

Executive Summary

UnifyID is a next-generation Identity and Access Management SaaS platform that delivers adaptive, passwordless authentication, AI-powered risk scoring, blockchain-based audit trails, and a developer-friendly API gateway. This document provides a complete technical and strategic roadmap for the evolution of UnifyID as a secure, scalable, and intelligent identity layer.

Vision & Objectives

- Passwordless authentication with adaptive MFA.
- AI/ML-powered behavioral profiling and threat detection.
- Immutable compliance audit trail using blockchain.
- Real-time user activity tracking and audit logs.
- PWA with intuitive admin and user interfaces.
- SaaS Pricing: 3-month free trial, \$3/user/month.

Architecture Overview

Frontend: Next.js (React 18, TypeScript)

Backend: Laravel 10 + Sanctum/Passport

Microservices: FastAPI (Risk Engine), Node.js (Real-time Tracker)

Storage: PostgreSQL (multi-tenant), MongoDB (logs), Redis

Streaming: Kafka or RabbitMQ

Blockchain: Hyperledger Indy, IPFS, Polygon

DevOps: Kubernetes, Terraform, GitHub Actions, Vault

