



Alchem Mercury

Data Unlocked,
Compliance Intact

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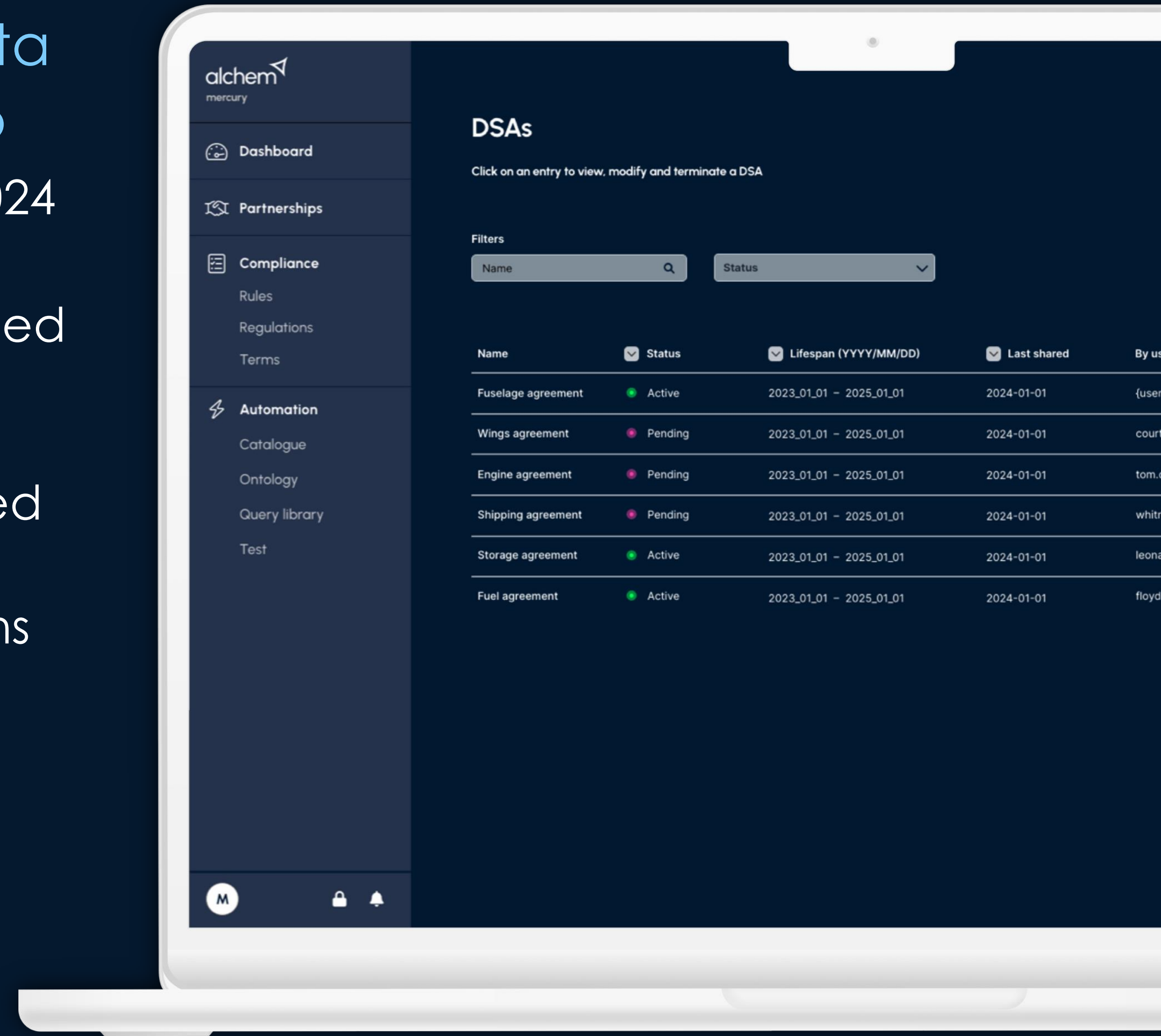
“Every organisation wants to share data — but 60% say governance is their top barrier”

Gartner, 2024

The costs: Slower innovation, greater risk, missed opportunities, and expensive operations

The solution: **Alchem Mercury** – an AI-powered data sharing and compliance platform that:

- Converts contracts, policies, and regulations into precise digital rules
- Links those rules directly to real-world data activity
- Delivers live, automated, and enforceable digital governance



Customer Value

Compared to traditional approaches to data governance, **Mercury** delivers:



Data practitioners

3 x accelerated “Speed-to-Data”

100% centralised visibility

100% consistent metadata tagging



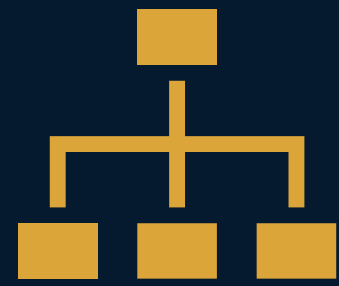
Executive C-suite

50% reduced risk of compliance breach

40% reduced cost

Fully automated reporting & audit

Current Use Cases



Selectively sharing sensitive data

By embedding data governance across data sources, Mercury acts as the data control layer across the ecosystem, governing data flows throughout its supply chain and underpinning the digital twin and synthetic environment programs central to the client's mission



Allied data sharing

By embedding automated governance directly into data flows, Mercury reduces latency, eliminates manual errors, and enables near real-time, trusted information exchange. It provides a repeatable framework for coalition interoperability, delivering faster decisions, stronger compliance, and enhanced mission effectiveness.



Contracting compliance & governance

By embedding digital governance directly into contracting workflows, Mercury reduces compliance risk, lowers administrative workload, and improves the speed and accuracy of acquisition decisions.



Trusted research environments

By automating the creation and governance of trusted research environments, Mercury accelerates researchers' access to approved data while protecting sensitive information. It strengthens collaboration between stakeholders, improves assessor oversight, and reduces the risks and costs associated with non-compliance.

Key Feature 1: Agreement and Partner Management

Your data relationships are a key strategic asset

Track all your data agreements

Digitise contracts, DSAs, and policies into electronic dynamic agreements that automatically govern what data is shared with whom

Manage your data partnerships

Centrally monitor the data that is shared with each partner to uncover additional sharing opportunities or risks

Tie your operations to your evolving relationships

Link every partner agreement to your data landscape, ensuring coherence and auditability across the enterprise.

Over 50% of enterprise executives believe data-sharing inefficiencies are directly constraining ecosystem growth and AI adoption. *WEF, 2024*

Results

3x speed to agreements

90% fewer outdated agreements

Key Feature 2: AI-Driven Compliance

Implement your agreements and policies as machine-readable rules



Digitise all your data rules

Interpret and codify complex regulations, directives, and data-sharing agreements into machine-readable rules using advanced language models



Adapt to change

Update digitised rules as laws and policies evolve – ensuring compliance stays aligned without disrupting operations



Achieve compliance by design – at scale

Integrate governance directly into data workflows – compliance isn't checked after the fact, it's uniformly built into every enterprise system



Builds a digital source of truth

Create a traceable, digital version of every policy and obligation, ensuring accuracy, transparency, and repeatability across your data enterprise

By 2027, 60% of data governance teams will prioritise governance of unstructured data to deliver GenAI use cases and improve decision quality in organisations

Results

100% rule enforcement

3x speed to change rules

Key Feature 3: Enterprise Data Catalogues

Gain full visibility of data ownership, access rights, and compliance

Gain real-time view of your data landscape

Integrate across legacy systems, cloud platforms, and partner networks to maintain a live, continuously updated catalogue of enterprise data

Unify metadata and governance

Link technical metadata and compliance rules so every dataset – structured or unstructured – is classified, managed, and discoverable by design

Drive transparency and traceability

Track where data lives, how it moves, and who interacts with it – giving full oversight across the organisation

Simplifies data control in a complex world

Connecting multiple governance rules and standards into one coherent, dynamic framework — reducing silos and manual reconciliation.

Organisations with strong governance experience 40% faster innovation cycles. *McKinsey, 2023*

Results

100% centralised visibility

100% consistent tagging

Key Feature 4: Compliance Insights and Copilot

Your intelligent command centre for data sharing and governance

Verify data compliance in real time

Monitor live dashboards that reveal how rules, policies, and data obligations are being followed across your organisation

Leverage an AI compliance copilot

Enable an intelligent assistant to help your users interpret regulations, assess risks, and make compliant decisions with clarity and speed

Unite governance and operations

Combine policy insight with real-time operational awareness — connecting what's written with what's actually happening

Gain confidence via continuous assurance

Employ a single, trusted interface for oversight, helping leaders prove compliance and strengthen accountability at every level

Organisations with mature data governance practices realise 2.2× faster time-to-insight and 30% lower operational risk exposure. *Forrester, 2024*

Results

Proactive assurance, letting users query rules in natural language

Revolutionising
data governance
so organisations can
confidently share more data



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alex@alchemtechnologies.com



bob@alchemtechnologies.com

