

An End-to-End AI Platform for Managing APIs at Scale

KR Elixir's API Platform enables enterprises to modernize, govern, and scale APIs across their entire lifecycle - from legacy gateway migration and design to deployment, monitoring, and deprecation. Built on Probostack and delivered through KR Elixir's API Practice & Centre of Excellence, the platform unifies fragmented API tooling into a single governed system with embedded automation and AI assistance.

95%
Proxy Auto-Migration

3x
Faster API Delivery

70%
Reduction in Manual Effort

3 Months Migration cycle
Any API Gateway migration under 3 months

Six Capabilities - One Unified Platform.

PRODUCT	WHAT IT DOES
API Lifecycle	End-to-end API management from design to retirement
API Migration	Automated migration from legacy gateways to modern platforms with delta analysis and rollback
API Design Studio	AI-assisted API design with mocking and change detection
API Testing	Functional, load, contract, and security testing with CI/CD integration
AI Gateway	Token governance, semantic caching, prompt protection, and multi-model routing
Agentic Layer	Multi-agent orchestration with tool registry, memory, guardrails, and audit trails

Consolidates tools such as SwaggerHub, Postman, standalone CI/CD pipelines, and fragmented monitoring stacks into a single platform with lower total cost of ownership.

Migration & Lifecycle - End-to-End API Execution

Powered by Agentic AI



Discovery
Automatically scans APIs, proxies, dependencies, traffic flows, and environments to establish a complete system baseline.



RAG Assessment
RAG classifies every asset with dependency mapping and migration risk scoring before execution.



Architecture
Defines the future-state architecture across network, security, IAM, and token synchronization layers.



04 Automated Migration
Migrates in dependency order (KVMs → Shared Flows → Proxies → Products → Apps → Keys) with built-in token sync and zero client-side changes.

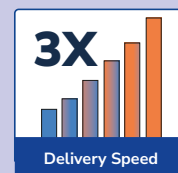
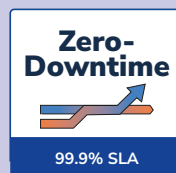
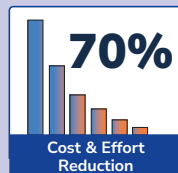


Validation
Runs automated regression, contract, and load testing with side-by-side behavioral comparison of source and target systems.



Cutover & Hypercare
Executes zero-downtime cutover using canary, blue-green, or phased rollout with instant rollback and 30-180 day hypercare.

API Lifecycle Orchestration



Design

- ✓ AI-assisted (Gemini, Claude)
- ✓ Real-time mock server
- ✓ Break-change detection
- ✓ Git-native versioning

Develop

- ✓ Auto-generate proxy bundles for Apigee X, MuleSoft, Kong
- ✓ Shared flow library
- ✓ Full audit trail

Test

- ✓ 1,000+ concurrent load testing
- ✓ Contract and security testing
- ✓ CI/CD integrated
- ✓ AI-assisted error analysis

Deploy

- ✓ One-click deployment
- ✓ Blue-green and canary
- ✓ Environment gating
Dev → Test → Perf → Prod
- ✓ Automated rollback

Publish

- ✓ Auto-generated branded developer portal
- ✓ Interactive sandbox
- ✓ Time-to-first-call under 2 hours

Monitor

- ✓ SLO dashboards
- ✓ OAuth 2.0/2.1, JWT, mTLS, OWASP API Top 10
- ✓ OpenTelemetry / New Relic/Datadog

Retire

- ✓ Lifecycle stage management
- ✓ Automated consumer notifications
- ✓ Traffic drain · Decommission
- ✓ documentation

KRE API Practice & Centre of Excellence



- Platform Team**
Org admin, shared flows, observability, Terraform IaC. The backbone everything else depends on.
- API Producers**
Trained by KRE. Design, proxy development, CI/CD with KRE runbooks and governance templates.
- API Consumers**
Self-service portal, sandbox, auto-generated docs. Zero Platform Team involvement.
- Enablers**
API Guild, Shared Flow Library, Governance Templates, Style Guide, Spectral linting.



Built for AI-Driven Systemst

All APIs are natively exposed to AI systems through the AI Gateway and MCP Gateway (Model Context Protocol), enabling direct integration into agent-based workflows without additional engineering effort or separate integration layers.

Why Enterprises Use KR Elixir

- De-risked from day one - RAG-based assessment defines scope, effort, and risk before execution begins.
- No application changes required - Token synchronization ensures zero rekeying, no client-side changes, and no consumer impact.
- One platform, not fragmented tools - End-to-end lifecycle coverage replaces disconnected tools like SwaggerHub, Postman, and standalone CI/CD.
- Zero-downtime migration - Supports canary, blue-green, and phased rollouts with instant rollback and 99.9% availability.
- Compliance by design - OWASP, SOC 2, GDPR, and PCI-DSS controls are embedded across the lifecycle.
- Flexible deployment - Runs on SaaS, on-prem, or private VPC based on enterprise requirements.
- Low-risk entry - Starts with a free scoped migration assessment covering up to 15 proxies with full RAG analysis.

Trusted by Global Enterprises -

800+ Global Team · 98% Client Retention · 40% YoY Growth
300+ Certified Professionals

API solutions delivered globally across FinTech, Healthcare, Oil & Gas, Government, and Manufacturing

Success Stories

API Gateway Migration - Global Fintech

1,000+ APIs migrated across 7 global regions with zero production incidents. Sub-second B2B API performance maintained post-migration. Long-term engagement spanning 7+ years across multiple modernization programs.

API Gateway Migration - Travel Industry

Full migration from Apigee Edge to Apigee X completed with controlled downtime and phased cutover. Legacy data centre decommission approved and executed. Modern API gateway now supporting production workloads.

API Gateway Migration - Healthcare

Three concurrent M&A-driven integrations consolidated into AWS-based API infrastructure. Legacy systems decommissioned within 8 months. Delivered with zero disruption to clinical and patient-facing services.

API Lifecycle - FinTech

End-to-end API lifecycle platform deployed across product teams. Sub-second API response performance for high-volume B2B traffic. Developer onboarding time reduced from several days to under 2 hours.

API Gateway Migration - Oil & Gas

Managed API layer integrated with Vertex AI for predictive maintenance workloads. Enabled IoT sensor data processing at scale, contributing to a 30% reduction in operational downtime

API Lifecycle - FinTech

AI-assisted break-change detection introduced at design time, preventing regressions before deployment. Eliminated production-breaking API changes and improved delivery velocity by 3x across teams.