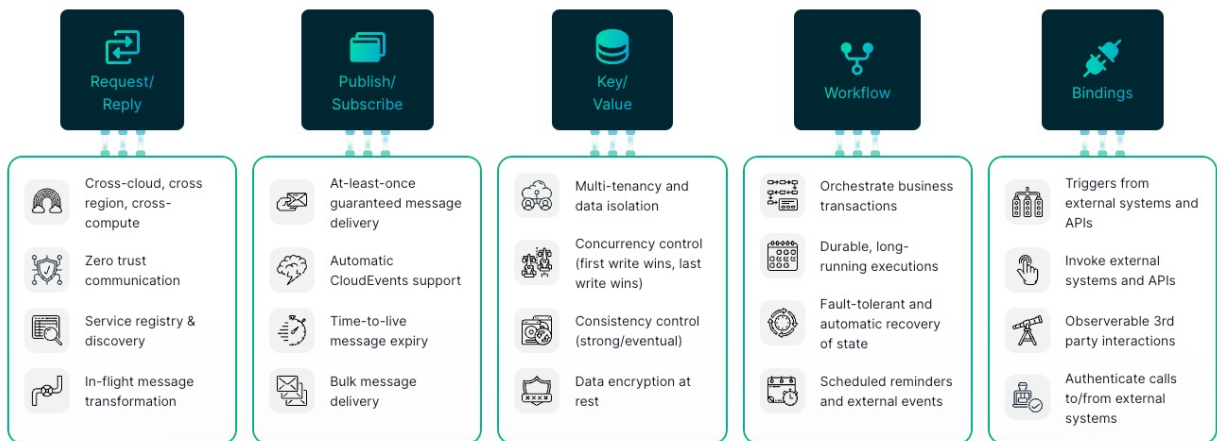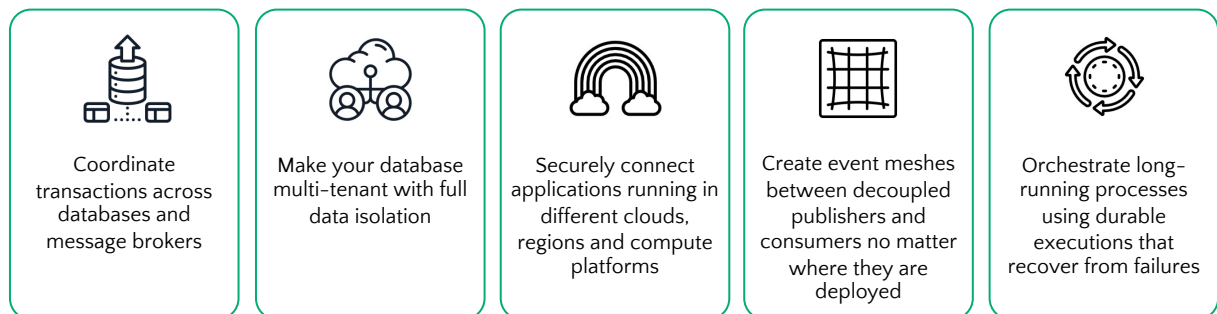# ⊙ Catalyst

Unified APIs for Messaging, Data and Workflow

Diagrid Catalyst is a suite of managed APIs that free developers from the fragmentation of code sprawl, infrastructure lock-in and ever-increasing security vulnerabilities. The APIs enable developers to drastically reduce boilerplate code, and can be used from any cloud and with existing infrastructure.,

Based on the popular open-source Dapr project, Catalyst enables developers to build scalable architectures including durable workflows, complex event-meshes, data multi-tenancy, secure cross-cloud service discovery and coordinated transactions among others, while providing security and resiliency to dozens of cloud services. Catalyst works with your existing infrastructure and can be accessed securely from code running in any cloud or on-premises datacenter. Catalyst is in early access, now accepting a limited number of developers to try it out.

Request/ Reply	Publish/ Subscribe	Key/ Value	Workflow	Bindings
Cross-cloud, cross region, cross-compute	At-least-once guaranteed message delivery	Multi-tenancy and data isolation	Orchestrate business transactions	Triggers from external systems and APIs
Zero trust communication	Automatic CloudEvents support	Concurrency control (first write wins, last write wins)	Durable, long-running executions	Invoke external systems and APIs
Service registry & discovery	Time-to-live message expiry	Consistency control (strong/eventual)	Fault-tolerant and automatic recovery of state	Observerable 3rd party interactions
In-flight message transformation	Bulk message delivery	Data encryption at rest	Scheduled reminders and external events	Authenticate calls to/from external systems

Supercharge your existing code and infrastructure with security, resilience, and telemetry. Our enterprise-grade APIs deliver consistent interactions with any infrastructure.

Coordinate transactions across databases and message brokers	Make your database multi-tenant with full data isolation	Securely connect applications running in different clouds, regions and compute platforms	Create event meshes between decoupled publishers and consumers no matter where they are deployed	Orchestrate long-running processes using durable executions that recover from failures

Diagrid is Trusted By: IBM · FICO · ZEISS · BD

AICPA SOC · Schréder HYPERION · Alegeus · THE SHARPER IMAGE · ETHOS GROUP · DERIVCO

IGNITION GROUP · dotmatics knowledge solutions

Catalyst

Unified APIs for Messaging, Data and Workflow

Freedom From ...

Code Sprawl
Reduce boilerplate code, utilize common software patterns and make your code lean.

Lock In
Consistent APIs to interact with all popular databases, message brokers and more. Swap out different infrastructure with zero code changes, minimizing risk and refactoring.

Increased Security Vulnerabilities
Enable multi-tenancy, authentication and unique identities across your applications and infrastructure, providing holistic zero-trust security that spans applications and cloud services.
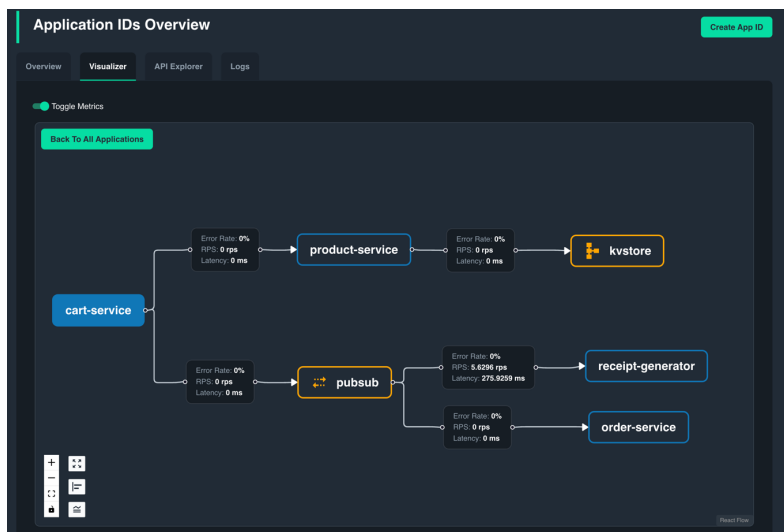
Unpredictable Infrastructure
Add resiliency and fault-tolerance to your infrastructure with circuit breakers, retries, timeouts and rate limiters, without any additional code.
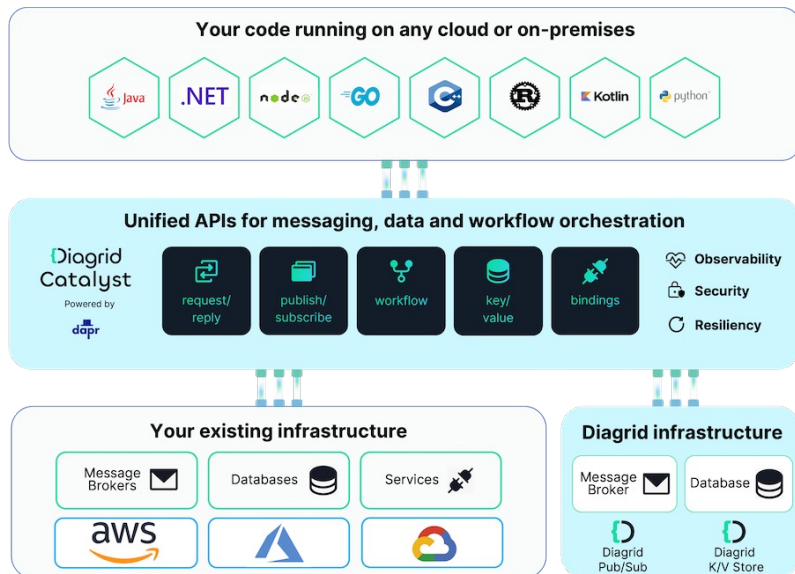
Works with your existing infrastructure, or why not try ours!

Catalyst is a fully managed suite of APIs that you call from your application, written in the language of your choice. Catalyst connects to your existing backing services or you can use Diagrid's serverless offerings for convenience.

Join the Early Access Waitlist
diagrid.ws/catalyst-early-access

Watch a Catalyst demo
diagrid.ws/catalyst_demo

Talk to us about Catalyst
diagrid.ws/meet

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dapr