CyberSecured AI

PLATFORM STATUS REPORT

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Classification: Internal Use Only

Ø=ßâ PLATFORM CORE STATUS: OPERATIONAL

- Frontend and backend running on port 5000

- PostgreSQL database connected and operational

- User authentication and authorization active

- Role-based access control implemented

CURRENTLY INTEGRATED APIs

' Fully Operational:

- Google Maps JavaScript API - Threat geolocation mapping

- PostgreSQL Database (Neon) - Data storage and management

Ø=ßá Implemented but Awaiting API Keys:

- PyMISP/MISP Platform Integration - Using fallback feeds

- Enhanced Threat Intelligence Suite - Simulation mode

- Hardware Security Module (HSM) Integration - Framework ready

- Biometric Authentication Services - Frameworks built

DETAILED API STATUS

Ø=Ý4 CRITICAL PRIORITY - Phase 1 (0-30 days)

- MISP_API_KEY & MISP_BASE_URL - Essential threat intelligence
- OPENAI_API_KEY - Core AI functionality enhancement
- VIRUSTOTAL_API_KEY - Enhanced file scanning security
- TWILIO_ACCOUNT_SID & TWILIO_AUTH_TOKEN - Emergency communications
- JWT_SECRET & ENCRYPTION_KEY - Security configuration

Ø=ßá HIGH PRIORITY - Phase 2 (30-60 days)

- ANTHROPIC_API_KEY - Advanced compliance analysis
- IBM_XFORCE_API_KEY - Enterprise threat intelligence
- OKTA_API_KEY - Comprehensive IAM
- AZURE_AD_CLIENT_ID - Microsoft environment integration
- CROWDSTRIKE_API_KEY - Premium APT detection
- SENDGRID_API_KEY - Email communications

Ø=Ý5 MEDIUM PRIORITY - Phase 3 (60-90 days)

- AUTH0_BIOMETRIC_API_KEY - Facial recognition
- BIOID_API_KEY - Multi-modal biometric systems
- FACETEC_API_KEY - 3D face recognition
- THALES_HSM_API_KEY - Hardware security modules
- AWS_CLOUDHSM_API_KEY - Cloud-based HSM
- PALO_ALTO_API_KEY - Next-gen firewall integration
- CISCO_FIREPOWER_API_KEY - IPS integration
- F5_BIGIP_API_KEY - Web application firewall

CURRENT ISSUES & CAPABILITIES

Ø=Þ¨ CURRENT ISSUES REQUIRING ATTENTION

• Google Maps Billing Error - Maps functionality limited

• MISP Feed Configuration - One feed returning HTML instead of data

• API Key Dependencies - Most advanced features in simulation mode

Ø=ÜÊ PLATFORM CAPABILITIES CURRENTLY ACTIVE

' User registration and authentication

' Role-based dashboard access

' Basic threat monitoring (using public feeds)

' File upload and management

' Compliance tracking framework

' Audit logging

' Real-time threat geolocation (limited by Maps billing)

' Multi-factor authentication framework