Automated Intelligence Case Study

Migrating one of the largest public sector government departments to Microsoft Office 365

![Automated Intelligence logo]

Automated Intelligence

The Situation

Automated Intelligence recently delivered a high value insight, discovery and migration project to one of the UK's largest Government departments.

The department sought a data analysis, cleanse and migration solution to achieve its business transformation plans as part of a journey to the cloud. The department was committed to using Microsoft 365 for the future creation, management and storage of unstructured data assets, however with an extensive data estate of approximately 350 terabytes of unstructured data, it needed to manage the transformation carefully. In addition, the department felt it needed to cleanse its fileshare data to remove Duplicate, Redundant, Obsolete and Trivial (DROT) data, significantly reducing the time and effort for data retrieval by its 50,000+ staff. The department conducted a market review and awarded AI to provide insight into an element of its extensive data estate while also undertaking the migration of its data.

350 Terrabyes of Unstructured Data
50,000+ Staff

Why Automated Intelligence?

The project was designed to decommission legacy infrastructure and required a cloud-hosted platform, migrating the organisations centrally stored data to Microsoft 365 which mitigated the need to provision additional hardware and services.

AI's **AI.DATALIFT** solution had the ability to analyse the department's data, discover what it had and enable it to make intelligent decisions going forward.

AI's **AI.DATALIFT** solution identified an appropriate remediation to detect, report and support the department's complex data needs. Reducing risk to business continuity and being able to provide the department with improved access to linked spreadsheets and access databases throughout its fileshare structure was an enabler the AI solution could help with.

Furthermore, AI wanted to ensure a shared understanding of the department's risk and significant volume of its PII data. AI also wanted to help identify the most appropriate action for the department to keep the data it needed, ensuring it had citizen consent for any of the data that was being retained post migration.

AI was successful in architecting the platform in a very secure way in relation to where it was going to host its data and migrate it into the cloud. This was necessary due to the critical nature and security requirements of the department's data. The platform needed to provide access and visibility of the data estate whilst ensuring security and data integrity.

Additionally, Automated Intelligence ensured minimal disruption to the department's users throughout the project, with work taking place in the evenings and weekends allowing for business continuity to be carried out promptly.

> **"Based on our experience and expertise, Automated Intelligence were able to provide the department with an understanding of its data and the associated risk involved as well as an informed insight and intelligence of the complexity of its data."**
>
> **David Corkill**
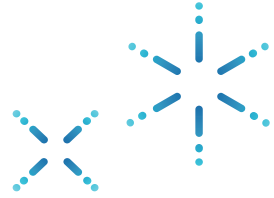> **Technical Director, Automated Intelligence**

The Solution

Automated Intelligence and our core product, AI.DATALIFT, provided the migration solution and approach needed to deliver the following key requirements defined by the department.

- Identified registered and unregistered custom and business developed applications created using products such as Access, VB and Excel.
- Identified and migrated linked spreadsheets (with hard coded links and drive mappings) without breaking the integrity of the data.
- Migrated standard and complex folders structures, maintaining and often transforming folder hierarchy and access.
- Provided detailed audit trail information relating to any and all of the migration activity.
- Fully-audited policies applied to classified data enabling ongoing data compliance and remediation. Identified and reported on PII data within the data estate. Policies applied against classified data can perform disposals, archiving and migrations to organisational retention schedules and transformation projects.
- **AI.DATALIFT** provided visibility over the effectiveness of retention and disposition schedules, defensive discovery to search, audit and report on data held, automated classification to sync the right policies to relevant content and remediation of unnecessary data to maintain and measure compliance.

Outcomes

- The **AI.DATALIFT** solution enabled comprehensive analysis, structuring and access to all of the department's data including improved data quality and insight, whilst significantly reducing cost overheads with multi-million pound cost savings.
- Classification of content – part of this project was not only to shift and migrate the data but also to categorise it, helping the department to create a new information architecture – accelerating its internal working processes.
- AI provided unique access to the latest Microsoft technology enabling advanced analysis of all data types.
- Reduction of the data risk profile by providing consistent, intelligent, tailorable data classification and automated application of policy across the entire organisation to satisfy governance framework obligations.
- Transition to modern cloud platforms with fast, intelligent and fully audited migrations ensuring transformation with minimal impact to business as usual.

Improved Data Quality & Insights
New Information Architecture
Reduction of Data Risk
Introducing Fast Intelligent Migrations
Minimal Business Impact

Your journey to gain better discovery and insights, starts with AI.DATALIFT, helping you make intelligent decisions, and change, for the better.

Contact us to start your journey today at:
info@automated-intelligence.com

Digital Transformation made simple
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