

Manufacturing: The Essential Guide to Sharing and Securing Sensitive Data.

Mission

Today's manufacturers are the custodians of a wealth of sensitive data. Not only do they need to safeguard their own IP, but also data gathered from connected products in use by customers. Privacy, IP protection, compliance, and internal controls all need to be balanced with the need to get better products to market more quickly and provide better service, as well as monetize data where appropriate.

About Axiomatics

Axiomatics works with leading manufacturers and consumer product goods companies to help them meet their access control needs. Through a policy-based approach to dynamic authorization that utilizes the Attribute Based Access Control (ABAC) model, Axiomatics helps companies in the manufacturing sector meet the need to lock down sensitive data while securely sharing with authorized users.

The Specifics

What: Global manufacturers can address IP and new data privacy challenges by managing access to sensitive data with dynamic authorization.

Why: Axiomatics is the leader in fine-grained authorization: the most adaptable and scalable way to solve complex IP and data privacy security concerns. Today, leading automotive, pharmaceutical, CPG, media and defense manufacturers utilize our solutions to safeguard and share sensitive data in order to facilitate and speed up time-to-market.

Who: There are many internal stakeholders that benefit from a dynamic approach. ABAC helps security architects work with IT and the CISO's organization to make sure IT enhancements meet security demands – and become a positive boardroom conversation. Information owners are assured that data cannot be manipulated or leaked when at rest. Compliance officers and auditors also take an active interest in how ABAC helps the organization meet and prove compliance.

How: Axiomatics provides a suite of solutions that enforce dynamic authorization at application, API database and data layers, from one centrally managed point. They take into account the full context under which a user wishes to access data, and permit or deny access accordingly. Our solutions support unlimited users, applications, roles, jurisdictions and requirements. Advanced auditing and reporting tools also ensure compliance is met on an ongoing basis, while real-time controls allow policy changes to be enforced in the moment to meet quickly changing regulatory environments.

An Intellectual Property Use Case in Action

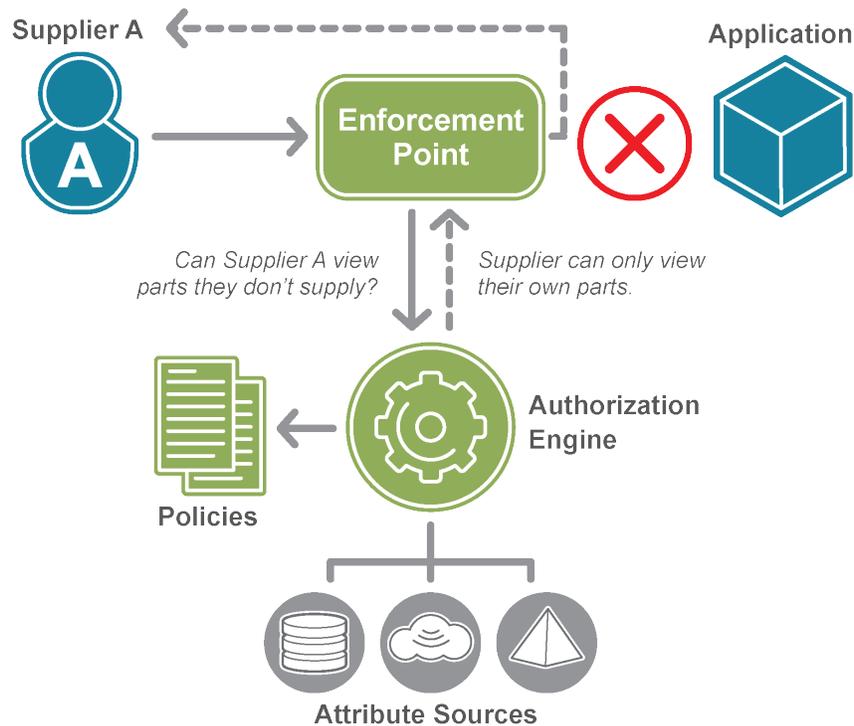
A global manufacturer uses the Axiomatics Solutions Suite to enforce fine-grained authorization on IP-sensitive material. These access controls, which if not in place would make international collaboration virtually impossible, help accelerate R&D while ensuring all parties are compliant.

The manufacturer defines the key attributes such as a user's citizenship, role and current location, as well as relevant regulations, and specific product lifecycle management attributes, such as the stage of a project. These help determine what data can be accessed at any particular time by a user and for what purpose.

For example, an employee at an off-site supplier can work on the development of a product part that the supplier is involved in developing. But the same employee cannot access data about the other product parts that end up in the final product.

These attributes are used to build policies that help meet requirements from the business. Corporate policies define the conditions under which sensitive data can be accessed and the Axiomatics Policy Server and the Axiomatics Data Access Filter enforces them, efficiently and effectively. If all the right conditions are met when a user attempts to access data authorization is granted.

These policies are managed centrally, which means making changes to policies once, and having them apply globally. They help enforce Export Administration Regulations (EAR) Export Control Classification numbers (ECCN) and International Traffic in Arms Regulations (ITAR), among others.



To find out more or read about how companies are meeting privacy regulations and securing databases with ABAC, visit www.axiomatics.com