



# CYRAVEX

TECHNOLOGY • SECURITY • ENGINEERING

COMPANY & CAPABILITY BROCHURE / 2026

## Build better. Secure smarter.

Cyravex helps modern businesses build secure digital products, strengthen cybersecurity, and turn complex technology challenges into reliable, scalable systems.

CYRAVEX SECURITY

CYRAVEX ENGINEERING

CYRAVEX LABS

[cyravex.com](https://cyravex.com)

Specialized capabilities under one technology brand.



# One brand. Three specialized capabilities.

CyraVex is structured to keep specialist depth without forcing clients through a generic “one-size-fits-all” technology provider. Security, engineering, and research remain distinct - while working together when a client needs more than one discipline.

## OPERATING MODEL

- **Remote-first B2B**

## DELIVERY MODEL

- **Project + Retainer**

## MARKET POSTURE

- **Specialist • Senior-led**

## WHO WE HELP

- Technology and SaaS companies
- AI-enabled products and digital platforms
- Growing organizations with limited specialist depth
- Teams preparing for enterprise customers, audits, scale, or product launch

## COMMON NEEDS

- Security testing, AI risk, AppSec, and advisory
- Secure web, mobile, CRM/ERP, portals, and APIs
- AI-powered automation and internal systems
- Research, prototypes, open-source, and technical innovation

## MASTER PROMISE

**Build secure systems. Strengthen digital business. Keep improving.**



# Specialized capabilities, intentionally separated.

Each Cyravex business unit has a clear buyer, scope, and delivery model. The units share one quality standard, one brand system, and one secure-by-design philosophy.

01

## Cyravex Security

Cybersecurity engineering for organizations that need to identify risk, harden systems, and make better security decisions.

- Offensive Security
- AI + Application Security
- Managed Security Support
- Security Advisory
- Security Engineering & Automation

02

## Cyravex Engineering

Secure digital product engineering for businesses that need reliable, scalable software and automation.

- Web & Portal Engineering
- Mobile Applications
- CRM / ERP / Business Systems
- Custom Software & APIs
- AI-Powered Automation

03

## Cyravex Labs

Research and experimentation focused on cybersecurity, AI, automation, open source, and emerging technology.

- Research & Publications
- Open-Source Projects
- AI / Security Experiments
- Technical Prototypes
- Future Product Innovation



# Find the risk. Strengthen the defense.

Senior-led offensive, managed, AI/application security, and advisory services designed to turn security findings into practical risk reduction.

## Offensive Security

Web/API pentesting, external/internal testing, cloud assessments, selective red team work.

## AI + Application Security

LLM/RAG assessments, AppSec, threat modeling, secure SDLC, API and cloud application review.

## Managed Security Support

Vulnerability management, SIEM/detection engineering, posture reporting and operational support.

## Security Advisory

Fractional security leadership, risk roadmaps, architecture review, ISO/NIST-aligned guidance.

### FLAGSHIP ENGAGEMENTS

01

Web + API Penetration Test

02

AI / LLM Security Assessment

03

Fractional Security Advisor / vCISO



# Build systems that are ready to scale.

CyraVex Engineering designs and develops secure web platforms, mobile applications, portals, business systems, integrations, and AI-powered automation - with security embedded from the beginning.

## WHAT WE BUILD

- Web & Portal Engineering - business platforms, SaaS, client portals, dashboards
- Mobile Applications - Android, iOS, and cross-platform delivery
- CRM / ERP / Business Systems - operational workflows, reporting, approvals
- Custom Software & APIs - internal tools, backend services, integrations
- AI & Automation - copilots, document workflows, LLM integrations, business automation

## SECURE-BY-DESIGN DIFFERENTIATOR

- Secure SDLC and architecture thinking
- Threat modeling where relevant
- Authentication and authorization design
- API security and input validation
- Secrets and dependency management
- Environment separation and secure CI/CD
- Security review before production

## ENGINEERING DELIVERY MODEL





# Researching what comes next.

CyraVEX Labs is the research and experimentation layer of the brand - focused on real open-source work, security research, AI/security experiments, prototypes, and future product innovation.

01

## Research

Technical papers, experiments, methodologies, and practitioner-oriented analysis.

02

## Open Source

Public tools and engineering work that demonstrate real technical capability.

03

## AI + Security

Experiments around LLM security, automation, detection, deception, and secure AI.

04

## Prototypes

Early-stage concepts and technical prototypes used to explore future products and services.

### LABS PRINCIPLE

**Only real projects, real research, real repositories, and clearly labeled experiments. No fake corporate research claims.**



# One entry point. The right specialist path.

Cyравex engagements are scoped around the actual problem. A client may need one unit, or a coordinated path across security and engineering. Cross-unit work is deliberate - never bundled for the sake of selling more.

## DISCOVER

01

Understand the trigger, users, assets, systems, constraints and business outcome.

## ROUTE

02

Choose the correct Cyравex unit - Security, Engineering, Labs, or a coordinated engagement.

## DELIVER

03

Execute with written scope, clear milestones, secure handling, evidence, QA and communication.

## IMPROVE

04

Remediate, retest, optimize, support or transition into the next justified phase.

### NATURAL CROSS-UNIT VALUE

Engineering → Security: independent validation before production. Security → Engineering: secure portal, remediation tooling, integrations, or automation. Labs → Delivery: research translated into practical services and products.



# Specialist capability. Practical delivery. Clear boundaries.

Cyravex is built around technical depth, secure engineering, honest scope, and business-aware delivery - without fake scale, inflated claims, or unnecessary complexity.

## FOUNDER-LED DELIVERY



### Mirza Asad Ahmed Baig

Cybersecurity leadership, security operations, offensive security, AI security, governance, and technical delivery experience. Cyravex is structured around hands-on technical work, clear risk communication, and practical improvement.

## WHY CYRAVEX

### SPECIALIZED UNITS

Clear expertise instead of an unfocused service catalog.

### SECURE BY DESIGN

Security thinking embedded into how systems are built.

### SENIOR-LED

Direct access to experienced technical leadership and execution.

### HONEST BOUNDARIES

No invented certifications, offices, customers, coverage, or guarantees.

## Start a conversation

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