

PriveScreen

Digital Sexual Health Diagnostics Platform

Privacy-First | Quality-Assured | Consent-Driven | Partner-Enabled

Target: Global Market, Starting Nigeria/Africa | privescreen.com

PRODUCT OVERVIEW

PriveScreen is a privacy-first digital platform revolutionizing sexual health diagnostics across Africa and beyond. By creating an anonymous ecosystem connecting individuals to accredited diagnostic centers, PriveScreen addresses critical barriers including stigma, privacy concerns, fragmented healthcare delivery, and lack of standardization in sexual health testing.

The platform serves as a trusted "sexual health results wallet" for individuals while providing a comprehensive quality and standardization layer for diagnostic centers. Uniquely, PriveScreen enables partners (employers, NGOs, healthcare providers, or individuals) to sponsor sexual health tests while maintaining complete patient privacy and consent control—**the patient always retains exclusive authority over viewing and sharing their results.**

Key Goals

- Make sexual health testing easy to access, confidential, and safe
- Ensure diagnostic centers follow consistent Sexual Health Test Standards
- Give users full control over who sees their results and when
- Enable partner-sponsored testing while protecting patient privacy and autonomy

Target Market	Core Value Proposition	Key Differentiator
Nigeria (200M+ population), expanding to Ghana, Kenya, South Africa, then global markets	Complete anonymity with partner-sponsored testing model; patient retains full result control	Anonymous assessment codes + 3-way payment model + blockchain audit trail

PROBLEM & OPPORTUNITY

Current Challenges

- Stigma around sexual health tests keeps many people away from clinics and discourages regular testing
- Paper-based lab results are easy to lose, forge, or mishandle, creating security and authenticity concerns
- Patients have no control over who sees their results once printed, compromising privacy
- Quality of testing and reporting varies widely between diagnostic centers with no standardization
- No unified platform exists to test anywhere, keep results secure in one place, and share selectively
- **Partners wanting to sponsor testing (employers, NGOs, partners) lack privacy-preserving mechanisms**

Market Opportunity

By digitalizing the full journey—from ordering tests through identity-verified sample collection to standardized lab processes and consent-based sharing—PriveScreen becomes the trusted "sexual health results wallet" for individuals and the comprehensive quality layer for diagnostic centers. **The platform uniquely enables B2B2C and partner-sponsored models, allowing organizations to facilitate access to sexual health testing while respecting individual privacy rights—a critical gap in workplace wellness, public health programs, and relationship contexts.**

SOLUTION OVERVIEW

PriveScreen provides a comprehensive end-to-end platform comprising five integrated components:

1. **User App & Wallet:** Users fund a digital wallet and purchase sexual health assessments or specific test packages. The system generates an Assessment Code tied to selected tests and tester's name (for identity verification at diagnostic center).
2. **Diagnostic Center Network:** Approved centers use a dedicated portal to validate codes, verify testers with government-issued ID, perform tests per platform standards, and upload structured results.
3. **Anonymous Result Vault:** Results are stored without tester's name. Users view full results in-app and can download de-identified copies. All sharing is controlled through granular consent flows within the app.
4. **Sexual Health Test Standards Layer:** Central library of test panels, result formats, and minimum quality requirements that all diagnostic centers must adhere to for platform participation.
5. **Partner-Sponsored Testing Model:** Third parties (employers, NGOs, healthcare providers, partners, family members) can purchase assessment codes for specific individuals. The patient receives the code, takes the test, and maintains exclusive authority over viewing and sharing results.

CORE FEATURES

4.1 User Wallet and Order Management

- **Digital Wallet System:** In-app wallet to fund sexual health tests with support for cards, mobile money (MTN, Airtel), bank transfers, and USSD
- **Self-Payment:** Order tests directly and receive anonymous Assessment Code
- **Partner-Sponsored Codes:** Receive assessment codes purchased by sponsors (employers, NGOs, partners, family) via phone number or email
- **Transaction History:** Complete audit trail showing code source (self-purchased or sponsored), test types, and diagnostic centers used

4.2 Partner-Sponsored Testing Model

PriveScreen's unique 3-way model enables partners to sponsor sexual health tests while maintaining complete patient privacy and autonomy. The sponsor pays, the patient controls.

How Partner Sponsorship Works

- **Code Purchase by Sponsor:** Partner (employer, NGO, healthcare provider, individual) purchases assessment code(s) through dedicated sponsor portal or bulk API
- **Patient Identification:** Sponsor provides patient's name and contact details (phone/email) for code delivery—no medical information shared
- **Secure Code Delivery:** Patient receives assessment code via SMS/email with instructions to download app or activate code
- **Patient Autonomy:** Only the patient can activate the code, take the test, and view results in their private account
- **Result Privacy:** Sponsor CANNOT see results unless patient explicitly grants consent after viewing
- **Completion Notification:** Sponsor receives anonymous confirmation that test was completed (no medical data, only completion status)
- **Consent-Driven Sharing:** If patient chooses to share, they grant time-limited, revocable access to sponsor through app's consent engine

Key Privacy Safeguards

- **Zero Access by Default:** Sponsor cannot view any medical information unless patient explicitly shares
- **Patient Must View First:** Results can only be shared AFTER patient has viewed them—prevents blind forwarding
- **Granular Consent:** Patient chooses what to share (full results, summary, specific tests), with whom, and for how long

- **Revocation Rights:** Patient can revoke sponsor's access at any time, even after initially granting consent
- **Audit Trail:** All access attempts, sharing actions, and consent changes are logged on blockchain
- **No Coercion Prevention:** Platform monitors for patterns suggesting coerced sharing and provides confidential reporting channels

Sponsor Use Cases

- **Corporate Wellness Programs:** Employers provide sexual health screening as part of employee benefits without accessing personal health data
- **Public Health Initiatives:** NGOs and government programs sponsor testing for target populations (youth, sex workers, vulnerable groups)
- **Healthcare Providers:** Clinics and telemedicine platforms order tests for patients while maintaining professional confidentiality
- **Relationship Testing:** Partners sponsor testing for each other before intimacy, with mutual consent-based sharing
- **Family Support:** Parents or guardians sponsor testing for dependents while respecting age-appropriate privacy
- **Research & Studies:** Academic institutions sponsor testing for research participants with proper ethical oversight

4.3 Assessment Code and Identity Verification

- **Unique Code Generation:** Each order generates a unique Assessment Code linked to specific test types, valid for single use
- **Code Metadata:** Code tracks payment source (self/sponsored) but never links sponsor identity to medical results
- **Real-Time Validation:** Center staff validate code authenticity via their portal before sample collection
- **Identity Verification:** Tester's name verified with government-issued ID (BVN/NIN) at diagnostic center only
- **Privacy Protection:** Ensures right person is tested while keeping names off final lab reports on platform

4.4 Diagnostic Center Portal

- **Center Onboarding:** Sign up, complete KYC, quality verification, undergo training, and receive approval before going live
- **Code Validation System:** Real-time validation of assessment codes regardless of payment source (self or sponsored)
- **Structured Result Upload:** Upload results against platform test templates with quality metadata
- **Standards Commitment:** All centers commit to Sexual Health Test Standards defined by platform
- **Quality Enforcement:** Failed quality audits trigger suspension or delisting from network

4.5 Anonymous Result Viewing and Download

- **Full Result Access:** Tester sees complete results in-app, linked to their account with push notifications
- **Sponsor Notification:** If test was sponsored, sponsor receives anonymous completion confirmation (no medical data)
- **Anonymous Downloads:** Downloadable reports contain test details, results, reference ranges, center details—but no patient name
- **Unique Identifiers:** Test ID or QR code ties results back to PriveScreen without exposing identity
- **Clinical Validity:** Privacy protection maintained while keeping results clinically meaningful for healthcare providers

4.6 Consent-Based Result Sharing

- **Post-View Sharing Only:** Results can only be shared AFTER patient has viewed them—critical for sponsored tests

- **Granular Consent Control:** Users determine exactly what information is shared, with whom (including sponsors), for how long, and in what format
- **Sponsor-Specific Sharing:** If sharing with sponsor, patient can choose summary vs. full results and set expiration
- **Secure Sharing Methods:** Share via phone number or email address with time-limited access
- **App-Only Viewing:** Recipients get invite link to view result in app or web viewer (no PDF emailed for security)
- **Access Control:** Results only viewable inside PriveScreen with access expiry and audit logging
- **Revocation Rights:** Users can revoke access to previously shared results at any time, including sponsor access

4.7 Diagnostic Center Locator

- **Proximity Search:** Find closest approved centers using location services or user-selected city
- **Advanced Filtering:** Filter by test type, opening hours, ratings, and real-time availability
- **Route Mapping:** Integrated maps with distance calculation and directions
- **Booking Options:** Walk-in with Assessment Code or book time slot where supported by center

4.8 Sexual Health Test Standards

- **Comprehensive Test Library:** Sexual health test panels with required analytes, methods, and quality parameters
- **Standardized Formats:** Standard result format, units, and reference ranges across all centers
- **Quality Guidelines:** Sample handling, storage, and turnaround time (TAT) requirements
- **Mandatory Compliance:** All diagnostic centers agree to follow standards as condition of platform participation

5. KEY USER JOURNEYS

SPONSOR JOURNEY	PATIENT JOURNEY (Sponsored Test)	DIAGNOSTIC CENTER JOURNEY
<ol style="list-style-type: none">1. Access sponsor portal2. Create account (org/individual)3. Select test type & quantity4. Provide patient name + contact5. Complete payment6. Code auto-sent to patient7. Wait for completion notice8. Receive anonymous confirmation9. Wait for patient consent10. View results IF patient shares	<ol style="list-style-type: none">1. Receive code via SMS/email2. Download app or access web3. Activate code in account4. See sponsor info (optional)5. Find nearest center6. Visit center with code + ID7. Get sample collected8. Receive result notification9. View full result privately10. DECIDE: Share with sponsor?11. Grant consent if desired	<ol style="list-style-type: none">1. Patient presents code2. Validate code in portal3. See: sponsored/self-paid4. Verify patient ID (BVN/NIN)5. Log sample details6. Perform standardized test7. Upload structured results8. Platform validates quality9. Results pushed to patient10. Sponsor notified (no data)11. Receive payment confirmation

NOTE: The key differentiator is that sponsors receive *ONLY* anonymous completion status—never medical results—unless the patient explicitly chooses to share after viewing their own results first.

6. SYSTEM ARCHITECTURE

PATIENT LAYER
Mobile App (iOS/Android) Web Portal
SPONSOR LAYER
Sponsor Portal (Web/API) Bulk Code Purchase Anonymous Completion Dashboard No Medical Data Access
CORE PLATFORM ENGINE
Anonymous Wallet System Payment Processing Order History Sponsored Code Management
Assessment Code Generator & Validator Real-time Validation Payment Source Tracking (Self/Sponsored)
Identity & Security Layer BVN/NIN Verification End-to-End Encryption Audit Trail Privacy Firewall
Consent Engine Post-View Sharing Control Sponsor Access Management Time Limits Revocation
Result Management Anonymous Storage De-identification Download/Share Sponsor Notifications
Standards Authority & Quality Control Test Protocols Center Audits Compliance
Partner Network Management Center Directory Geolocation Ratings
DIAGNOSTIC CENTER INTERFACE

7. KEY DIFFERENTIATORS

- **3-Way Payment Model with Privacy Firewall:** Unique sponsor-patient-center model where sponsors pay but patients retain complete control. Sponsor NEVER accesses results without explicit patient consent.
- **Privacy by Design:** Complete anonymity until point of service; identity never linked to test purchase or result viewing. Zero-knowledge architecture ensures platform cannot access unencrypted patient data.
- **Post-View Sharing Enforcement:** Results can only be shared AFTER patient views them first—prevents blind forwarding in sponsored test scenarios.
- **Standardization & Quality:** Enforced Sexual Health Test Standards across all centers ensure consistent, auditable quality. Centers undergo training, verification, and regular audits.
- **Granular Consent Control:** Patients control exactly what information is shared, with whom (including sponsors), for how long, and in what format. Users can revoke access at any time.
- **Blockchain Audit Trail:** Immutable record of test authenticity, chain of custody, and all access/sharing events without compromising privacy. Prevents forgery and tampering.
- **B2B2C Enablement:** Seamless integration for corporate wellness programs, NGO initiatives, and healthcare providers wanting to sponsor testing without accessing medical data.
- **Financial Inclusion:** Multiple payment options including mobile money and USSD for 90%+ market accessibility across economic demographics.
- **Regulatory Compliance:** Built for NDPR (Nigeria Data Protection Regulation) with architecture ready for GDPR and other international privacy frameworks.

8. ROLLOUT APPROACH

Phase 1: Pilot in Nigeria (Months 1-6)

- Partner with 50 high-quality diagnostic centers in Lagos, Abuja, Port Harcourt
- Launch both self-pay and sponsored models with initial corporate wellness partners
- Focus on core sexual health panel with clear standards and validation protocols
- Integrate local payment methods: cards, bank transfers, mobile money
- Target: 10,000 active users, 5 corporate partners, establish proof of concept

Phase 2: Broader African Expansion (Months 7-18)

- Extend to Ghana, Kenya, South Africa with 150+ centers
- Onboard NGOs and public health programs for large-scale sponsored testing
- Adapt standards and regulatory mapping for each market's requirements
- Add multilingual support (English, French, Swahili) and local currency wallets

Phase 3: Global Scale (Months 19+)

- Plug into international lab networks and align with WHO sexual health guidelines
- Offer APIs for telemedicine platforms and digital health insurers
- Enable B2B partnerships with privacy-focused sexual health diagnostics embedded
- Launch enterprise licensing for global corporations with international workforce

Launch Cities	Target Centers	User + Sponsor Target	Revenue Model
Lagos, Abuja, Port Harcourt	50 centers in 6 months	10,000 users + 5 sponsors by month 6	15-20% transaction fees + B2B contracts

9. PLATFORM IMPACT & CONCLUSION

PriveScreen positions itself as the trusted digital layer for sexual health diagnostics globally, with a revolutionary 3-way model that enables partner sponsorship while maintaining absolute patient privacy and autonomy. The platform transforms sexual health testing by removing stigma through privacy-by-design architecture, ensuring quality through enforced standardization, and expanding access through a trusted network of accredited diagnostic centers.

The partner-sponsored model uniquely addresses a critical market gap: organizations wanting to facilitate sexual health testing (employers, NGOs, healthcare providers, individuals) while respecting privacy rights. This enables workplace wellness programs, public health initiatives, relationship testing, and family support scenarios that were previously impossible without compromising patient confidentiality.

By addressing the critical barriers to sexual health testing in Africa and beyond—stigma, lack of privacy, quality inconsistency, fragmented access, and inability to facilitate sponsored testing—PriveScreen creates a scalable, privacy-first platform that protects dignity while delivering reliable health outcomes and enabling broader access through B2B2C partnerships.

PriveScreen: The Sexual Health Results Wallet

Private. Secure. Dignified. Standardized. Partner-Enabled.

Sponsors Pay. Patients Control.

privescreen.com | Contact: info@privescreen.com | Sponsor Portal: sponsors.privescreen.com