

sensXPERT

Data Security Summary



Your data security is our highest priority

To ensure the data security of our customers, we work together with Amazon Web Services, one of the largest and most secure cloud services.

Information security program

At sensXPERT, we take security seriously. In the process of developing the MVP (Minimum Viable Product) further, our state-of-the-art security grows even more. Every sensXPERT built is separately tested for its security.

sensXPERT application security

sensXPERT is primarily hosted on AWS, giving us access to the benefits they provide their customers such as physical security, redundancy, scalability and key management.

Storage encryption

Data that is moved to long-term storage is only ever stored in an encrypted way. sensXPERT uses Amazon RDS for its Postgre Database and Amazon S3 for binary storage. For both, sensXPERT uses strong encryption.

Transport Encryption

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Separation of concerns

There is a clear separation of concerns and there are multiple systems / programs with clear responsibilities. All systems communicate with each other, but only over defined APIs that are also protected by applications like ClientIDs and ClientSecrets.

No direct data access

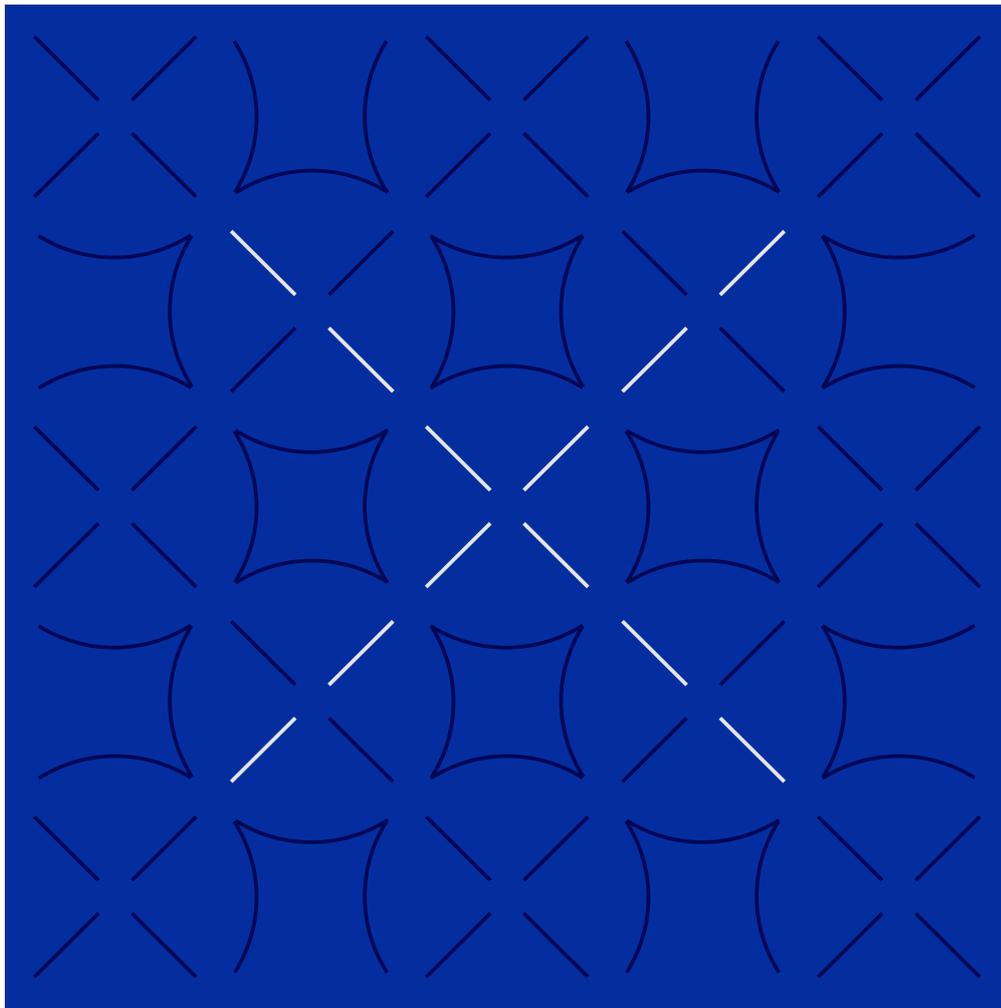
End-Users (including Admins) do not have access to the underlying storage of the sensXPERT cloud. Users (including the IPC) are only allowed to change the data over defined APIs, and the API has limitations on what can be done using it. Only the application owners and developers have access to the storage. All keys are stored in a secure and safe way (encrypted password vaults and credential storage).

Snapshots

The storage backend used by sensXPERT (Amazon RDS and Amazon S3) supports Snapshots. A snapshot is a read only representation of the storage / database at a certain point in time. Snapshots can not be modified under any circumstances and are not visible or controllable in the sensXPERT web interface either. They are manually or automatically created, and ensure that the system can always be rolled back to a previous state.

For more details visit [S3 Versioning](#) and [RDS Snapshots](#)

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sensXPERT

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