

NEXSIRO GROUP PROFILE

Secure Software Development & Vulnerability Assessment (VAPT)

SYSTEM_STATUS: ACTIVE // SECURITY_LEVEL: ISO_27001_COMPLIANT

1. Executive Summary

Nexsiro Group is a security-centric software development firm. We merge defensive design architectures with aggressive vulnerability audits. Unlike traditional agencies that build websites first and consider protection as a final checkbox, our engineers write secure logic and run automated vulnerability sweeps (VAPT) at every development stage.

We deliver custom web apps, native mobile apps, and secure cloud infrastructures engineered to withstand sophisticated threat vectors.

2. Engineering & Security Specialties

Service	Technical Scope	Security Safeguards
Web Development	React.js, Node.js, PostgreSQL custom SaaS portals	OWASP parameter checks, CSRF protection, SQLi shielding
Mobile Apps	Native iOS & Android, Flutter, Dart frameworks	Biometric hardware enclaves, secure SQLite databases
IoT Solutions	ESP32/ARM firmware, sensor integrations, hardware logic	MQTT TLS encryption, secure boot configurations, firmware audits
VAPT Audits	Network mapping, active penetration testing	Exploit proof of concept, source remediation logs
Cloud & DevOps	AWS / Azure automated CI/CD pipelines	IAM credential lockdown, VPC isolated subnets, KMS encryption

3. Our Secure-by-Design Standards

All applications delivered by Nexsiro Group adhere to strict standards:

- **ISO 27001 Methodology:** All codebase repositories and server credentials are encrypted and stored in hardware-secured environments.
- **99% Test Coverage:** Strict unit testing regimes prevent runtime bugs and logical leaks before staging deployment.
- **WCAG 2.1 AAA Compliance:** Semantic HTML structures ensure all forms, overlays, and controls are keyboard-navigable and screen-reader compliant.
- **Mutual NDA Guarantee:** NDA agreements are signed prior to code audits or project discussions to protect intellectual property.

4. Leadership Board

Alex Mercer (OffSec Director): Certified CEH hacker with 12+ years experience in vulnerability scans and remediation.

Elena Rostova (Lead Architect): Specialist in high-performance node web architectures and relational database design.

Marcus Vance (Accessibility Director): Obsessed with user-centric responsive layout structures and semantic W3C standards.