

Stop bad data before it hits your warehouse

ContractGate validates every event against rich semantic contracts in real time — quarantine failures, replay when fixed, all before the lake.

THE PROBLEM

Schema drift and bad events are usually found **after** data lands in the warehouse — broken dashboards, reprocessing, and silent ML corruption. Post-hoc quality tools observe the mess; they don't stop it at the gate.

THE SOLUTION

Enforce semantic YAML contracts **at ingestion** (HTTP, Kafka, batch). Invalid events never reach downstream systems. Hold them in quarantine, fix the producer or contract, then replay.

01

Define

Semantic contract (types, patterns, enums, quality rules)



02

Enforce

Validate every event at the gate in real time



03

Recover

Quarantine failures · fix · replay

- **At-ingest validation**

HTTP, Kafka, Kinesis, batch

- **Quarantine + replay**

Hold bad events; retry when ready

- **Self-host free**

[make](#) [demo](#) in minutes

- **Semantic YAML contracts**

More than JSON Schema — ontology + rules

- **Rust performance**

Sub-ms validation · 86k+ events/sec/core

- **Cloud when you need it**

Auth, multi-tenant, Growth \$299/mo

86.1k

events/sec measured throughput (stream demo)

Live demo → app.datacontractgate.com/stream-demo

Open source → github.com/nightmoose/contractgate

Start free · Book a 2-week pilot

app.datacontractgate.com

datacontractgate@nightmoose.com