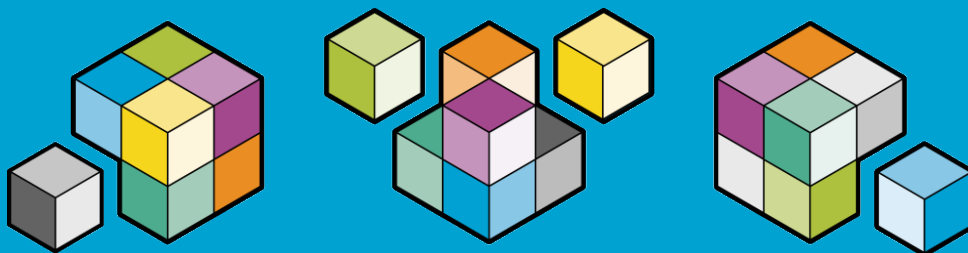
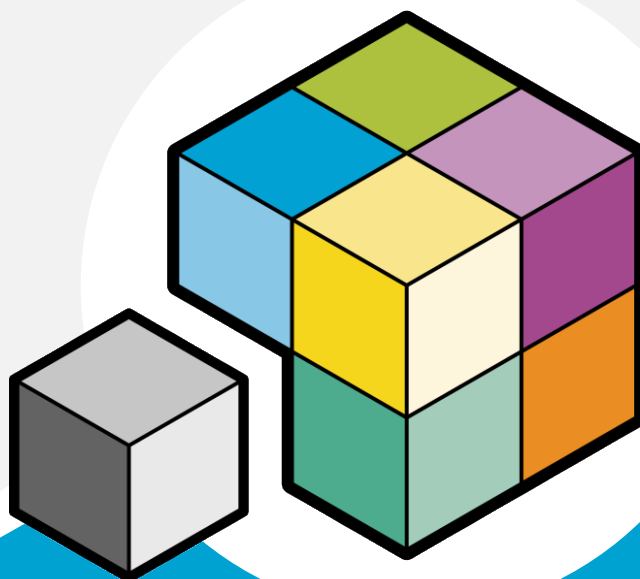


Unstructured Data Discovery and Risk Reduction

G-Cloud 15 **Service Definition**

January 2026



G-Cloud 15 Service Definition

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Unstructured Data Discovery and Risk Reduction

G-Cloud Service Name

Unstructured Data Discovery and Risk Reduction

Service Overview

Unstructured Data Discovery and Risk Reduction, enables you to reduce costs and risks from your ever-growing volumes of unstructured data. Optimise your organisation with Unstructured Data Discovery, Classification, Risk Reduction, Governance, and Remediation, to help: Comply with regulations, Reduce infrastructure costs, Lower risk, Strengthen security positions and Optimise AI output

Service Features

- Uncover and eliminate unnecessary Risk-laden files
- Identify, classify & lifecycle data intelligently & automatically
- Understand Enterprise Data to inform Governance, Risk & Compliance practices
- Ensure appropriate handling of Sensitive Data
- Optimise Storage & Backup utilisation and migrate workloads to Cloud
- Uncover and eliminate unnecessary Storage and Backup costs
- Real-Time Policy Enforcement for GDPR, HIPAA, CMMC
- Gain real-time intelligence on datasets before Cloud lift&shifts
- Discover, Classify, and Remediate Risky Data
- Provide clean and relevant Data to improve your AI Models

Service Benefits

- Achieve continuous Data Security and Compliance
- Automate the management and implementation of Data Governance policies
- Reduce unnecessary IT expenses: Storage, Compute, Backup, Network, Software
- Remove redundant & outdated data under business rules & policies
- Easily monitor for vulnerabilities, and detect potential security gaps
- Empower departments to manage their own data decisions
- Conduct intelligent and secure Cloud migrations
- Defensibly delete outdated, redundant, and low/no business value data
- Ensure that Risky Data is protected before migration
- Exclude outdated and sensitive data for improved AI results

The 'Digital Heap'

This phrase was first coined by Sir Alex Allan in his 2015 Review of Government Digital Records, in which he noted that the transition from paper-based working to email and electronic documents, undermined the rigour of information management across much of government.

“In one of our ‘heaps’ there were over 11 million files, all of which needed to be reviewed before they could either be retained as a historic record or destroyed.

We estimated that it would take one person 59 years to read them all, and if we attempted to employ 59 people to complete the task in one year, the paybill would exceed £2million...”

Cabinet Office Digital - Conquering the Digital Heap
<https://codigital.blog.gov.uk/2023/01/16/conquering-the-digital-heap/>

Unstructured Data is a major enterprise concern

NAS and object storage (both on-prem & cloud) are the fastest growing segments in the storage industry, and the most inefficiently managed storage repositories.

Backup and recovery solution costs for unstructured data, both on-prem and in the cloud, are driving companies to re-architect data protection.

AI is a huge business driver, requiring the right data to be delivered at the right time, at the right cost, and without risk.

Key data migration projects are growing, as SaaS demand accelerates.

Security and risk management of unstructured data is still the #1 priority of the CISO, CIO, and CEO.

Over 50% of enterprises manage at least 5PB of data, and at least 80% of that data is unstructured.

89% of that data lives in a hybrid-cloud, multi-cloud, or cloud-only infrastructure.

Nearly 68% of enterprises spend over 30% of their IT budget, on data storage, management and protection.

In 2026, large enterprises will *triple* their unstructured data capacity across their on-prem, edge, and public cloud locations, compared to 2023 - *Gartner*

How much are *you* currently paying to store, backup, manage, and for disaster recovery of your 'Digital Heap'?

- 55-85% of unstructured enterprise data is probably **ROT** – **R**edundant, **O**bssolete and/or **T**rivial – where do you fit within this range?
- Average employee length of service is 4.1 years, meaning much of your data older than 4 years, has probably been orphaned.
- We normally find that the majority of unstructured data has not been accessed in over 7 years.
- Organisations are also trying to move data back from the cloud, due to excessive storage costs
- How frequently is your file data being accessed? Does your storage vendor help you?
- How old is your file data?
- What is the security posture of your file data? Does your network vendor help you?
- How many copies or snapshots of the same file do you have?
- Which of your files have open read/write access?
- Which of your files have PII, legal or security data?
- What data are your data scientists copying into your AI LLMs?

About Placecube

Placecube provides solutions, services, integration, and personalised user experiences.

Our platforms are co-created with the public sector for the public sector. We make it simpler to create services, integrate systems and personalise user experiences. Together we make users' digital journeys easier, faster, and better connected.

We accelerate digital journeys through the reuse of existing digital services. We work collaboratively, ensuring that our clients never pay twice for the same development. And we differentiate ourselves through our actions and behaviours, living by the core principle of 'Do the right thing'.

1. Making digital government more affordable.

By re-using well-designed services, already co-created with the public sector and their users, we make it easier to launch digital strategies that bring people, communities, businesses, and infrastructure closer together for a more connected place.

2. Reusing components to avoid unnecessary redevelopment.

Clients benefit from this capability to accelerate transformation, avoiding duplication and cost, using integrated tools to enable personalised services, engaged communities and secure collaboration.

3. 20+ years working with the public sector.

Placecube has a wealth of government digital experience and has been working with local authorities and other public sector organisations, across Central, Civil, Health & Policing for over twenty years (since 2003).

4. 20+ years working with trusted technology partners.

Placecube also has a wealth of experience as authorised technology partners, working together with proven and trusted technology partners for over twenty-years.

5. Provider of Knowledge Hub, the open knowledge platform for public service communities everywhere.

A platform to collaborate and share across teams, organisations, and communities. Co-designed with the public sector and used by more than 100,000 users from 5,000 organisations across 80 countries.

About Placecube Unstructured Data Discovery and Risk Reduction

With Placecube Unstructured Data Discovery and Risk Reduction, smarter data outcomes can provide real business benefits:

- Data not accessed in 7+ years, can be migrated to object storage at ¼ of the cost of Tier 1 NAS.
- Duplicate copies of files and snapshots can be eliminated.
- Shrink your surface attack size.
- Reduce 30-50% of the costs of data protection (replication, BU SW/HW, DR, etc.).
- Open shares with risk data can be eliminated, vastly reducing security risk.
- PII, legal, HIPAA, and security information can be protected from attack and improper copy management to Cloud and AI LLMs.
- AI LLMs can be efficiently fed with the right data, at the right time, without risk.

Key Features

Placecube Unstructured Data Discovery, Classification, Risk Reduction, Governance, and Remediation, is a fast and simple 3-step solution:

Identification

- The process of discovering & labelling data elements within chaotic datasets through classification
- Enables organisation, securing, and retrieving information from sources including emails and documents

Classification

- The process of categorising data based on its content, context, or metadata, yielding organised, usable data sets
- Enables efficient search, retrieval, & governance of data, supporting compliance, security, and easier data management processes

Remediation

- The process of addressing & correcting improperly classified or unsecured data, ensuring compliance with org policies and regulations
- Involves actions like tagging files, securing sensitive data, and removing redundant or obsolete information to maintain data integrity and reduce risks

Product Details

Enterprise Insights

- **Identify** - quickly identify file and folders at the source for analysis
- **Analyse** - use file and folder-level properties to classify:
 - Stale files
 - Obsolete files
 - Trivial files
 - Redundant files
 - Risk indicators
- **Review** - Enterprise Insights report presents results via document lists and previews

Includes use-case driven Insight Analysis Modules:

- Storage and Migration Optimization
- Business Optimization
- Data Security and Risk Optimization

Actions (additional option)

The Enterprise Insights solution, with added Actions:

- **Tier** - strategically store data in hot/cold tiers based upon content, frequency of use, etc. for cost savings, security, and ease of use
- **Move** - securely and easily migrate data within your data environment
- **Delete** - defensibly and safely delete files, while automatically documenting the chain of custody with an accurate audit trail

Comply360 (additional option)

The Enterprise Actions solution, with the full power of the platform:

- **Classify** - sort data as per shared business characteristics via content-level ML inspection, uncovering strengths and exposing weaknesses through simple workflows
- **Remediate** - take the following actions:
 - Inject
 - Tag
 - Encrypt
 - Archive
 - Preserve
 - Migrate
 - Delete
- **Automate** - schedule regular processing, analysing and actioning cycles

Learn More

Set up a conversation with our technical team for further details. enquiries@placecube.com

Training

Comprehensive, bespoke training is a standard component of our implementations, and it has been developed to support our clients' in becoming self-sufficient.

Training commences well ahead of live deployment with in-house staff using the system for testing, accelerating their efficiency and ability to react to future business and legal requirements.

We can enhance initial on-site training with scheduled refresher sessions. Ongoing knowledge transfer can be provided through ad-hoc 'ask-the-expert', written guidance and virtual Communities of Expertise; all geared to creating self-sufficient, in-house expertise. A knowledge base is provided to help staff with day-to-day tasks and processes.

Onboarding & Offboarding Support

Our solution is ready-to-use and can be deployed at pace.

Firstly, we will work with you in person and via virtual meetings. We will then set up sessions to walk through the service, demonstrating the various administrative and end-user interfaces. You will have opportunities to practise, test and ask questions.

Once deployed, we provide a dedicated web-based support desk, available from 09.00-17.30, normal business days, as standard. Telephone, on-site or 24*7 extended support can be made available for an extra cost. Our support team consists of highly skilled, experienced professionals, who can help troubleshoot any problems.

If you no longer wish to use the service, all data analysed by the platform, remains in-place within your data storage, as before the service commenced.

Security & Privacy

We are committed to keeping your data safe and secure and adhere to extremely strict security standards. This includes operating from SOC-1/ISAE-3402/SOC-2/SOC-3 compliant datacentres run by Amazon Web Services (AWS) and maintaining ISO27001 certification covering both our corporate and datacentre environments. We also hold Cyber Essentials Plus accreditation.

Our cloud software solutions are hosted by AWS in the UK in some of the most highly specified datacentres available. They're built to exacting, rigorous standards and deliver unparalleled security, power, connectivity, and environmental control. It's a world-class infrastructure and keeps our servers running uninterrupted 24*7. The datacentres are engineered with fully redundant connectivity, power, and HVAC to avoid any single point of failure. Each datacentre is staffed by highly trained technical support staff.

We manage the infrastructure for you, so you can concentrate on managing your platform and your users. We ensure that all software within the environment, including operating systems, databases and application-level software is fully patched. We use enterprise-grade monitoring solutions on all our cloud environments to allow us to pre-empt and react to system events and resource usage.

The platform goes through weekly vulnerability scanning at the web application and infrastructure level, and is penetration tested at least annually by an independent CHECK service provider. The underlying software of our solution, Liferay DXP, is also regularly penetration tested and verified by a third party.

We are an ICO-registered data controller and have appropriate data processing agreements in place with all clients to meet the requirements of the General Data Protection Regulations and Data Protection Act.

Governance

Across our organisation, we have established systems in place to enable us to monitor and report against our performance quickly and effectively. We are proud of our track record in which we consistently exceed all these required standards for our existing clients. However, we are not complacent about this, and are constantly reviewing technology, processes, and controls to ensure we maintain or improve these standards.

Our clients' requirements are typically aligned with our own well-established service standards, so we know we can provide an appropriate level of service having done so for other similar clients for several years. Priority classification is also a well-understood prioritisation model, which provides additional assurance that we will deliver reliable support service based on established best practices.

In addition to operating a responsible governance model, and providing outstanding support to our clients, our clients receive additional peace of mind through the eight stated commitments that we openly make about how we will continue to operate.

These eight commitments are just a part of how we uphold our reputation for doing the right thing.

1. Our subscription pricing will be transparent and fair – we will not surprise you with hidden costs or seek to charge you extra to keep features, services or integrations working in the way we have committed to you throughout our contract with you. We will only seek a fair return for providing genuine additional benefit and value to your organisation.

2. We will not charge you a premium to integrate with our software or any digital services we provide – we will facilitate this wherever possible through the use of open APIs. When we develop a new interface it will automatically become part of your existing subscription unless we agree with you in advance that it may put either party at a disadvantage to do so or that, as a prerequisite, another third party must also be consulted and asked to contribute to the cost.

3. We will use and support open standards – we will strive to reuse, develop, and contribute to a growing library of open source code and supporting collaborative initiatives to develop open standards wherever possible. We require third party partners to meet these standards. This includes a commitment to publish open source code so that it is accessible to others who may wish to adopt it wherever possible, and to support growing open source communities in which we participate. Our intention is always to promote re-use wherever possible and avoid duplication of investment and costs on the part of our clients and partners.

4. We will uphold the principles of data protection, security and privacy by design – personal data will remain private, open data will be open to share and any data services we provide will be designed for the benefit and improvement of your services. We will never seek to undermine the trust users place in services we provide through inappropriate collection, manipulation, or exploitation of user data.

5. We believe web accessibility is essential, always – we will strive to meet leading standards of accessibility in any services we provide or websites that we build, and we will uphold this principle in any quality review we undertake. This includes conformance with Web Content Accessibility Guidelines standards as a minimum.

6. We will always seek to minimise the impact or disruption of any change – when you entrust us to provide software and services on your behalf, we will always seek to coordinate and communicate any changes, updates or new releases so that your services are not disrupted. Where a fault occurs, we will remedy this fault according to the highest professional standards, by communicating openly with you and rectifying the issue as quickly as possible.

7. We believe you have a right to know how your service is performing at all times – we will share performance data summaries with you at no additional cost and will be open to discussing any additional detail you may require where it is reasonable and practical to do so without imposing any further charges. We will only seek to charge for requests that require significant development effort to provide.

8. We are committed to Place by design – our investment in place-based initiatives, through our solutions and technology, will always be designed to bring government, businesses and communities closer together to promote healthy, thriving local ecosystems with improved outcomes and sustainability for the Place. We will act responsibly and make a positive contribution to society.