

Dynamic authorization for AI, Data and Apps

Centralize authorization.
Make real-time access
decisions. Enforce
them everywhere.

The **Axiomatics Authorization Management Platform** provides a centralized authorization layer for AI, Data, APIs and Apps — enabling organizations to define access policies centrally, make context-aware decisions in real time, and enforce them consistently wherever access happens.

Why Authorization Has Become a Business Problem

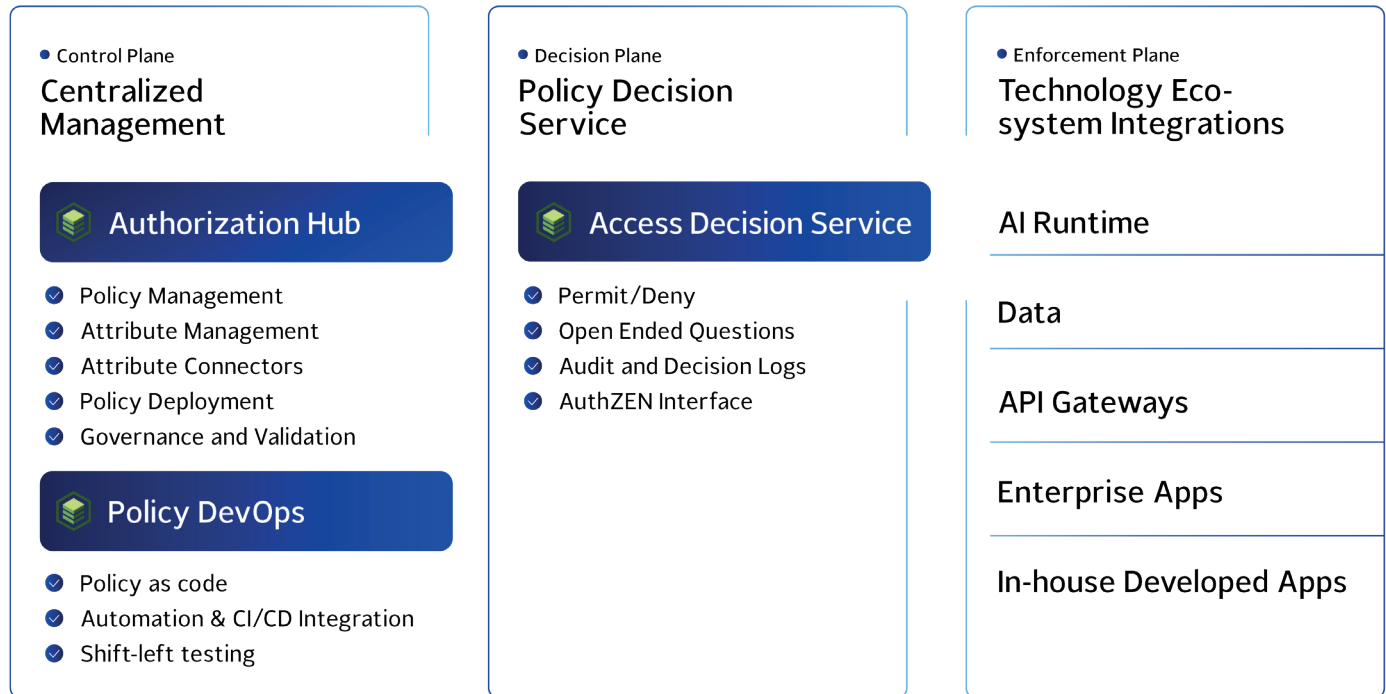
01. Authorization logic is scattered Access rules embedded across applications, APIs, and data platforms create inconsistent controls and hidden gaps in visibility.	02. Roles don't provide enough context Static permissions can't adapt to changing risk, location, or context, leading to role explosion and growing security gaps.	03. Modern architectures multiply the attack surfaces APIs, microservices, cloud platforms, and distributed applications each multiply the places access must be consistently enforced.	04. AI introduces a new class of actor AI agents access data, call APIs, and act on behalf of users, creating risks traditional identity controls cannot address.	05. Organizations need to prove access decisions Security and audit teams need to understand not only who had access, but why an action was permitted or denied.
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What Changes When Access Becomes Dynamic

TRADITIONAL ACCESS		DYNAMIC AUTHORIZATION
Roles and permissions	→	Policy, attributes, and context
Mostly static	→	Evaluated at runtime
Application-specific	→	Centrally managed
Primarily human users	→	Humans, services, and AI agents
"Does this user have access?"	→	"Can this actor perform this action on this resource, under these conditions?"

One Authorization Management Platform. From Policy to Enforcement.

One platform, three planes: policy is managed centrally, decisions are made in real time, and enforcement happens wherever access occurs.



Control Plane Authorization Hub

Centralize policy, attributes, and teams in one place. Define fine-grained access controls using ALFA's natural-language syntax through either a visual interface or raw code. Test, automate, and deploy seamlessly through your existing CI/CD pipelines, just like any other software.

- Policy authoring in ALFA
- Attribute management
- Policy as code
- CI/CD integration
- Team collaboration

Decision Plane Access Decision Service

A high-performance & scalable runtime engine that evaluates every access request from binary decisions to open-ended queries like 'What can Alice do?' while logging every outcome for total traceability.

- High-performance
- Binary and open-ended queries
- Runtime attribute retrieval
- Scalable & Flexible Deployment
- Full decision logging

Enforcement Plane AI, Data, APIs and Apps

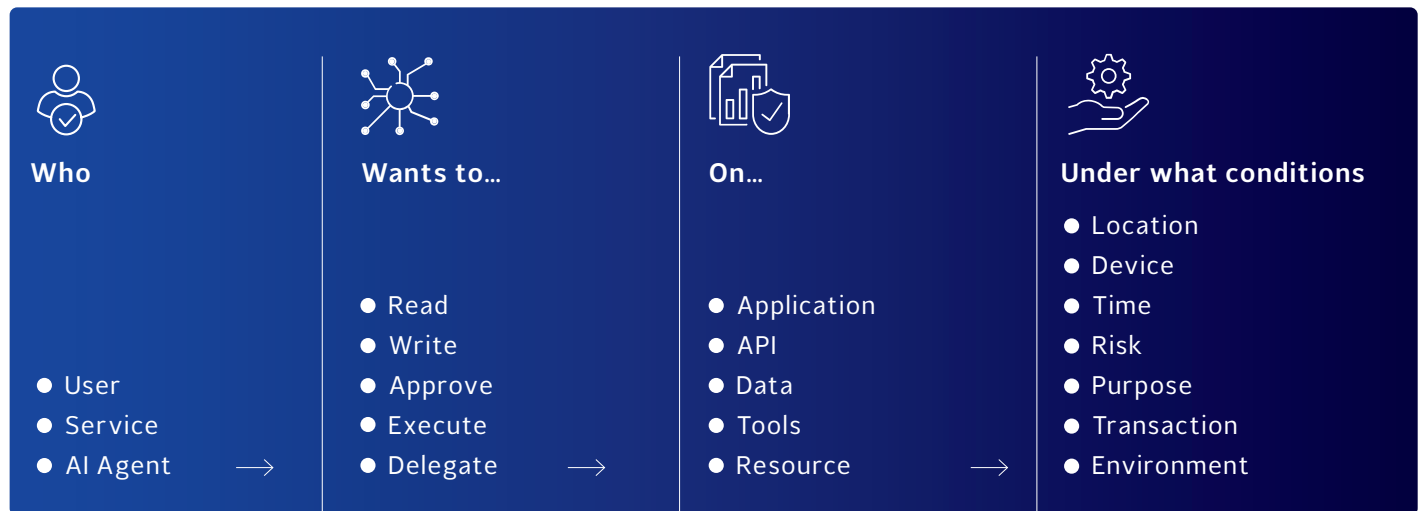
Use a ready-made integration for common gateways, apps, and AI runtimes, or connect anything through the SDK, REST API, or OpenID AuthZEN. Either way, developers integrate one simple request-and-response call, and the enterprise keeps one governed decision point instead of logic duplicated everywhere.

- Ready-made or custom integration
- SDK, REST, or gateway
- No security logic in app code
- One governed policy multiple apps



Make the Right Authorization Decision in Context

Dynamic authorization goes beyond asking whether a user has a particular role. Axiomatics evaluates the actor, requested action, protected resource, applicable policy, and current context to determine what should be allowed.



Can this action happen now?

The Axiomatics Authorization Management Platform evaluates **policy + context** to make a real-time authorization decision that can be enforced at the point of access.

Open by design

Authorization logic stays independent of any single vendor or application, built on open standards, so nothing here locks you in.

- **ALFA** – the language you author policy in
- **XACML** – the standard the decision engine runs on
- **OpenID AuthZEN** – the standard interface between enforcement points and the decision service
- **SCIM** – the standard for pulling identity attributes at runtime

Explainable & Auditable

The Axiomatics platform makes every decision explainable, with a clear record that is easy for auditors to review.

1 Understand

Answer questions such as who can access what and what a particular user, service, or agent can do.

2 Trace

Connect any runtime decision back to the exact policy, rule, and version that produced it.



3 Prove

Turn that traced decision into evidence for access reviews, investigations, and compliance reporting.



4 Integrate

Connect authorization activity with security and governance ecosystems, including SIEM, and incorporate external context into authorization decisions.



Platform Benefits

From modernizing applications to governing AI agents, the Axiomatics platform gives you one way to control access, wherever it happens.



Replace Static Roles

Replace growing numbers of static roles with policies you author once, reuse across applications, and that respond to context in real time.



Secure APIs & Services

Protect distributed services at the gateway or in the service itself, with fine-grained decisions at the point of access.



Protect Sensitive Data

Control access based on identity, purpose, jurisdiction, risk, and other relevant business and security context.



Govern AI Agents

Control which data, APIs, and tools AI agents can access, and which actions they can perform.



Enable Zero Trust

Replace implicit trust with dynamic, per-session access decisions, in line with NIST SP 800-207.



Support Governance & Compliance

Give every access decision a clear owner and a record, ready for audit, access reviews, and investigations.



Scale with Control

Enable business units to work independently while maintaining consistent authorization and compliance across the organization.

About Axiomatics

Axiomatics – a Leonardo Company is the originator and leading provider of runtime, fine-grained authorization delivered with attribute-based access control (ABAC) for applications, APIs, data, and AI systems. The world's largest enterprises and government agencies rely on the Axiomatics Authorization Management Platform to centrally define and enforce dynamic access control.

axiomatics.com
info@axiomatics.com
US Office: +1 (312) 374-3443
Europe Office: +46 8 51 510 240

