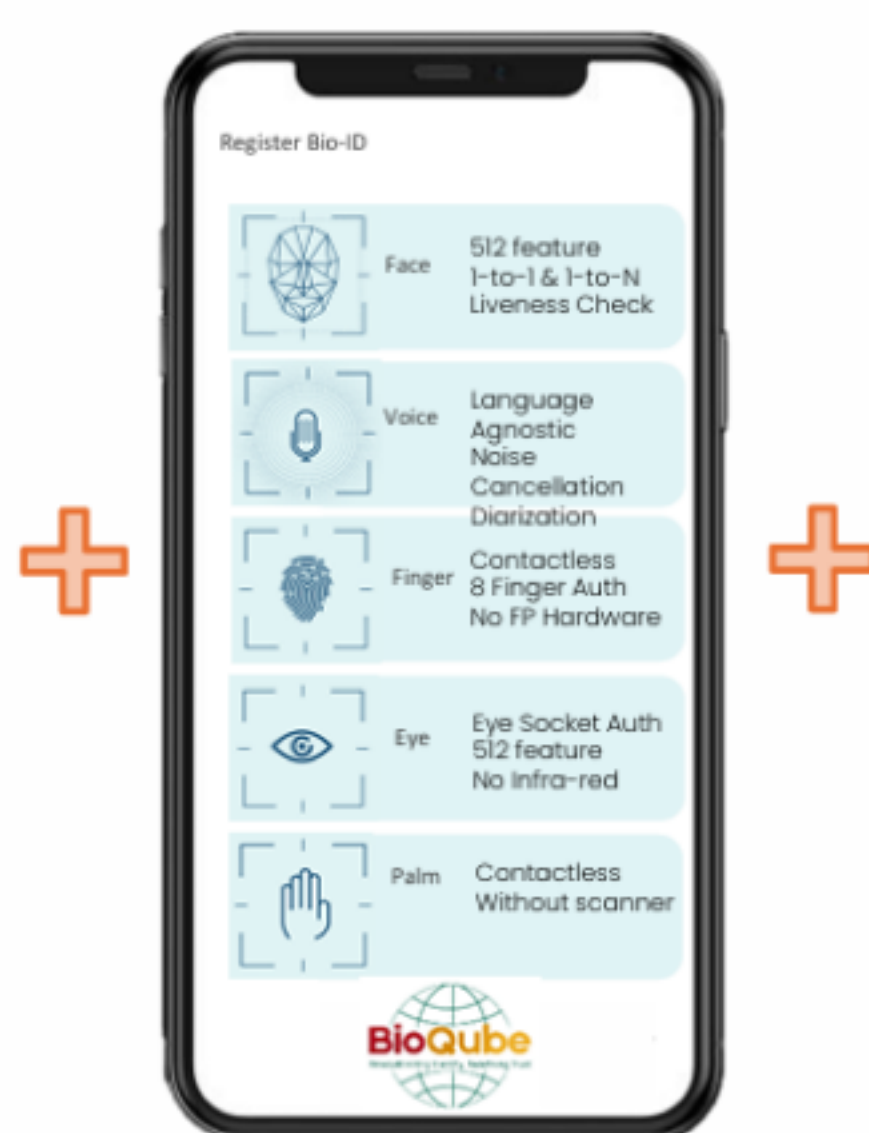
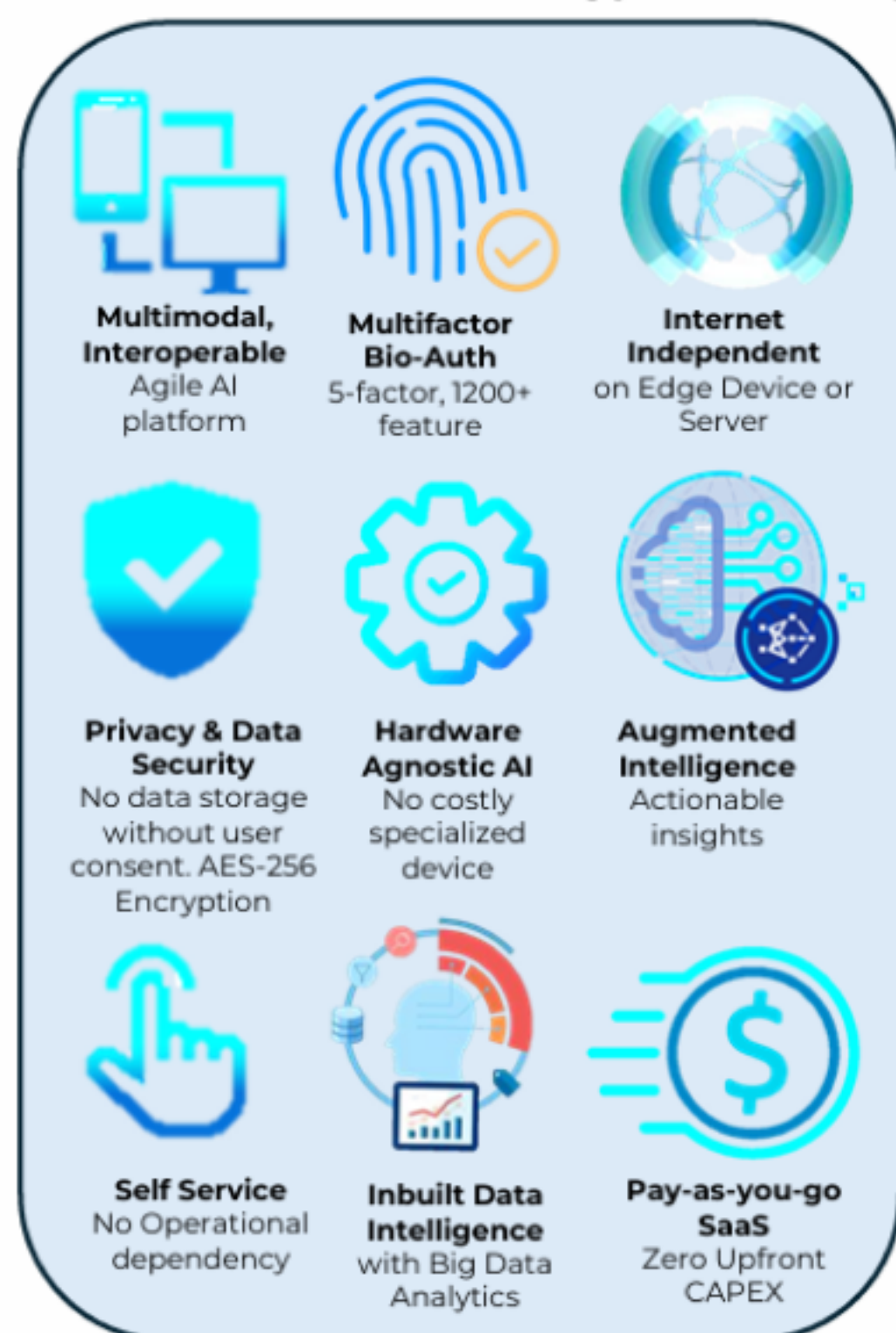
Your Biometric is your Identity, Web 3 Enabled

A Patented decentralized data architecture which reduces risk of hacking



Solution Architecture

Deployable both
Offline & Online



No Specialised Hardware

Deployable using any
mobile/tablet

+
Interpretable with legacy
system

&

**Military grade
data protection**
AES 256+decentralized data
structure



Geo-Fenced

- Contact Less
- No Specialized Hardware

Seamless patient experiences, maintaining paperless progress via digital records, avoiding impersonation, insurance fraud, etc.



Key Challenges
in Health
System that we
solve



LONG WAITING HOURS

- Waiting in queue at registration desk – challenge in managing manual registration process using limited staff
- Lack of proper mechanism to manage patient check-in time – Increased wait time for visiting OPD/Procedures

MANUAL REGISTRATION & PAPER RECORDS

- Paper documentation leads to longer process time at clinic front desks
- Paper document based verification are not tamperproof
- Error in documentation leads to loss of effective workhour

FRAUD IN BILLING & CLAIMS

- Fraudulent bills- including services not provided but billed
- Impersonation at treatment & collusion lead to claim fraud

SECURITY vs. PATIENT CONVENIENCE

- Ensuring security without compromising Patient privacy & convenience is a continuous challenge



SELF-SERVICE BIO
ONBOARDING &
APPOINTMENT ON MOBILE

Secure Biometric based patient onboarding with liveness check & verified documents linking



PATIENT BIO-AUTH -
IDENTITY CHECK AT
DOCTOR VISIT OR
TREATMENT

Multi factor Biometric authentication for seamless entry/ admission of patients



LINKED INSURANCE &
OTHER MEDICAL RECORD

Patient unique identity linked insurance & record – integrable with HMS database



TREATMENT RECORD ON
DOCTOR'S SYSTEM

Comprehensive patients records on doctor's system for quick insight & faster treatment



AI BASED ACTIVITY
MONITORING -
ENHANCED QUALITY OF
TREATMENT

Holistic monitoring to ensure that high quality care & timely treatment is delivered to patients1



VALUE ADDED SERVICES FOR
ADDED REVENUE OPPORTUNITY
ONLINE PHARMACY

Bring all verticals of healthcare landscape efficiently under the same digital umbrella. Online pharmacy for easy medicine ordering using mobile apps.

BioQube
value add for
Digitization in
Healthcare





Pre-Visit

01



Patient Onboarding & Unique Profile creation

Patient journey starts with a unique profile creation, linking with government ID & insurance details.

02



Mobile Appointment Book with past health records + Video Consultation

1. Patient can explore/ select doctors
2. Check doctor's availability
3. Schedule appointment
4. Pre-declare symptoms & past health reports.

During Visit

03



Automated front-desk check-in at Clinics with face match

1. Patient can explore/ select doctors
2. Check doctor's availability
3. Schedule appointment
4. Pre-declare symptoms & past health reports.

04



Doctor gets patient list on Tab - Prioritize & Messaging option

- Retrieve Treatment records
- Highlight Reports & AI-generated summary
- Enhanced Planning
- Manage Appointments beforehand

Post - Visit

05



Treatment record on app - A Digital Health Diary at Patient's fingertip

Patient's treatment records, test reports, prescriptions, medications etc. are available at fingertip on app, sharable with others by simple QR scan.

06



Data Analytics + additional value-added service on app

Comprehensive health report Personalized services like Video consultation, online pharmacy. Customized treatment package etc. Buy insurance online

Aligned with 9 UN SDG goals



NIST



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