Secure, control and observe every API and AI call

G8 is an enterprise API gateway and AI gateway for the calls routed through it: rate limits, identity and traffic rules for your APIs; LLM routing with fallback and token limits, and your APIs served to AI agents as MCP tools. One console manages every gateway cluster you run. Every change is written as an audit record before it is applied; a refused change is a record too. It runs on infrastructure you control, and analytics and request records stay in your own stores. Built and supported in Istanbul.

Four product areas, one console, one audit log

G8 API Gateway

Rate limits, identity with OpenID Connect, LDAP, SAML, Keycloak, JWT, API keys, HMAC and mutual TLS, access rules, validation, caching and traffic rules for every API. Analytics, request records and alerts read from your own Prometheus and Elasticsearch or OpenSearch.

G8 AI Gateway

Traffic to OpenAI, Anthropic, Azure OpenAI, Amazon Bedrock, Google Gemini, DeepSeek and OpenAI-compatible endpoints with fallback, token budgets per consumer and prompt rules. Your existing APIs served to AI agents as MCP tools from their OpenAPI documents. In every edition.

G8 API Security

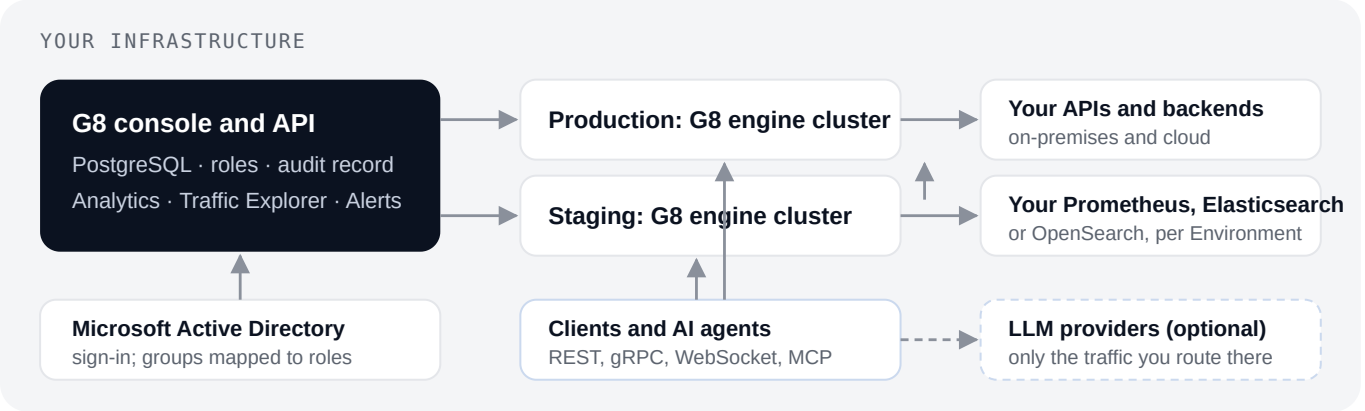
A control at the gateway for each risk: authentication, limits, access rules, request validation and data masking, with certificates and secrets in the same console and every change in the audit log.

G8 Developer Portal

A catalog where developers find your APIs, read their documentation and request access themselves. Your platform team decides what is listed and who gets access.

Where it runs

OpenShift and OKD with the Helm chart, Kubernetes, Docker Compose and Linux virtual machines, including networks without internet access, which install from a local registry. The console manages each engine cluster through its admin interface and reads counts and records from your own stores. Nothing leaves your network except the traffic you route to LLM providers.



Why G8, in five answers

Where does it run?
Every part: the console, its database and the engine clusters, on OpenShift, Kubernetes, Docker Compose or virtual machines, with or without internet access. Nothing leaves your network except the traffic you route to LLM providers.

Who changed what?
Every change is written as an audit record before it is applied; a refused change is a record too. The record keeps the actor, the Environment, the time and the values before and after, secrets masked.

How many consoles?
One. Development, Staging and Production are Environments of one installation, each a gateway cluster you already run. Roles come from your Active Directory groups and stop at the Environment; a copy to Production shows what will change before you save.

Where is the data?
Analytics reads the Prometheus of each Environment; Traffic Explorer keeps request records in your Elasticsearch or OpenSearch for as long as you set; alerts go by email or signed webhook.

Who supports it?
The engineers who build G8, in Turkish and English, included in Enterprise licenses; installation and every upgrade with your team.

How we verify

The real engine
Every build runs against a real G8 engine, Elasticsearch, OpenSearch and Prometheus.

Analytics equal to Prometheus
Each number is compared with Prometheus's own answer.

Environments kept apart
Every scoped read is walked against two Environments on two engines.

Audit on every route
Every changing route must leave a completed audit record.

A real domain controller
Sign-in and group mapping tested against a Windows domain controller.

Forms follow the engine
A schema difference stops the build until a person reviews the form.

Editions

Community manages one Environment and is free. Enterprise adds every console feature: as many Environments as you need, Analytics, Traffic Explorer and alerts, the Developer Portal, roles mapped to Active Directory groups, the audit log and CI/CD tokens; it is licensed by gateway node and node type, with engineering support in Turkish and English included. Enterprise AI adds the G8 Copilot. Community is free; Enterprise is a signed license file installed in the console, and the configuration stays when you move.

NEXT STEP

See G8 with traffic like yours. Request a demo at g8.dev/request-a-demo or write to hello@g8.dev. Read next: the G8 API Gateway and G8 AI Gateway datasheets, or the Deployment and Security Brief for your infrastructure team, at g8.dev/downloads.

g8.dev/request-a-demo · hello@g8.dev