MULTI-AGENT PLATFORM

Orchestrate

Deploy reliable agent systems with built-in verification.
Trust Cascade economics. Enterprise-grade governance.
Full auditability.

The agent cost problem

Most enterprises route every request to expensive multi-agent systems. But 70% of queries don't need agents at all. The result: 10x higher costs than necessary, slower responses, and unnecessary complexity.

TIER 1	TIER 2	TIER 3	TIER 4
Rules	**ML Models**	**Single Agent**	**Multi-Agent**
Deterministic logic	Pattern matching	Reasoning required	Verification needed
70%	**20%**	**8%**	**2%**

86%
Cost reduction vs pure agents

96%
Accuracy maintained

10x
Faster simple queries

BUILT ON
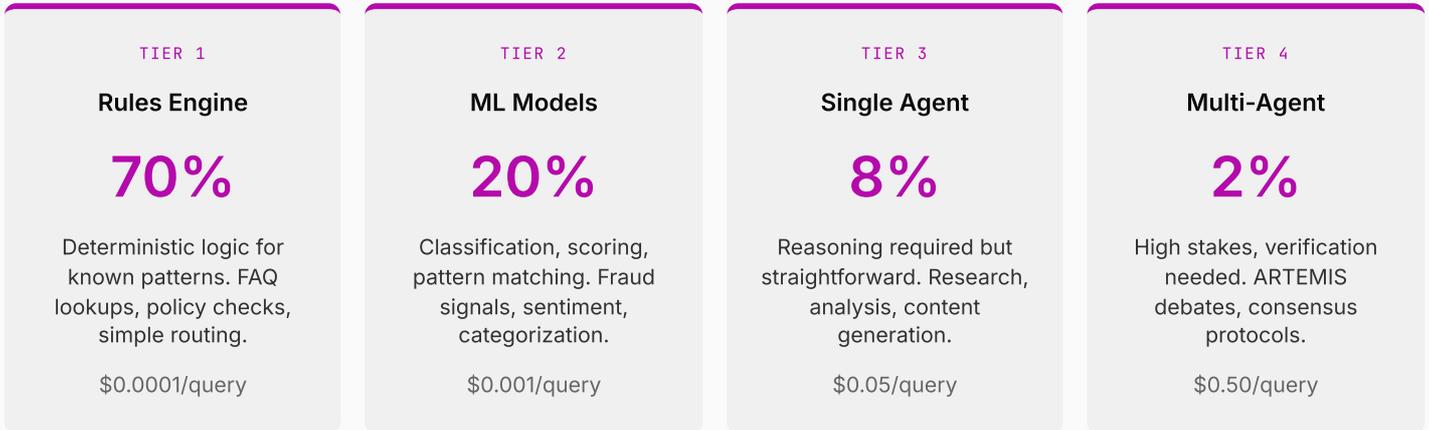rotalabs-cascade and ARTEMIS open source. Verify our verification methods.

INTEGRATES WITH
Guardian for monitoring, AgentOps for governance, Accelerate for performance

01 — TRUST CASCADE

Route decisions to the cheapest sufficient layer

Not every query needs a multi-agent debate. Trust Cascade automatically routes each request to the most cost-effective processing tier that can handle it reliably.

TIER 1	TIER 2	TIER 3	TIER 4
Rules Engine	**ML Models**	**Single Agent**	**Multi-Agent**
70%	**20%**	**8%**	**2%**
Deterministic logic for known patterns. FAQ lookups, policy checks, simple routing.	Classification, scoring, pattern matching. Fraud signals, sentiment, categorization.	Reasoning required but straightforward. Research, analysis, content generation.	High stakes, verification needed. ARTEMIS debates, consensus protocols.
$0.0001/query	$0.001/query	$0.05/query	$0.50/query

86%
Cost Reduction

The Math That Matters

A pure multi-agent approach costs ~$0.50/query. Trust Cascade's blended cost: ~$0.07/query. At 1M queries/month, that's $430K saved annually—while maintaining 96% accuracy on the queries that matter most.

02 — INTELLIGENT ROUTING

How queries get classified

Confidence Scoring

Each tier returns a confidence score. If confidence is below threshold, the query escalates to the next tier automatically.

Stakes Classification

Business rules define what's high-stakes: transaction amounts, customer segments, regulatory implications. High stakes skip to appropriate tiers.

Pattern Learning

The router learns from outcomes. Queries that repeatedly escalate get routed to higher tiers earlier. Efficiency improves over time.

Override Policies

Compliance and risk teams define mandatory escalation rules. Certain query types always go to human review regardless of confidence.

03 — AGENTOPS INTEGRATION

Enterprise governance for every agent

Orchestrate connects to AgentOps for complete agent lifecycle management. Every agent has identity, policy, and audit trail.

Agent Registry

Every agent gets a URN-based identity: `urn:agent:finance:fraud-detector:v2`. Track versions, capabilities, and dependencies across your entire agent fleet.

Policy Enforcement

Define what agents can and cannot do. Resource access, action limits, escalation rules. Policies enforced at runtime, not just documented.

Flight Recorder

Every agent decision captured: inputs, reasoning chain, outputs, confidence scores. Immutable audit log for compliance and forensics.

Composability Mapping

Visualize how agents interact. See dependencies, data flows, and potential failure cascades. Understand your agent topology at a glance.

ARTEMIS: N-Agent Debate Protocol

For high-stakes decisions, single-agent outputs aren't enough. ARTEMIS runs structured debates between multiple agents to surface errors and reach verified consensus.

1	2	3	4
Propose	**Challenge**	**Defend**	**Judge**
Primary agent generates initial response	Adversary agents probe for weaknesses	Original agent addresses challenges	Arbiter evaluates and decides consensus

04 — VISUAL AGENT BUILDER

Design workflows without code

Drag-and-Drop

Design agent workflows visually. Define roles, handoffs, and verification checkpoints without writing code.

Template Library

Start from proven patterns: customer service, research, analysis, approval workflows. Customize for your needs.

Test Harness

Simulate workflows before deployment. Inject failures, test edge cases, validate behavior under stress.

05 — INDUSTRY USE CASES

Where Orchestrate delivers value

FINANCIAL SERVICES

Fraud Detection Pipeline

Trust Cascade routes transactions: rules catch obvious fraud (70%), ML scores suspicious patterns (20%), agents investigate complex cases (10%). 86% cost reduction with higher detection rates.

INSURANCE

Claims Processing

Simple claims auto-processed by rules. Complex claims get agent analysis. High-value claims trigger ARTEMIS debates for verification. Full reasoning capture for audit.

HEALTHCARE

Clinical Decision Support

Routine queries handled by rules and ML. Complex diagnostic support escalates to agents. Critical decisions get multi-agent verification before clinician review.

CUSTOMER SERVICE

Intelligent Routing

FAQ and simple requests handled by rules (instant response). Complex issues get agent support. VIP customers and complaints always escalate to human-in-loop.

06 — PRICING

Plans for every scale

Starter

$1,000/mo

5 agents, 100K agent runs/mo, visual builder, basic logging. For teams getting started with multi-agent systems.

Pro

$5,000/mo

25 agents, 1M runs/mo, Trust Cascade, full audit logs, RBAC. For production agent systems.

Enterprise

Custom

Unlimited agents, ARTEMIS debates, on-premise, custom SLA, dedicated support. For regulated industries.

Pricing is indicative. Contact us for volume discounts and custom requirements.

See Trust Cascade in action
Live demo showing 86% cost reduction on your use case.

Request Demo   **Learn More**