



SOLUTION BRIEF

Extend Zero Trust Policies to Unstructured Data

Empowering Zero Trust with
Unstructured Data Management

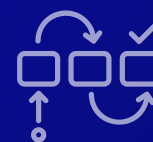
In the digital realm, where [Zero Trust](#) security models are paramount, the focus often remains narrowly on structured data and core applications. This oversight leaves a critical gap, as 80-90% of organizational data is unstructured and not fully protected. Traditional solutions, including productivity suites like Microsoft 365, offer “limited or nothing” security measures. These can hinder collaboration and prompt employees to seek alternative data-sharing methods, compromising security protocols.

To bridge this gap, Axiomatics has partnered with eShare, integrating advanced risk-based access control tailored for unstructured data. This collaboration ensures that sensitive files are securely managed, shared, and protected at the file level. With eShare, organizations gain the ability to maintain file continuity, eliminate redundant data, and facilitate secure external collaborations. Integrating with Axiomatics’ [policy-driven authorization solution](#), enterprises can deploy fine-grained [attribute-based access control \(ABAC\)](#) policies. These policies dynamically assess various attributes in real-time to determine permissible file sharing actions, enhancing both security and compliance.

Key features

Custom policy workflows

Tailor collaboration policies to fit the unique needs of your organization, enabling efficient job performance while adhering to legal and compliance standards.



User-friendly experience

Offer end-users the ease of intuitive controls within your organizational branding, streamlining collaboration and outpacing unsanctioned workarounds.



Data duplication elimination

Centralize your data within your secure tenant, leveraging existing security investments to share controlled access that can be subsequently revoked.



Streamlined Sharing and Compliance

The shift towards ABAC and an external authorization architecture empowers organizations with dynamic, fine-grained access controls. These controls provide real-time policy enforcement without being anchored to the application's update cycle. This externalization of policy decisions enhances flexibility, allowing for seamless updates and integration with multiple attribute sources.

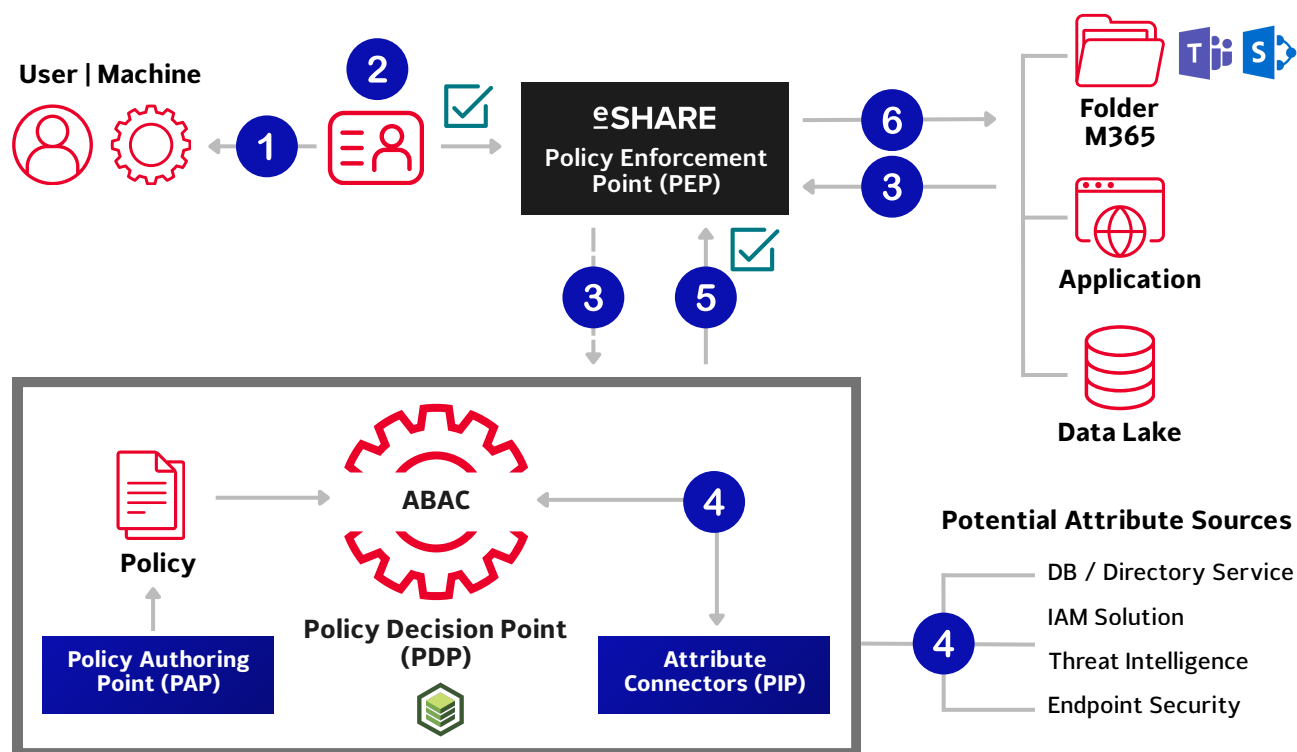


Figure A: ABAC's role in Zero Trust

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|---|---|
| <p>1 Access Attempt
A user or machine initiates an access request to a resource (e.g., folder, app, data lake).</p> | <p>4 Decision Making
The PDP evaluates the access request against the policy, considering various attributes.</p> |
| <p>2 Authentication
The entity is authenticated via the chosen identity provider.</p> | <p>5 Response
A Permit/Deny verdict is returned to the PEP, potentially with additional advice or obligations.</p> |
| <p>3 Policy Enforcement
The Policy Enforcement Point (PEP) relays user details to the Policy Decision Point (PDP) for a policy assessment.</p> | <p>6 Action
Access is granted or denied based on the PDP's response, ensuring actions align with policy decisions.</p> |

The Axiomatics and eShare combination enables organizations to easily embrace the benefits of a digital workplace while aligning with the principles of Zero Trust. Together, Axiomatics and eShare provide a seamless experience (especially for users familiar with Microsoft's environment) that ensures secure and compliant collaboration.

About eShare

[eShare](#) offers a robust data collaboration platform optimized for Microsoft 365 environments, ensuring regulatory compliance and data protection for both internal and external collaborations. With its remarkable growth trajectory, eShare caters to diverse sectors, including healthcare, finance, technology, government, retail, and professional sports, embodying the ethos of powerful collaboration.

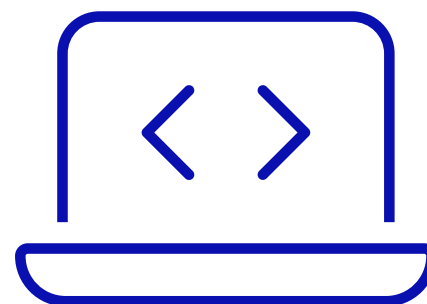
eSHARE

eShare – **Collaborate Powerfully.**

Take the next steps

Learn how a security vendor can help secure your access control while allowing you to focus on your core business initiatives.

[Meet with our solution experts for a demo](#) of our Axiomatics Authorization Management Platform and discuss how our approach can save your organization time and money.



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Axiomatics - a Leonardo Company is the originator and leading provider of runtime, fine-grained authorization delivered with attribute-based access control (ABAC) for applications, data, APIs, and microservices.

The company enables enterprises to effectively and efficiently connect Axiomatics' award-winning authorization platform to critical security implementations, such as Zero Trust or identity-first security. The world's largest enterprises and government agencies continually depend on Axiomatics' award-winning authorization platform to share sensitive, valuable, and regulated digital assets – but only to authorized users and in the right context.

Follow us on LinkedIn: <https://linkedin.com/company/axiomatics>

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Learn more or request a demo of our solution:

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