Privacy by Design
PriVaults is built with the Privacy by Design principle. This means that when designing your storage for an application the developer need to consider the reasons what data is stored and retrieved for what reasons.

Privacy by Default
Privacy should be guaranteed by default. PriVaults helps the developer to create anonymous applications. Only when personal details are needed for application to function properly they should be requested to the user.

Single sign on system
Instead of making many user systems within an organisation PriVaults serves as a single sign on for users. Users won’t be bothered with the same purpose question any time but instead need to give their consent only one time.

Right to be forgotten/ Interface for privacy usage for users
PriVaults has an interface for the user to see their details and request features like to be deleted. The can see what information is stored and used for what purposes.

Logs for PO/DPO (privacy officer/data protection officer)
All the data that is accessed, is logged within the PriVaults system.

The logs can be exported for a review and show which application is using which private information at what time.

Communication bridge between developers and DPO/PO
Developers can focus on the storage and permissions of an application. While they still need to describe what information they are using for what purpose they can still do this in a technical way. DPO’s can review the permissions and bundle them into human readable purposes.

Passwordless
Since passwords are not a secure way of protecting privacy data, PriVaults is completely passwordless.

Graph database
Whilst PriVaults helps you to enforce privacy by default an organisation could still end up with lots of interesting data. PriVaults is built on top of enterprise graph database system that is easy to scale, and have features like cluster failover.

GraphQL interface
To access the data within PriVaults GraphQL is used as interface language. With this method it is easily retrieve and update information from different platforms/programming languages and makes sure you only retrieve the information the application really need.

About PriVaults
PriVaults is a storage service that focuses on Privacy by Default and Privacy by Design. It has a single sign on authentication service and offers tools for users to request their deletion and or see what data of them is stored. PriVaults tries to be GDPR compliant in every way while keeping the ease of programming. PriVaults is a Pluxbox solution.

About MARCONI
The MARCONI project aims to bring radio experiences to the next level by enabling fully interactive and personalised radio solutions, integrating broadcast radio with digital and social media. Communication channel in various ways. Visit for more information: projectmarconi.eu