



Data unlocked, compliance intact

- Cloud Services:
 - Data Management, Sharing and Governance

Alchem Technologies

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Why we can add value with you

Organisations recognise the strategic advantages of trust-based data sharing, yet only 15% will achieve those advantages. Why?

The answer is not data pipes.

Numerous platforms can transport data securely, counterparties can access data through APIs, and roles can be configured to control access. However, data operations are typically highly manual, decentralised, and lack cohesion. Organisations struggle to easily enter and manage data sharing partnerships; ensure that data is shared only within the compliance boundaries set by their agreements, policies, and regulations; and streamline their data sharing activities.

This lack of oversight, auditability and control reduces trust in sharing data. The result is less collaboration, lower volumes of shared data, and a loss of strategic advantage.

About Alchem

Alchem Technologies is a UK data integration company delivering products and services to support the growing need for organisations to aggregate and selectively share data between trusted parties. Our engineering team has substantial background in the UK data integration market both delivering transformational enterprise solutions and exploiting agile innovation. We have deep experience in Government and adjacent organisations.

We help organisations realise their full potential from the data relationships with their partners and the data they generate.

We can lead any stage of the process; our Solution Architects work alongside customers to undertake gap analysis, identify requirements and existing capabilities, creating solutions from needs; our Data Architects and Data Engineers can design and build the pipelines and workflows; our Data Analysts can identify and organise the data, and we work with Data Scientists to source sophisticated analysis tools.

The Alchem Approach

Our approach is defined by the customer's requirement and is driven by scalability, automation and security.

We believe in an intimate collaborative relationship with the customer, and always start with a comprehensive joint understanding of their requirements.

We are determined to reduce the customer's dependence on contracted specialists and help our customers avoid vendor lock-in and closed architecture systems. We firmly believe the customer should own, govern and have full access to its data.

We aim to leave the customer with the tools and skillsets to:

- increase their data flow across their eco-system;
- increase their ability to manage data risk and compliance; and
- increase their self-sufficiency.

The Alchem methodology

Build the agreements

Phase 1 – Set the stage		Phase 2 – Initiate sharing agreements		Phase 3 – Scale sharing agreements	
Identify	Workshops & collaborate Several structured workshops with the process owners to understand the needs of the ecosystem	Negotiate and sign	Workshops & collaborate With the producer and consumer, workshops to detail the relationship between the two	Deliver	Workshops & collaborate The self-service DSA, will be accessible for multiple consumers across the ecosystem
Develop	DSA development First phase DSA with producers and consumers and some high-level rules, based on priority	Build	DSA development Building on the initial DSA design, the structure of the DSA is implemented into a code style for the POC	Identify	DSA development Based on the first DSA, the structure is deployed across other producers and consumers
Deliver	Proof of concept A first look at a DSA as a concept that serves both producers and consumers	Implement	Solution A first look at a data sharing agreement and the value that it provides to both producers and consumers	Implement	Scale solution Scale the solution to deliver greater benefit across wider producers and consumers at scale and pace

Develop the ontology