



Data security

Project Overview

Data at rest security

The Client

A patient engagement company.

Key Benefits

- ❖ Data security

The Business Challenge

The personal health information is one of the highly confidential data of an organization within a region, community or hospital system or even person. The personal health information (PHI), which HIPAA requires must remain private and confidential at all times, which includes data at rest and data at transit.

Our Solution

To satisfy the customer needs, Stabilix proposed a security framework with AES encryption for data at rest and decryption and encryption key will be stored in a Hardware Security Module (HSM). Hardware security modules stores cryptographic keys inside a hardened, tamper-resistant, environment specific device. So extremely high sensitivity data's are protected by the HSM. This device is specially designed one so that no one can breach into it.

If any failure to main HSM device happen, a backup HSM device, which is an exact replication of main HSM device, will become active which makes the systems encryption-decryption process fail proof.



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