

Arkivum TRUST

Arkivum TRUST enables life sciences organizations to meet core MHRA and FDA GxP guidelines and regulations for data lifecycle and long-term record management.

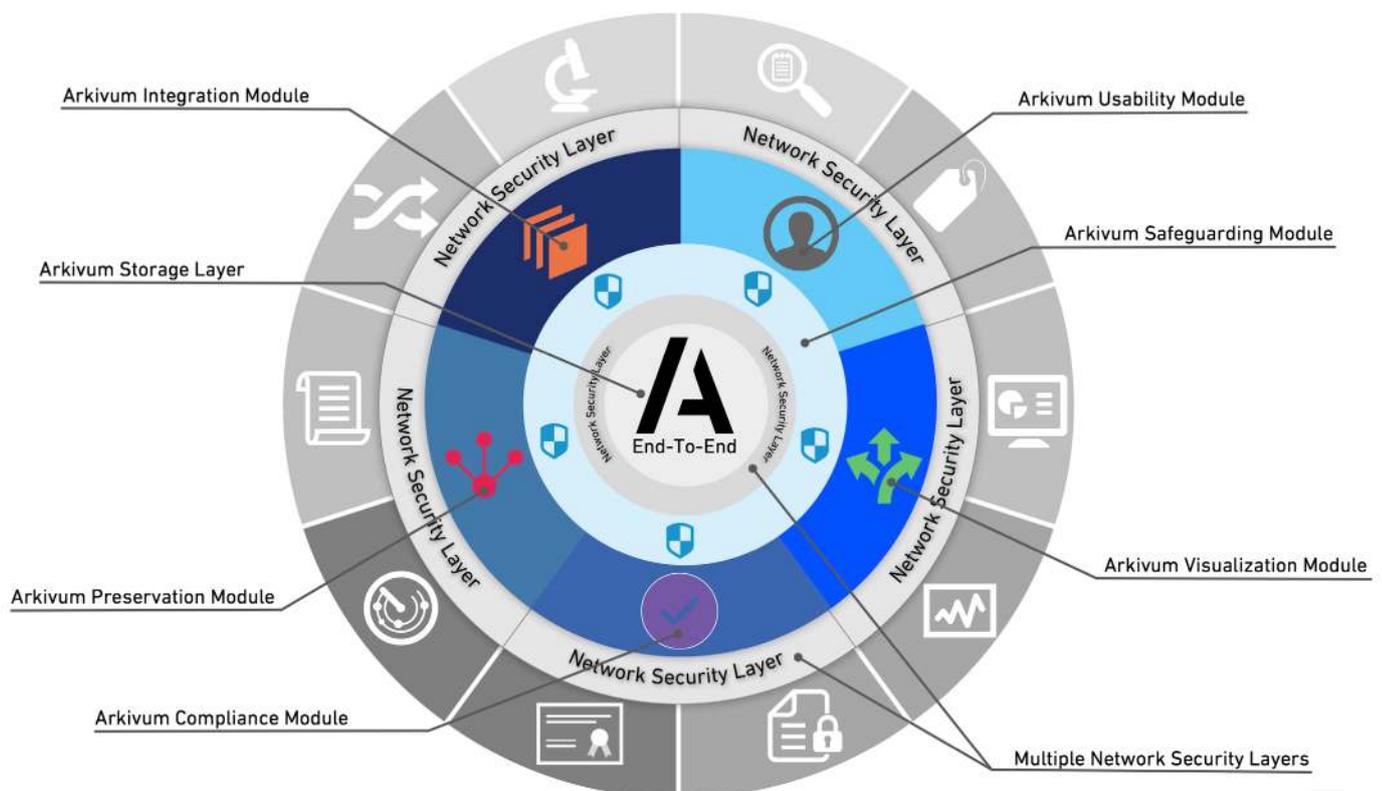
Built to comply with ALCOAC, data integrity and data preservation best practice.
100% data integrity guarantee. No vendor lock-in.

Arkivum TRUST is an end-to-end, secure digital safeguarding and preservation archival solution built to address the unique challenges of the life sciences, pharmaceutical and health markets.

Arkivum TRUST is a modular solution that scales from an entry-level to an enterprise solution, from a central location to a fully-distributed topology, optimizing total cost of ownership (TCO) through cost-effective management of predictable IT costs.

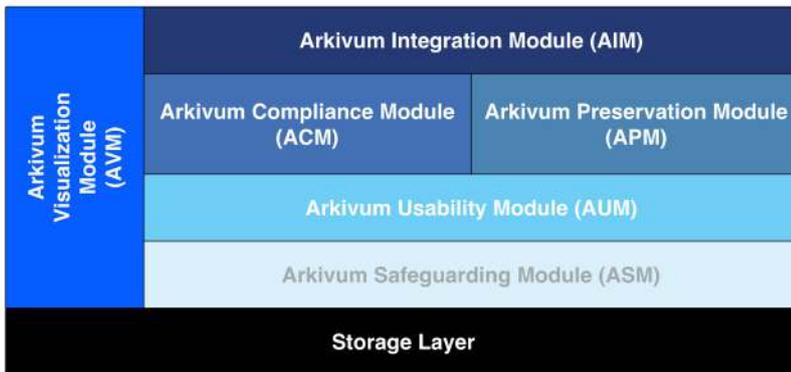
Arkivum TRUST key benefits

- Reduce risk, meet compliance, automate data safeguarding and preservation of digital assets
- Reduce management overheads by managing digital regulated records with a simple user interface for staff and inspectors
- Reduce the risk of obsolescence with long-term retention and the cost of recovery for files through automated file format preservation
- Reduce IT costs by managing all file archiving irrespective of age, format, location, regulation, file type
- Integration with digitization partners enables streamlined digitization process and validation management
- Increase compliance and reduce risk with a comprehensive integration, enabling multi-system, application integration into one place



Arkivum TRUST High Level Architecture

Arkivum TRUST is an enterprise SaaS platform designed to meet the challenges of long-term, high volume records management.



Leveraging secure, protected services on a scalable, modular architecture, Arkivum TRUST caters to the needs of customizable workflow management on varying volumes of data.

- *Comprehensive set of management and monitoring tools*
- *APIs, out-of-the-box, all of which can be flexibly deployed to meet industry and geographic requirements*
- *No vendor lock-in*



Arkivum Visualization Module

The Arkivum Visualization Module (AVM) allows users to view the data in the archive according to their permissions. This is through several options: the administration dashboard, where administrators can monitor the status and manage the organization of content, and a search and discovery module for responding to e.g. GDPR requests, compiling investigations, and to simply download records. There is also a flexible API to extend reporting and analytics from in-house tools.



Arkivum Integration Module

The Arkivum Integration Module (AIM) provides quick and seamless connectivity without the need for professional services. It provides automated ingestion compliant with ALCOAC principles with out-of-the-box integration connectors, flexible APIs and drag-and-drop options to give all users easy and reliable ingest for multiple data streams.



Arkivum Compliance Module

The Arkivum Compliance Module (ACM) ensures the management of data adheres to all regulatory requirements. It provides flexible record management using the Portland Common Data Model (PCDM) principles for secure removal of data (e.g. removal of trial documentation once 25 years have passed, or adhering to GDPR for a data subject's right to be forgotten).



Arkivum Preservation Module

The Arkivum Preservation Module (APM) ensures the long-term accessibility and authenticity of files, adhering to OAIS standards to provide preservation of digital records in a file format that is known to be readable in the future. It is carried out through file normalization in which records are kept in both the original and preserved formats.



Arkivum Usability Module

The Arkivum Usability Module (AUM) allows users to access the safeguarded data. This allows for the addition of metadata to ensure content is searchable and that records can be shared securely (e.g. restricted access per user role, and ensuring that personally identifiable information is managed). It provides a trusted export of data that proves the authenticity of records in their original state should this be required as evidence.



Arkivum Safeguarding Module

The Arkivum Safeguarding Module (ASM) is a secure, managed service that guarantees 100% data integrity, ensuring the highest standards of data protection. Archived data remains authentic and is available in an end-to-end solution. The ASM performs validation and integrity checks on the records being ingested, alongside ongoing fixity checks, and ensures that records are encrypted in transit and at rest, and that a full audit trail exists on all ingested records. It also handles the OAIS Administration Function, managing the day-to-day operation of the archive, including system engineering, access control, and customer services, as well as negotiating submission agreements with the information producers. The ASM eliminates the overhead imposed on IT departments within organizations in ensuring data protection by synchronizing data storage in multiple data centers, irrespective of the data volume or retention period.



Talk to us

To find out more about our solutions and to start securing your data today and for the future, please contact us on 44 1249 405060 or 1 617 306 4563, or send us an email at hello@arkivum.com.