



# DATA SOVEREIGNTY IN THE COMMERCIAL CLOUD

## Ensuring Privacy, Securing Data, Providing Complete Chain of Custody.

The General Data Protection Act (**GDPR**) applies to all member countries of the European Union (EU). In simple terms, GDPR explains what guidelines businesses worldwide must follow to process personal data legally. In practice the rules are quite stringent, with heavy penalties attached to any infringement of these rules.

Data sovereignty mandates that data must follow local laws of the jurisdiction in which it is created. These requirements affects where data can be processed and stored, potentially impacting cloud performance and scalability.

## The Challenge



### Data Privacy

GDPR compliance standards extend from the edge to the cloud, throughout the data lifecycle. How can you ensure and prove that data is not accessed by 3rd party vendors?



### Cloud Technology

Exposes data outside of country of origin. Risk of data accessibility by US Authorities as a result of cloud providers being subject to Patriot and Cloud Act.



### Group Technology Standards

Group-wide deployments such as Microsoft Office 365 could expose Swiss data.



### Data Provenance

Requirements to keep a specific record of the origin and history of data to ensure data provenance, traceability, and accountability

We help keep EU citizens' and residents' data private from unauthorized access while meeting data sovereignty, localization and residency burdens. In addition to ensuring data sovereignty, our solution ensures the highest level of data protection.

Our solution automatically secures individual pieces of data, enforce rules, and tracks the data's journey beyond the limits of a single setting. Our unique approach to zero-trust data protection means that data is secured at rest and wherever it travels, even after it has left your control. We manage this through advanced quantum safe encryption applied at the record level with associated policies that address the most pressing challenges for both data security and data privacy needs.

## Our Solution

### Data Sovereignty, Localisation & Residency

Our privacy by design, privacy by default approach ensures complete compliance with privacy regulations of all global jurisdictions. Keep absolute control of who sees your data, where data is accessible and when data can be accessed to ensure compliance and security.

### Secures private cloud, AWS, Azure, GCP

Our automated external key storage technology geofences data access, powering essential customer control around the world to meet global digital sovereignty requirements without compromising on capabilities.

Our approach protects all non US clients from the provisions of the Patriot and Cloud Acts, enabling EU organizations to compliantly use multi cloud infrastructure.

### Collaboration with Confidence

Our technology can be integrated with all software solutions and legacy infrastructure delivering data a stress free, compliant and secure journey wherever it travels.

### Forensic Level Chain of Custody

We provide complete chain of custody on data with details such as who created the data, how it was modified, and the path it followed throughout its lifecycle

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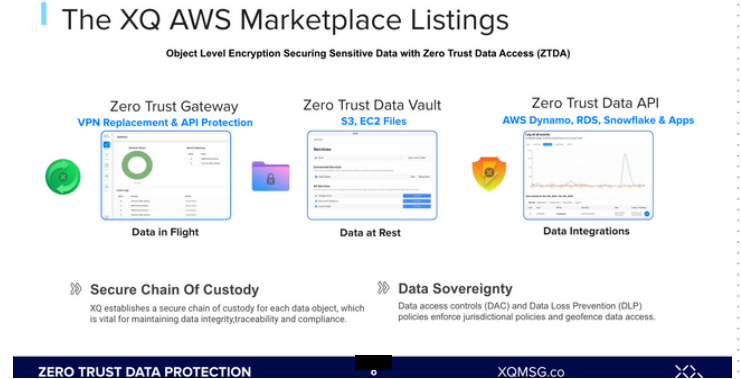
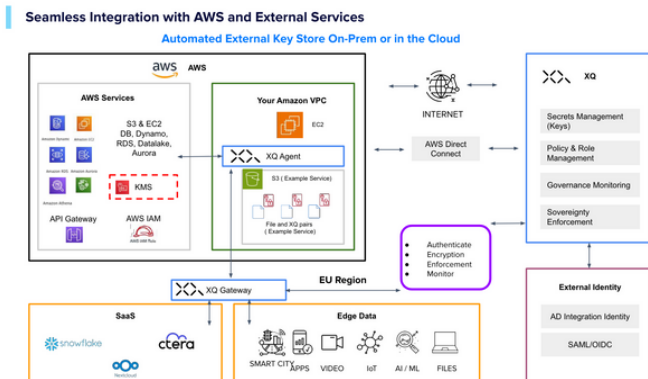
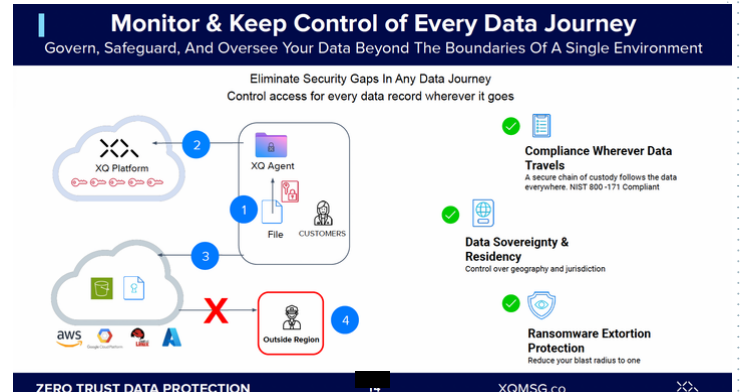
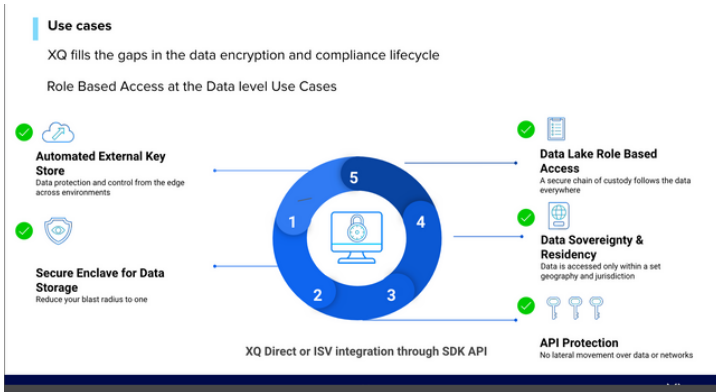
## About Us

We are a Swiss-based consultancy that offers solutions to enable Digital Transformation.

We understand the complexities of working globally, wanting to benefit from cloud technologies but needing to be fully compliant to regulations, needing to be fully secure and managing cost efficiency.

We have partnered with **XQ Message Inc** to bring their revolutionary technology to our clients. We are pleased to present you with the solution.

## How it Works



Contact us to discuss how we can solve your challenges  
and see the solution in action