

Introducing ARKIVUM TRUST

Long term data management for research laboratories, pre-clinical and clinical laboratories, academia and CROs (Contract Research Organisations) worldwide.

Arkivum Trust provides complete confidence that you can access and use your long term data while maintaining compliance in a highly regulated environment. By removing data silos and complexity across your organisation, information becomes easily searchable for eDiscovery, collaboration and creating business value.



Business

We deliver a single source of truth across your long term data, making your data easier to access and reuse, supporting eDiscovery and collaboration.

Challenges

- Difficult to collaborate with others (LoB, CROs, third parties etc) and provide controlled access to the data
- Difficult to search for and find the data you need, when you need it and understand its context
- Unable to reuse data for discovery purposes and to enhance your research
- Misalignment of how data is managed and how I want to use it
- Slow to respond to requests from regulators regarding incident investigations

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How Arkivum solves them



- Removes data silos to create a single source of truth across your long term data
- Secure user permissioned access for easy collaboration across your organisation and with third parties
- Rapid search and enhanced metadata to provide context and further understanding
- Our modern and modular technology stack supports emerging use cases and multiple data types from different sources including CTMS, ELN, EDC, eTMF, GxP data sources
- Immediate access to your long term data, complete with full audit trail and chain of custody report

IT

Get your data under control. We future proof and manage your data for you so it is easily searchable, usable and fully compliant. This includes legacy, acquired and proprietary data.

Challenges

- Difficult to control where data lives and who accesses it in a highly regulated environment
- Business and compliance don't know what data they need until they need it, making it difficult to control increasing data management and storage costs
- Lack of specialist resources e.g. for compliance adherence
- Unable to implement a central data strategy due to different systems and line of business requirements
- No data migration plan in place

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How Arkivum solves them



- Secure, user permissioned access implemented centrally
- Reduces your Total Cost of Ownership (TCO) and brings your data under management
- Our domain expertise means we adopt industry standards and can recommend suitable best practices
- Automated retention and access policies
- Our built-in exit strategy means there is no data lock-in. You own the data at all times and hold the encryption key

Compliance

Arkivum adheres to ALCOA principles and GxP guidelines to make your long term data easily accessible and reportable. Data integrity is 100% guaranteed (backed by insurance).

Challenges

- Difficult to ensure your data is compliant, secure and meets regulatory requirements at all times
- You need to trust the integrity of your regulated data and be able to prove it
- Unable to find and access data when you need it
- Data complexity and silos make it difficult and slow to respond to regulators or third party requests
- Difficult to manage risk exposure from growing amount of data

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How Arkivum solves them



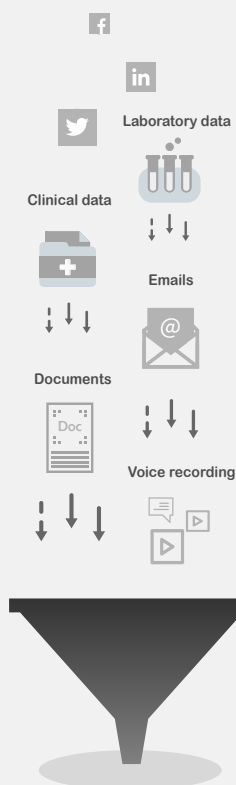
- Arkivum adheres to ALCOA principles and GxP guidelines providing secure access and ability to re-use data, all whilst keeping the data complete, consistent, accurate and in its original form
- 100% data integrity guaranteed
- Rapid search and added context for more meaningful information
- Removes data silos to create a single source of truth across your long term data
- Minimises your data exposure by purging data beyond retention periods

ARKIVUM TECHNOLOGY

Arkivum Trust delivers preservation and safeguarding of your valuable data for the long term. Built-in automated processes ensure future accessibility, easy search and usability of your data, making your content discoverable and providing a single source of truth. Arkivum Trust is powered by industry adopted open source technology.

Pre-built integrations and open APIs make Arkivum solutions seamless when integrating, whether on-premise, cloud-based or hybrid.

Data ingest:



Integrate with your existing tools and infrastructure



Compliance:



- Smart management of regulated data
- Automate retention schedules
- Built-in mechanisms for secure removal of data
- Trusted data export that proves authenticity of records in original state

Usability:



- Extraction and enrichment of metadata for easy search and discovery
- Records can be shared securely
- Make sure your data is where it needs to be with our flexible data organisation model

Digital Preservation:



- Long term access
- Adheres to OAIS standards
- Ongoing file normalisation to ensure always readable

Data Safeguarding:



- Secure, cloud based managed service
- Flexible deployment options
- 100% data integrity guaranteed
- Built-in validation, integrity and fixity checks

Visualisation:



"Big data is becoming a very real challenge for all genetics laboratories, not just Bristol Genetics Laboratory. Over the next two years, we'll generate more than 30TB of data from NGS services alone. The true value of that data is not yet known so we need to store it for the very long term to be able to access and interrogate it over time as new data analysis techniques are developed."

Eileen Roberts

Consultant Clinical Scientist
Bristol Genetics Laboratory

"As an increasing amount of data is being generated in this era of precision medicine, it is clear that there is a need for bioinformatics and IT solutions designed to ensure secure data governance. To that end, we are continually looking ahead in the interest of being in position to provide our customers with the most advanced tools, including new approaches to managing information that is compliant with regional regulatory agencies."

Enzo Razzoli

Leader of Field Services and
Support for Thermo Fisher Scientific

"On behalf of the University, I'm delighted to be leading this innovative new team and am very excited to introduce the Digital Research Team who look forward to working alongside researchers helping them to make the most of digital research opportunities."

Alison Clarke

Director of Digital Research
University of Nottingham

About Arkivum

Arkivum is the trusted software and service partner for long-term data lifecycle management and digital preservation. We serve organisations around the world in data intensive and regulated markets.



For more information, email us at
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