



# MOSAIC Data Research Platform

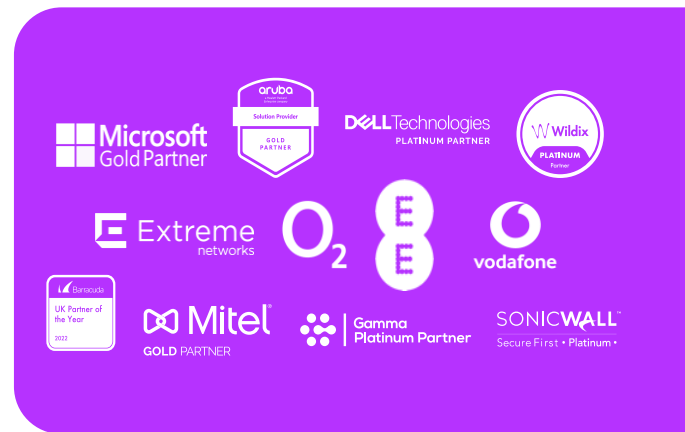
January 2026

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Lot  
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20

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organisations  
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220

Universities,  
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SOCIAL CARE  
NETWORK  
COMPLIANT

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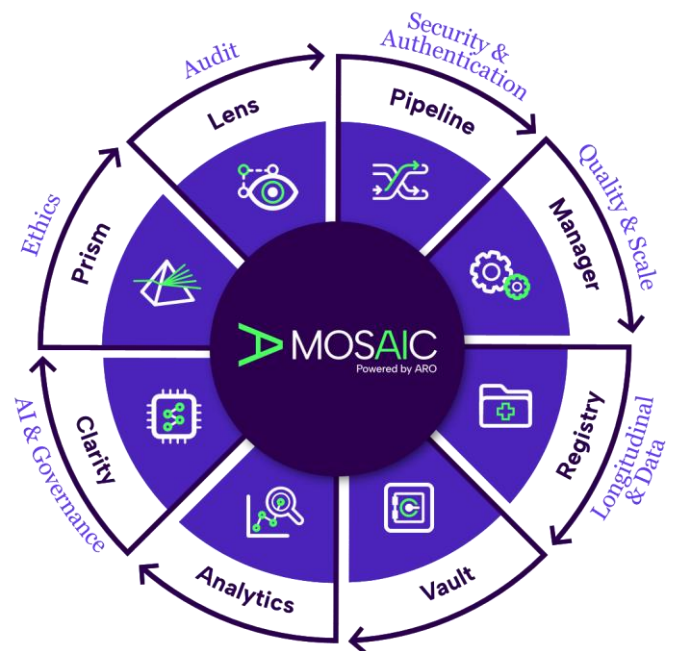
# Mosaic Data Research Platform

## Console

MOSAIC Console is the supplier-managed SaaS control plane providing security, access management, monitoring and operational services for the Mosaic application and its modules.

MOSAIC Console includes:

- Security policy configuration and monitoring (including firewall policy management)
- Directory integration (Active Directory) and user lifecycle management
- Multi-factor authentication configuration for remote access
- Role-based access control (permissions management)
- Backup policy configuration for Mosaic Console components
- Certificate management and anti-malware configuration
- Controlled internet access (proxy allow-listing)
- Monitoring, audit reporting and governance reporting
- Vulnerability management, patching and maintenance, and annual penetration testing coordination



## 1. Mosaic Pipeline

### Secure Data Transfer & Transformation

Pipeline enables the secure movement and transformation of structured, unstructured, and DICOM data using HTTPS or SFTP with enforced 2FA. Every transaction is fully audited with traceable approvals and QA workflows, ensuring data integrity from source to destination while supporting compliance and governance requirements.

## 2. Mosaic Manager

### Data Quality, Cohorting & Visualisation

Manager handles large and inconsistent datasets by enabling automated cohorting, validation, transformation, and visualisation. It prepares unknown or messy formats for migration or analysis and provides real-time dashboards for monitoring records, batches, or cohorts via web or HSCN-accessible UI, significantly reducing manual processing effort.

## 3. Mosaic Registry

### Structured Clinical Data Capture & Patient Engagement

Registry serves as a secure, browser-based repository for disease-specific clinical data, supporting clinician entry, PROMs collection, consent workflows, audit reporting, and data visualisation. It can extend to a public-facing portal to promote patient engagement and participation in research.

## 4. Mosaic Vault

### Scalable, Compliant Data Storage

Vault provides managed, tenant-isolated data storage within the Mosaic application for both structured and unstructured data, offering production-grade and archival persistence within a single environment.

## 5. Mosaic Analytics

### Controlled Research Environment for Approved Data

Analytics provides a secure, auditable, browser-based analytics environment where researchers can access approved datasets using pre-vetted tools.

## 6. Mosaic Clarity

### Machine Learning & AI Enablement

Clarity delivers managed AI/ML capability within Mosaic enabling execution of approved models, large language models, and GPU-enabled processing.

## 7. Mosaic Prism

### Interactive Dashboards & Insight Exploration

Prism offers dynamic dashboards that surface end-to-end visibility across data pipelines, cohorts, analytics outputs, and workflow progression. By integrating directly with modules like Registry, it transforms complex datasets into clear, actionable insights.

## 8. Mosaic Lens

### Full Data Lineage, Governance & Accountability

Lens provides traceability across user actions and data flows throughout Mosaic, offering bespoke compliance dashboards aligned with NHS governance standards. It enables organisations to maintain continuous audit readiness and respond confidently to regulatory scrutiny.

## 9. Why Mosaic

### Enterprise-Grade Security

Compliance, governance and security are embedded into the platform by design, reducing operational complexity and cost while removing the compliance burden from customers.

The platform protects sensitive health and research data using enterprise-grade security controls and is fully accredited to ISO 27001, ISO 27018 and ISO 9001, Cyber Essentials Plus, the NHS Data Protection Toolkit, and HSCN requirements. This ensures data remains secure, compliant and consistently governed across clinical and research environments.

Full auditability and accountability build trust with patients, researchers and regulators, while enabling faster, more confident research and discovery without compromising data protection or ethical standards.

### Operational Efficiency

- Consolidates multiple tools and processes into a single, integrated platform.
- Reduces management overhead, cutting out duplicated effort and fragmented workflows.
- Enables teams to spend less time fixing infrastructure and more time generating insights that drive outcomes.

### Accelerated Insights

- Securely unifies diverse datasets, from clinical records to imaging, making them analysis-ready.
- Provides faster access to high-quality data, accelerating research, discovery, and decision-making.
- Reduces the time from data preparation to results, turning months of work into weeks.

### Simplified Infrastructure

- Replaces complex, stitched-together solutions with one integrated SaaS application of eight modules.
- Reduces IT complexity, improves system reliability, and simplifies ongoing management.
- Scales easily as research grows, future-proofing organisations against new demands and data types.

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