Centralized Authorization Management with Distributed Enforcement

Technology stacks and databases evolve and grow to meet business initiatives over time. This comes with security risks since its' growth corresponds with the growing exposure of data to more users and services. While third party solutions may provide basic authorization capabilities, it misses the mark for addressing latest best practices in security and fine-grained access controls.

Many enterprises struggle with inconsistent or the lack of distributed enforcement across deployment patterns such as API gateways, microservices, data lakes, identity providers, and more. Building authorization is resource intensive because solutions typically require heavy customization and coding for integrations to work across platforms – it's typically done on a siloed, and per application basis. A unified approach for homegrown applications and third party solutions is critical because it arms the enterprise with centralized management and end-to-end visibility of who has access to what.

PlainID removes the burden of authorization for IT, security, and developers with a solution that's cross-platform and addresses all deployment patterns. **PlainID Authorizers**™, part of the **PlainID Authorization Platform**, are out-of-the-box integrations that makes authorization simpler and more consistent. Authorizers quickly extend authorization capabilities to enforcement points across the technology stack. Technical and business-oriented teams are empowered with a standardized authorization approach which enables them to focus on delivering products and services faster, and more secure than before.

Business Values

Enable Secure Data Collaboration
PlainID delivers ready-to-use Authorization-as-a-Service to support dynamic and fine-grained access controls across APIs, microservices, data, applications, and more.

Minimize Risk With an Identity-first Security Strategy
Take a proactive approach to access that addresses Zero Trust challenges and continuous authorization in real-time by securely connecting identities to digital assets.

Better Manage Access Policies
Consistently and continuously secure data access with access policies for all types of data with end-to-end visibility from a centralized management platform.
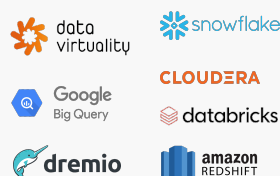
Secure Data Collaboration
Ensure authorized data-sharing internally and externally with partners, vendors, suppliers, and customers. Protect data exchange between sources to maintain data privacy and compliance with advanced access controls.

PlainID Authorizers for Enterprise Technology Patterns

Microservices & APIs

Kuma, Istio, Amazon API Gateway, apigee, Consul, Kong, LINKERD, envoy

Data & Data Lakes

data virtuality, snowflake, Google Big Query, CLOUDERA, databricks, dremio, amazon REDSHIFT

Identity Providers

Auth0, Ping Identity, Azure Active Directory, ForgeRock, okta

Applications

</>, Open Policy Agent

Cloud Infrastructure

Azure, aws, Google

Identity Governance

SailPoint, SAVIYNT

# How PlainID Authorizers Map Across Technology Patterns

Authorizers (What)

- PlainID Authorizers are out-of-the-box integrations for specific technologies to control authorization for various technology patterns
- The Authorizer is specific for third party solutions (e.g. Snowflake Authorizer, Okta Authorizer, and many more)
- Authorizers can be applied at different enforcement points to bolster security (e.g. addressing data security at the the service mesh and the data level)

Technology Patterns (Where)

- PlainID Authorizers can be deployed at distributed enforcement points to leverage the PlainID Authorization Platform for access control
- Technology pattern types include:
  1. Application
  2. API Gateway
  3. Microservice
  4. Data
  5. Identity Governance
  6. Identity Provider

Deployment Method (How)

- The technical implementation of Authorizers can be in various forms such as a sidecar, plugin, proxy, or token enrichment depending on the enforcement point
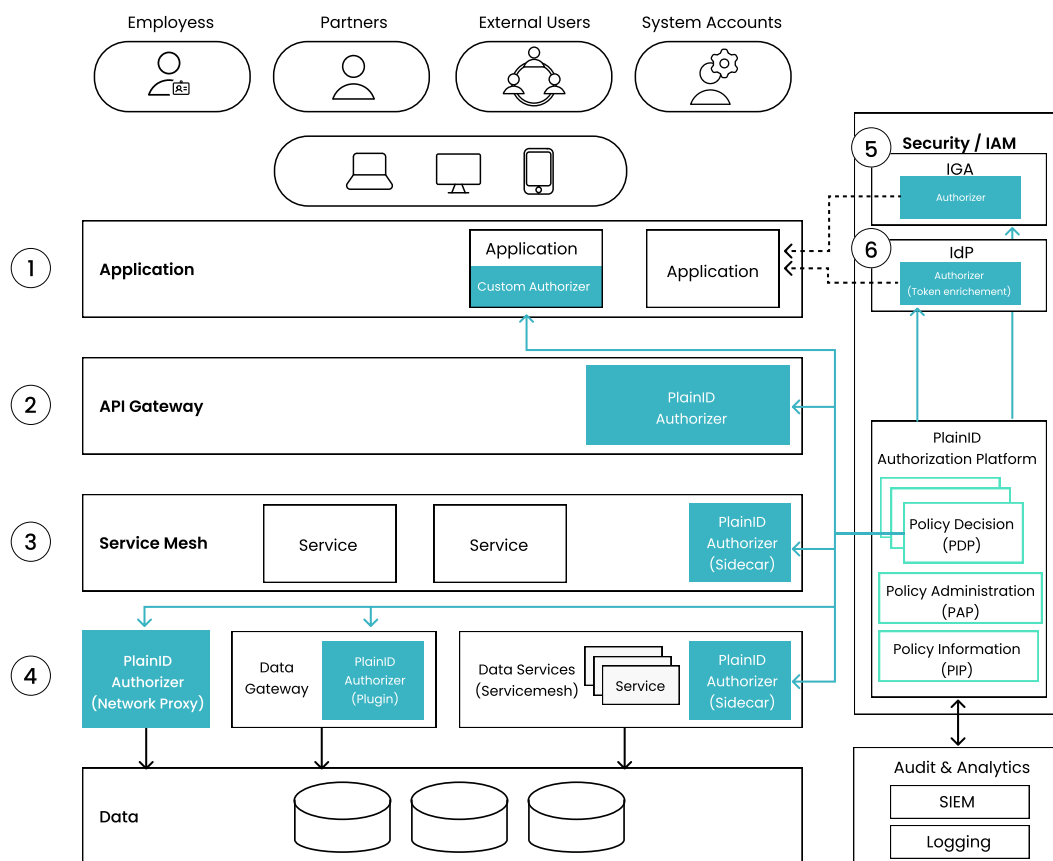
About PlainID

PlainID, the Authorization Company, simplifies the complexity businesses face when securely connecting identities to digital assets. Powered by PBAC, PlainID provides a SaaS-based, centralized policy management platform with decentralized enforcement to manage who can access what across the enterprise technology stack; including applications, data, API, microservices and more.

Visit us