Modernize Authorization for Legacy & Offline Systems

Identity-aware security, powered by Policy-Based Access Control (PBAC)

Identity-Aware Security for Legacy Systems

Ensuring secure and consistent authorization can be challenging for systems reliant on offline or legacy technologies. These environments often depend on admin-time authorization systems and static files, leading to inconsistencies, and increased risk. Without a dynamic, scalable authorization solution, organizations struggle to maintain secure access and ensure compliance as their needs evolve.

As businesses modernize, the demand for centralized, policy-based access control grows. Enterprises require solutions that streamline authorization processes, reduce technical complexity, and provide secure access across diverse systems.

Improve Security & Modernize Legacy Authorization

The **Access File PlainID Authorizer™** provides a powerful, scalable solution to bring Policy-Based Access Control (PBAC) to systems with integration limitations, such as legacy or offline environments. It enables enterprises to modernize their authorization processes without requiring costly upgrades or re-engineering.

Key capabilities include:

- **Identity-Aware Authorization Decisions:** Delivers secure, policy-driven decisions to ensure compliance and consistency across systems
- **Bulk Authorization Calculation:** Process large-scale authorization decisions and generate templated, identity-aware granular access decisions.
- **Customizable Flows:** Support regular, full, and partial processing to align with policy changes and optimize performance
- **Dynamic Authorization Structure:** Customize authorization to align with your technology requirements, such as mainframe, SQL, Linux, and more while supporting granular groups, role entitlements, or dynamic access instructions.

Streamline your enterprise's complex authorization processes, reduce operational overhead, and confidently secure access to data across diverse, non-integrative systems.

Business Impact

✓ **Central Policy Management**
Manage access to data in offline and legacy systems with a business driven policies to provide consistent access decisions across apps.

✓ **Standardize Enterprise Authorization**
Deliver a modern and user-friendly authorization experience across all apps including legacy and offline apps with minimal effort.

✓ **Flexible Deployment Models**
Integrate seamlessly with Kubernetes-based scaling and operational database connectivity for optimal performance.

✓ **Address Compliance & Auditing**
Ensure alignment with regulatory requirements by maintaining consistent, auditable access decisions across all enterprise systems.
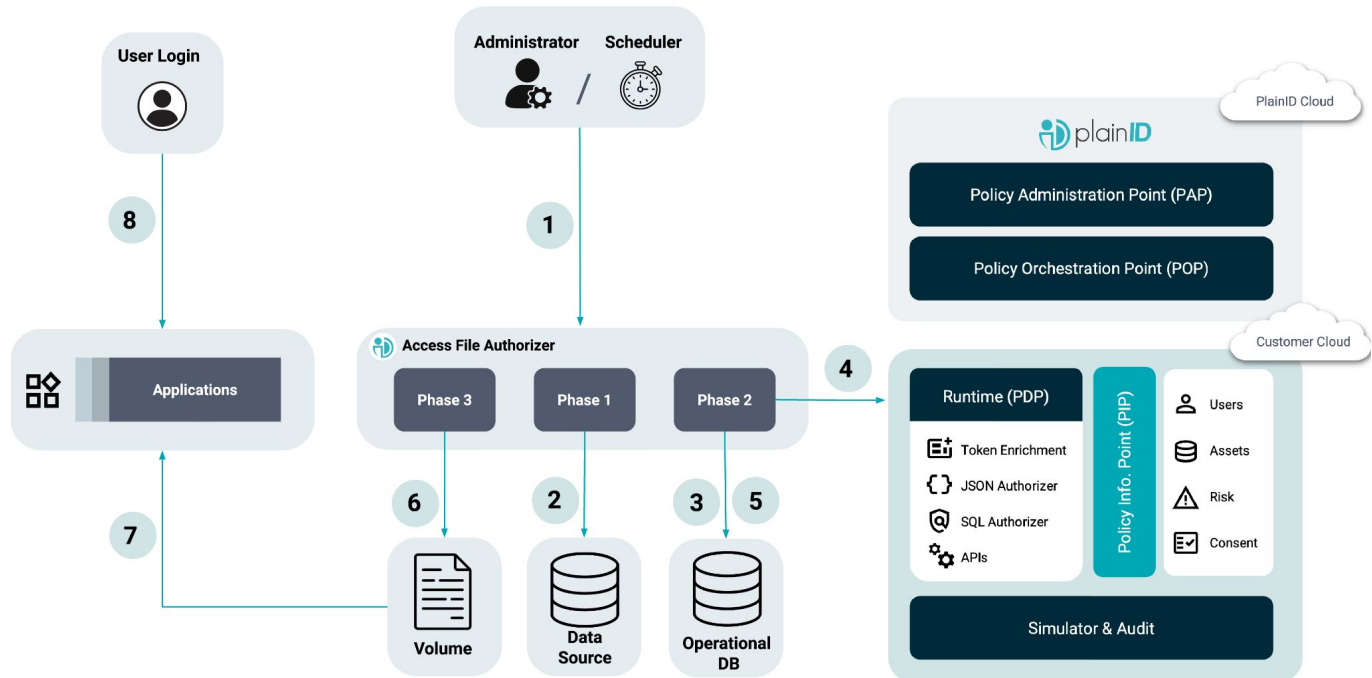
Technical Insight

Select the best bulk authorization processing flow for your enterprise's needs:

Regular Processing: Updates new or changed users.

Full Processing: Recalculates all users for system-wide updates.

**Partial Processing:** Targets specific user subsets.

How the Access File PlainID Authorizer™ Works

1. An access file is generated, initiated either by an administrator or automatically through a scheduling mechanism.
2. The Authorizer reads a list of subjects from the client's data source.
3. The Authorizer writes the retrieved subjects to an operational database.
4. The Authorizer queries the PDP to calculate an Authorization Decision for each subject.
5. The PDP's access decisions are stored in the operational database for each subject.
6. The Authorizer generates an access file for all subjects and saves it in the storage volume.
7. Applications retrieve and use the access file to enforce user access.
8. User actions in the Application are approved or denied based on the Authorizations provided in the access file.

Future-proof Your Enterprise

The **PlainID Integration Hub** is designed to address the complex challenges of enterprise access control. By offering out-of-the-box Authorizers™ and Integrations, it allows for a standardized approach across varied and distributed infrastructures – unifying disparate access controls under one platform.
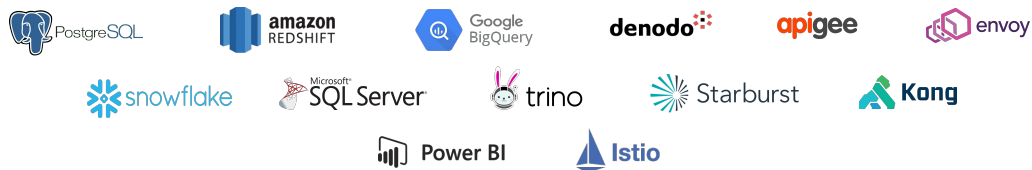
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