



G-Cloud 15 Service Definition

AutoMutatio Data Discovery - Unify your data. Search and Report Fast.

Lot 2b Software as a Service (Saas)

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Introduction

AutoMutatio offers a sophisticated data discovery platform that automatically transforms vast, unstructured datasets into actionable intelligence. By combining your data into one clear view, AutoMutatio mitigates risks and unlocks cost savings. AutoMutatio makes searching intuitive, accelerating decision-making by extracting insights and surfacing what matters most in your data.

By building and maintaining relationships and associations between concepts, documents and records, our platform provides true relational understanding across your data by enabling:

- You to understand numerical and textual data, by linking individual records
- The preservation of physical files to their source
- Virtual referencing, allowing disconnected data to become associated and so providing further insights

Our platform has already analysed over 20 billion words and numbers, turning memory into value, data into foresight, and change into opportunity.

Case Study

One of the most enduring construction problems is the reconciliation of plant and labour against time expended, by location and work activity. This is done traditionally manually by using time entry systems, timesheets, allocation sheets, cost data in Coins or Causeway (including GRNs and invoices), and contract rates and minimum hours. We developed a module that checked subcontract timesheet payment applications against millions of gate records a year.

The existing process was manual, administration-heavy and costly, while only sampling the data rather than examining every record. There were varying degrees of compliance with the existing process and contract requirements. The labour resources were spread over 30+ sites over a 80km geographic area, while the data was across multiple systems, templates and file types (e.g. PDFs and spreadsheets). The volume of data exceeded the native processing capacity of Excel.

AutoMutatio analysed over 2.5M transactions covering an 18 month period. Transaction data and general project data (e.g., framework rate books) was synchronised into AutoMutatio via data feeds and uploads. We also de-duplicated the files to ensure a clean, efficient data set and mapped the metadata. AutoMutatio made it possible to query across parameters, whether it was in files or tables. Deep dive investigations on any topic could be completed in days. For example, each item of plant operated by a vendor across the entire project could be examined, checking that all payments have been made against the agreed framework rates. We then reverse engineered the process to identify improvements which could be made going forward.

We produced the output and recommendations from all the analysis and are working with the operational and commercial teams to embed the findings into business as usual operations.

Rates Match	Problem	Recommendation
Time	- First 39 hours included in rate. - Next 11 hours (Mon to Fri) additional £18/hr - Next 4 hours (Sat) additional £18/hr - Next 4 hours (Sat) additional £36/hr - Sunday additional £36/hr - T&S subsistence per day not hour e.g. 5, 6	- COINS data having the serial number and operator information. - Productivity and efficiency aligned to CEMAR /Resourced programme / Activity schedule (Earned Value).
Cost	- Base operated rate e.g. D6 Dozer - Any additional items such as buckets, lazer's etc. have typically been added to a P/O as a total rate so automatic non-compliance on rate check. - Did the piece of plant ordered actually arrive or was it something different?	- The description of plant issued by suppliers should be the same as in the rate book. - Line items added where extra items in a rate have been used. - Add items that aren't in collective agreements.
Frequency	- Current practice is that invoices are issued every week for every piece of plant. - These invoices have to be matched against all the parameters in Time and Cost	- Issuing invoices every cost period not weekly could save 1,000s of transactions a year @ say £10 a Transaction.
People Timesheet Verification	- MSite provides clock in clock out data across sites. - Timesheet for subcontract labour and Operated plant comes in many formats and styles (e.g. PDF, .CSV, etc.) - Where was the plant actually allocated on site and what was it doing? - QS's sample check names and times on the entry match the invoices and applications.	- Automating the timesheet verification would add an extra layer of rigour to 'Quantity' of operated plant. - Standardising a format would help align. Contract clauses and references for disallowed costs as well as SCC.

AutoMutatio provides a flexible solution which allows you to merge, tag and mine your data, improving collaboration, resolving disputes, managing risk and learning from change. We allow Buyers to move from fragmented project data to systemic understanding and actionable intelligence.

Merge all your data together automatically...

Whether your data is in email, conventional filing systems, Sharepoint, Teams, document archives or specialist industry software, once brought into the AutoMutatio platform, your data is searchable, traceable and deduplicated. Merge combines your structured and unstructured data into one clear view so you can:

- Automatically synchronise all your data feeds
- Deduplicate files and records for clean, efficient datasets
- Preserve all original associations back to the source data
- Enable full traceability, track what happened, when, and where
- Maintain version history of every document
- Organise email data by contact and / or sender
- Link records using metadata (e.g., CC emails, threads)
- Unpack and analyse file archives, including .pst, .zip and attachments

- Continuously analyse new information
- Provide metrics on data volume and activity
- Convert machine readable files to text as standard for full content discovery

“AutoMutatio allows me to keep everything in one place regardless of origin and find everything without going to multiple places and look through hard copies, emails and files”

Tagging makes search intuitive. Find what matters, fast...

Transform how you explore and retrieve information. Tagging enables targeted recall of key events and issues, while supporting accountability, transparency, and timely interventions. Tags empower you to search across vast amounts of data through a simple, unified interface so you can:

- Use keyword-based tagging for powerful filtering
- Use keyword lists produced for common and bespoke tasks
- Perform advanced search and filtering on cost, time and structured data
- Navigate visualisations like timelines, Gantt charts, Pivot tables and day views
- Understand and query any field across multiple data tables

“You’ve created an intelligent way of searching for things you’re interested in. It’s a bit like Google for you and your business.”

Mine to gain an understanding of the complete picture and extract insights...

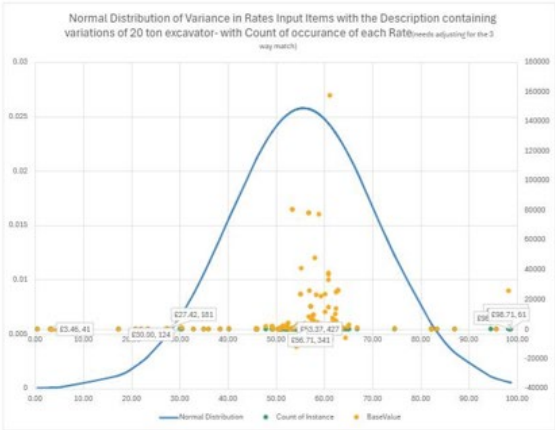
Surface what matters most in your data. Integrate machine power and human expertise, helping you to uncover insights from historical and live data. Informed decision-making means you detect risks earlier and enable continuous learning, so you can:

- Conduct advanced data analysis at scale beyond Excel capabilities
- Detect new language patterns and emerging issues
- Highlight critical impacts and explain why they matter
- Trace communication threads by topic and export as needed
- Monitor and mitigate key risks
- Substantiate claims and solve disputes
- Investigate records
- Generate tailored reports for your use case
- Visualise and summarise words and numbers via our Pivot Table function

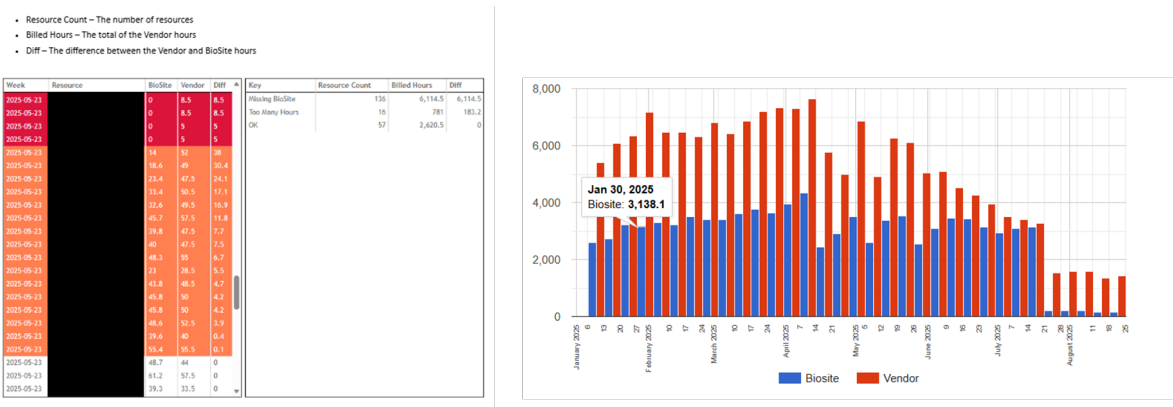
“AutoMutatio’s App enables us to access data in seconds, providing one version of the truth helping to map our change and scale our business.”

This example is from a client’s cost verification work for an item of plant. AutoMutatio confirms compliance with framework rates and quantities, and management actions put in place to improve administration practice.

Cost Verification



Our timesheet verification module provides an automated variance detection tool for customers to understand where areas of risk exist. In the example below, they identified that data was missing from one area of the project and management action put in place.



Support and Managed Services

Bronze, Silver or Gold SaaS application training and support is included within the onboarding fee. Additional training, telephone and email support is also available. Please see our Pricing Document for details of what is included in each tier.

In the first instance, please submit all queries to support@automutatio.com. We aim to provide an initial response within one hour and a complete response within 24 hours. All tickets regarding bugs or issues should have “AM-CM-BUG” in the subject, or “AM-CM-MOD” if they relate to a modification to an existing feature. This ensures that our system directs them to the relevant team and development pipeline.

With our managed service, for a fixed fee per month we provide data analytics and support. Our dedicated team will help you with your specific requirements and challenges, and provide day-to-day operational support to Buyer teams, including provision of a monthly data analysis report.

For specific API development and general consultancy, we also offer a platinum tier. This provides an opportunity for works to be delivered that add value to specific Buyer projects. The timesheet verification module above is a practical example of using this approach.

Associated Services

The following table provides a summary of what is and is not included in the service.

Item	Included	Not Included
Onboarding	Yes as per pricing schedule.	
APIs in	Out of the Box feeds at the time of contract	Bespoke APIs and feeds built to agreement of scope and specification at the rate card rates.
Export (API)	No	£ per month per instances as per the pricing schedule.
Managed Service	Monthly support to deliver a fixed output and outcome service as agreed	Work outside of the agreed scope chargeable at the rate card rates.
Offboarding	Yes as per pricing schedule	
Platinum - Professional Services	Not included other than agreed Managed Service	Work charged at the agreed rate card.
Storage	12 months included at the end of the contract	Additional up to 12 years storage available at 25% of the normal rate.
Maintenance	Regular feature updates and inclusion of things like latest Edge version	
Timesheet Module		As per pricing schedule.

Using our Service

To order, Buyers can email info@automutatio.com (for the attention of Andrew Gulliver) with their requirements. Once the Scope of Services is agreed, this will be included within the relevant Call Off Schedules and the contract executed. We invoice in arrears on the first calendar day of each month, and update the Management Information (MI) template required by Schedule 5.

Trial Service

To provide value for Buyers when engaging with AutoMutatio, a three-step process including a Trial Service works best. All phases are chargeable, as detailed in our Pricing Document.

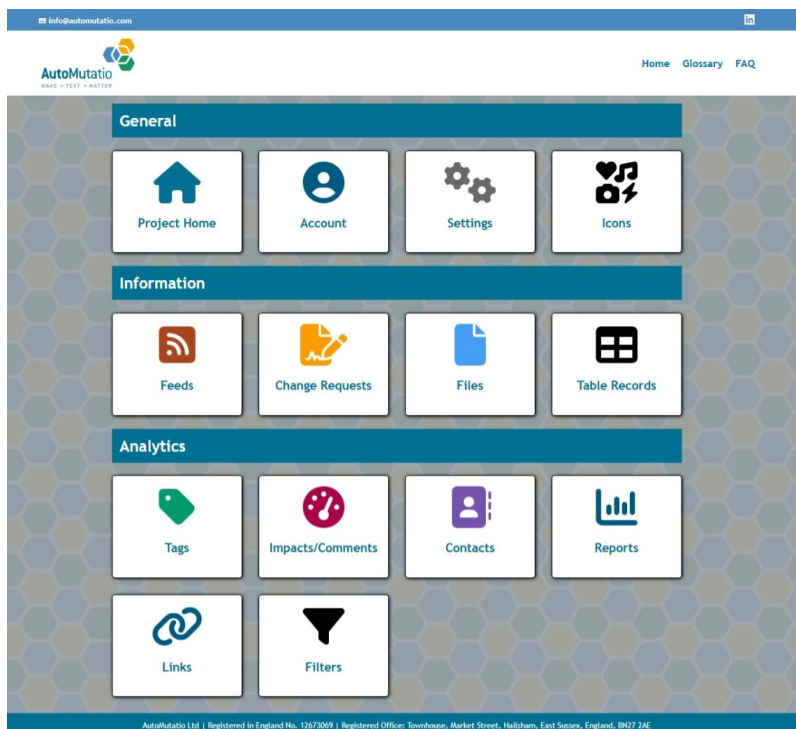
Trial phase: Onboarding typically takes less than one week with a 3 month trial period.

Validation phase: Three-month validation to ensure outputs and outcomes align and verify assumptions and full data volumes. This can be performed using sample data.

Implementation phase: Delivery of the full scope of service.

Onboarding

Our onboarding phase follows a standard process. One of our Data Analysts hosts a kick off meeting. They will be responsible for the onboarding of the contract, including completing our onboarding checklist, sharing our online user guide (illustrated below) and the delivery of initial user training.



Any IT configuration will be delivered by our Technical Team support@automutatio.com and our IT Manager, Ross Fullen. Together, they will support Buyer IT and information security teams with any additional configuration steps that might be necessary.

Online person-to-person training is included within our onboarding. Additional training can be provided at any time at the rates described in our Pricing Document. Our Managed Service provides in service support between our team and Buyer users throughout.

Using AutoMutatio

AutoMutatio works with any modern web browser and supported operating system. We recommend a minimum of 8GB of RAM. Access requires logging in using an existing Microsoft or Google ID.

Account Management

AutoMutatio is based on long term relationships over many years with an over 80% customer retention rate. As a minimum, we maintain monthly informal communication between the Buyer and our assigned Delivery Analyst or Consultant. In addition, we recommend quarterly formal reviews at the project and Buyer level. We also conduct annual delivery reviews, which also provide an opportunity for planning over the next 1-2 years of operational delivery.

Our most popular offer is our Managed Service. This allows us to work closely with Buyers to maintain customer satisfaction, provide ongoing subject matter expertise and data analyst support, and work with Buyer teams using the applications on a day-to-day basis.

Offboarding

Three months prior to the scheduled end of the contract, we will host an offboarding meeting, to reach agreement as to the steps to be taken to migrate or end the service. At the end of the offboarding process, each party agrees the work has been completed in accordance with the agreed scope.

Service Management

AutoMutatio is designed to be configurable while maintaining a standard user interface so that all use cases can be addressed in the same way.

Merge: Our standard API integrations and upload options offer choice and simplicity for Buyers. Custom API integrations can be included (at extra cost) at the start of an engagement.

Tag: AutoMutatio allows any libraries of keywords and or phrases to be uploaded. Its table functionality allows the alignment of different structured data fields, offering insights and querying across those fields.

Mine: Any combination of query can be produced.

Report: Configurable reports are based on the outputs required and work instructions are provided for each commission.

Terms and Conditions

All Buyer contracts under G-Cloud will be in accordance with the Framework and Call Off Terms (as amended by the Buyer at Contract Award). Where not superseded by the Framework or Call Off Terms, our terms (supplied as part of our Digital Marketplace listing) also apply.

Data Protection

In addition to maintaining GDPR compliance, AutoMutatio is a Cyber Essentials and Cyber Essentials Plus accredited organisation. Our databases are subject to snapshot (daily) and transaction log (every five minutes) backups by Microsoft. An additional project-level backup is performed daily. Any restore that might be required is performed at the project or database level. Full backups are retained for one week and project backups are retained for 30 days.

Business Continuity

Our Business Continuity Plan and Disaster Recovery Plan detail the operations and actions that we must take in the event of a service disruption. Their primary focus is the Azure cloud infrastructure hosting our SaaS platform and data. These critical areas have contingencies in place regarding redundancy and backup, as well as service restoration and data recovery processes.

Our operations are maintained by our IT and Development teams to maintain infrastructure integrity and timely deployment of critical resources. The considerations we have made to ensure data availability and redundancy include regular backups to separate physical locations, to ensure no single point of failure. In combination with infrastructure as code deployed as standard, our systems can be flexibly, quickly and reliably recreated and deployed.

A combination of automated monitoring systems and regular manual review provides us with a reliable environment that needs little manual intervention and which offers minimal downtime.

A more detailed plan can be provided to the Buyer on request.

Ongoing Development

We use a continuous improvement software development methodology. Feature requests or issues are submitted to our tracking system for review. Our development team prioritises the issues with discussion with the business team. Changes are developed and tested in the development environment. Then they are deployed to the staging environment and internal environments for acceptance testing before deployment to client environments. We monitor the performance of the application to improve the system on an ongoing basis.

New releases are deployed to staging environments and internal projects for testing before release to Buyer instances. Buyers will be upgraded to new features within three months of a new release.

Support, Outages and Maintenance

Outages are avoided by maintaining multiple replicas of the services with failed node detection and replacement. System dashboards and alerts are used to detect outages. All upgrades are deployed between 1800 and 0700 UK time to avoid any potential issues with deployments during the working day.

AutoMutatio is a cloud service available 24/7. We have structured our technical team so that, in addition to office hours, we are available from 1600 to 0000. Our team can be contacted at support@automutatio.com.

Privacy by Design

Our service supports least privilege by design. Access to Buyer data by our staff is strictly controlled and only granted where explicitly required. Buyers can configure their instance to support data segregation between their users. During onboarding, agreement is reached with the Buyer and user accounts are only created and activated with approval and agreement of access permissions. We routinely complete Data Protection Impact Assessments where appropriate.

Considerations have been made in the event of GDPR-categorised sensitive or personal data being found. Any request for removal will be acted upon. Our data classification policy can be provided upon request. GDPR and ICO compliance is maintained by our Data Protection Officer.

Social Value

AutoMutatio Ltd is proud of our diverse and gender balanced team that underpins the delivery of our Social Value. Our company growth since 2021 has enabled us to create 18 new job roles within the business and all roles were filled by people who were previously unemployed. This has already generated £540,000 of social impact [ref: TOMS Framework]. Our approach to social value is set out in our Strategy, with our delivery and monitoring being captured through our in-house Measurement Framework, that is informed by the TOMs metrics.

Our Social Value Strategy sets out how we will meet our mission to ‘create equality through the power of data’ whether that’s through job creation targets, data impacts for our customers, or using our profit to support local, grassroots charities’. Our Strategy is aligned to both the UK Procurement Act [PPN006 MACs] and the UN Sustainable Development Goals: No.3 Good Health and Wellbeing, No.5 Gender Equality, No.8 Decent Work and Economic Growth

We have set out below our alignment with the PPN002 and Missions 1 and 3 in particular.

Mission 1 Kick Start Economic Growth	Metric	Indicative Commitments at Call Off Stage
Outcome 1. Fair Work		
Create and retain high quality jobs. Activities that demonstrate and describe the supplier's existing or planned activities for the contract workforce:	New or retained jobs on the contract workforce in the relevant area that meet the criteria set out in MAC 1b, 1c and 1d	Current: Retain 18 high quality jobs. We will continue to employ people in highly skilled jobs and continue to support or staff with skills
Fair working conditions - Activities that demonstrate and describe the supplier's existing or planned activities for the contract workforce:	Providing opportunities for, and measuring and monitoring of, staff workforce conditions over time, including employee engagement, involvement in decision-making and satisfaction and adapting to any changes in the results, with clear processes for acting on issues identified	Planned: Bi-annual staff survey to measure and monitor wellbeing, job satisfaction and feedback on business decision making. Process for acting on decisions made through the Operational Delivery Plan, as well as Board Level accountability for improvement.
Fair pay practices - Activities that demonstrate and describe the supplier's existing or planned:	Payment of more than the National Minimum Wage or National Living Wage (as appropriate) to the contract workforce	Current: Payment terms within 30 days. With flexibility for smaller, freelance, contractors often being less than 14 days. Planned: To be awarded the Real Living Wage Certification within 6 months of onboarding with G-Cloud
In-work progression to help people to move into higher paid work by developing new skills - Activities that demonstrate and describe the supplier's existing or planned:	Volunteering opportunities for staff	Current: Each member of the team has 1 day a year volunteering. Planned: Continue to provide 1 day a year volunteering.
Outcome 2: Skills for growth		
Learning and skills development opportunities relevant to the contract to address skills gaps" ["In-scope organisations to identify the relevant skills gap] - Activities that demonstrate and describe the supplier's existing or planned:	Understanding of employment and relevant skills issues, and of the education and training issues relating to the contract. Illustrative examples: demographics, skills shortages, new opportunities in high growth sectors, geographic/local community and skills/employment challenges	Planned: To record the number of people-hours of learning interventions delivered under the contract, by UK region.
Mission Break down barriers to opportunity		
Outcome 6 Employment and training for those who face barriers to employment		
6c Demonstrate action to identify and tackle inequality in employment, skills and pay in the contract workforce.	Inclusive and accessible recruitment practices, and retention-focused activities	Planned: Measure and report on the number of employment opportunities created under the contract for people from groups underrepresented in the workforce.
	Working conditions which promote an inclusive working environment and promote retention and progression	Current: Measure workforce retention rates. Planned: Continue to increase the ways in which we can offer inclusive working environments through employee feedback and Gov. best practice

Our Experience

AutoMutatio works across UK infrastructure, helping contractors that deliver services to public sector fields such as energy (national grid and SSE), rail (TFL, DLR and HS2), highways (local authority road projects) and infrastructure (Lower Thames Crossing). Some of our customers are:



For further information, please contact our marketing team on info@automutatio.com (addressed for the attention of Andrew Gulliver).

Use Cases

Projects

“I need to find communications on a specific issue...”

	Client Position	How AutoMutatio Helps
Merge	Manually opening 20 .PST's (difficult)	Sync and extract data from .PST files within 24 hours
Tag	Manual review and Ctrl-F against subject	Upload keyword lists for advanced search across data
Mine	Two minutes per email = 5,000 person hours	First pass in three days, completed in 200 person hours
Report	Manually list documents in chronological order	One click export as chronological list

“I need to understand cost data better...”

	Client Position	How AutoMutatio Helps
Merge	Monthly records at limit of Excel capability	Compare across many months, upload cost data as tables
Tag	Manual review and query one subject at a time	Use table query for advanced filtering across data
Mine	Thousands of hours per month understanding data	Information available for cost analysis in less than four hours
Report	Pivot tables used with no visibility across cost codes	Export queries across cost codes with in-app Pivot tables

“I need to model contract risks, monitor them and mitigate future risks...”



Client Position	How AutoMutatio Helps
Risks logged in many files are manually tracked	Risks considered from all project communications
General descriptions included in risk register	Automatically map data to risk themes and groups
Research one topic at a time	Monitor against thousands of new and emerging risk themes
Manual assessment of the impact of a risk	Map risk register provisions with actual on-site position

Disputes

“I need to resolve a dispute...”



Client Position	How AutoMutatio Helps
Documents in multiple systems and locations	All information brought together
Manual tagging of key information	Problem statement mapped as tags and keywords
Manual review of files and documents	Mine all the data and mark up with key impacts
Scott Schedule produced for each item manually	In one-click, export evidence as list with all key information

“I need to substantiate or defend a claim...”

	Client Position	How AutoMutatio Helps
Merge	Locate contract documents from all systems	All project information already available
Tag	Hundreds of hours manually tagging key information	One hour to tag all contract documents and claim items
Mine	Manually mark-up key information and timeline	Automatic timeline of events for detailed review
Report	Scott Schedule produced for each item manually	In one-click, export evidence as list with all key information

“I need to easily see any problem on any project using data we already have...”

	Client Position	How AutoMutatio Helps
Merge	Disaggregated systems and restricted access	Collate all data from across the project instantly
Tag	Manually tag each piece of data	Use keyword lists to automatically categorise data
Mine	Exact searches through systems to find documents	Easily find & query information about the project
Report	Manually search through topic to highlight issues	Create reports and easily visualise the problem in-app

Research

“I need to understand how much my project communicates...”

	Client Position	How AutoMutatio Helps
Merge	Multiple communication channels: Teams/emails	Organise email data by contact or sender
Tag	Impossible to categorise communications	Use keywords to find common sentiment and key topic
Mine	Ad hoc and anecdotal understanding of communications	Trace formal and informal communication by topic
Report	No way of reporting on communication	Instantly visualise and export communication paths

“I need to protect against future claims...”

	Client Position	How AutoMutatio Helps
Merge	Disaggregated systems with unclear data	Structured and unstructured data in one clear view
Tag	Manual process of tagging data	Search across data through a simple, unified interface
Mine	Only reviewed as issues arise	Surface what matters most in your data
Report	Reactive to problems as disputes are raised	Monitor areas of known risk and protect against disputes

“I need to use project data in an effective way...”



	Client Position	How AutoMutatio Helps
	Disaggregated systems and restricted access	Collate all data from across the project instantly
	Manually tag each piece of data	Use keyword lists to automatically categorise data
	Exact searches through systems to find documents	Easily find & query information about the project
	Manually search through topic to highlight issues	Create reports and easily visualise the problem in-app

Investigations

“I need to understand how we got to where we are and what we can do differently moving forward...”



	Client Position	How AutoMutatio Helps
	Disaggregated systems with too much data	Unpack file archives maintaining version history
	Searching through systems for relevant documents	Intuitive search that navigates visualisations like timelines
	Hours mining through data for key information	Highlight critical impacts and explain why they matter
	Reports with minimal detail and foresight	Extract insights and emphasis mitigations for the future

“I need to improve our safety performance...”

	Client Position	How AutoMutatio Helps
	Lack of oversight over project safety	All communications and reports in one place
	Unorganised view of safety and key areas	Instantly categorise data into key risk areas for safety
	General view with no key considerations	Accentuate areas of high risk and find mitigation insights
	Reports with minimal detail and foresight	Extract insights and emphasis mitigations for the future

“I need to know when a crisis occurs or when a crisis might occur...”

	Client Position	How AutoMutatio Helps
	Messy communication channels	Automatically synchronise all your data feeds
	Retroactively searching through data	Automatic tagging highlights crises and early warnings
	Reactive response to issues that arise	Understand crises quickly and discover actionable insights
	Reports with minimal detail and foresight	Create digestible reports that reveal early warnings