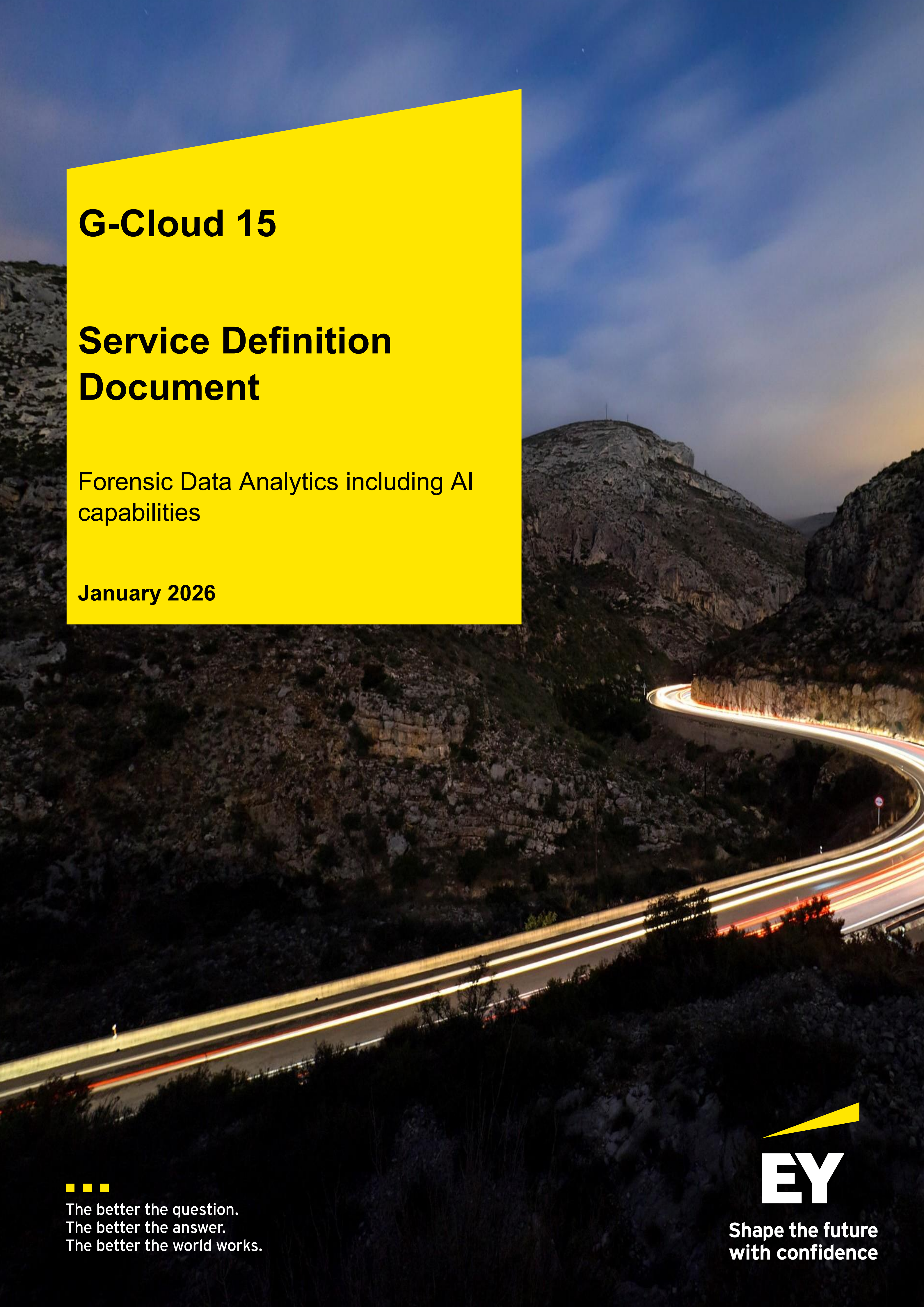

G-Cloud 15

Service Definition Document

Forensic Data Analytics including AI capabilities

January 2026

The better the question.
The better the answer.
The better the world works.

EY
Shape the future with confidence

Contents

1. Service detail

Successful organisations depend on their reputation for keeping promises, respecting laws and behaving ethically to maintain stakeholder trust. EY Forensic & Integrity Services professionals help organisations protect and restore enterprise and financial reputation. We assist companies and their legal counsel to investigate facts, resolve disputes and manage regulatory challenges. We put integrity at the heart of compliance programs to help better manage ethical and reputational risks. We use cloud, technology and AI as the foundation of all our services to leverage the power of data, enhance productivity and improve accountability.

Organisations today manage vast volumes of data across processes, transactions, and relationships. This data holds critical insights into potential fraud, non-compliance, and regulatory breaches, but unlocking those insights requires advanced analytics and forensic rigour. Whether it is rules-based analysis (e.g., detecting employees accessing systems out-of-hours) or sophisticated predictive models (e.g., identifying vulnerable populations during a pandemic), our work with clients ranging from large multinational pharmaceutical companies through to governmental departments provides robust forensic approaches, to ensure confidence in conclusions and compliance with regulatory standards.

Our Forensic Data Analytics technologists partner with you to address issues related to compliance, regulatory breaches and fraud, among others. The service includes the following core components:

1. Data Acquisition and Preparation
    - Identification of relevant datasets from operational, finance, HR, procurement and case management systems.
    - Assessment of privacy, security and data sharing requirements, including support with data access agreements.
    - Ingestion, integration and cleansing of structured and unstructured datasets to create a unified, reliable data foundation.
2. Forensic Analytics and AI-Enabled Assessment
    - Application of rules based and statistical techniques to detect anomalies, unusual behaviours and risk indicators.
    - Use of machine learning and AI/LLMs if required, to support predictive analysis, pattern detection and classification tasks, underpinned by Responsible AI governance principles.
    - Entity resolution and network analysis to identify hidden relationships, third-party linkages and potential risk exposure.
3. Risk Identification and Investigation Support
    - Generation of evidence ready outputs that support investigations, claims, disputes, fraud inquiries and regulatory reviews.
    - Creation of risk tiering models to prioritise cases for further review.
    - Support for compliance assessments related to financial controls, grant disbursements, procurement activities, contractual performance and more.
4. Reporting, Visualisation and Actionable Insights
    - Development of dashboards and visual outputs that present findings clearly for operational and senior stakeholders
    - Potential addition of suggested actions to simplify and speed up stakeholder response.

5. Continuous Monitoring
    - Configuration of automated risk alerts and exception monitoring to detect recurring or emerging issues.
    - Integration of analytical insights into ongoing compliance and risk management activities.
    - Transition support to embed monitoring processes within client teams.

The service is delivered using a secure cloud platform, either:

- Within the client's cloud tenancy, or
- Via EY's accredited hosting environment on Microsoft Azure.

Delivery includes provisioning of analytics environments, secure data handling, model development and deployment, data processing, as well as designated access to dashboards and outputs.

The solution is scalable from one-off forensic reviews, such as helping a client triage their payment data to identify high-risk transactions, to multi-year enterprise-wide analytics programmes where we have assisted clients by monitoring their risk and compliance procedures.

Our experienced professionals interpret complex data to identify patterns, anomalies, and emerging trends through the application of data science, engineering, AI / LLMs, machine learning and analytics techniques. Capabilities include entity resolution and network analysis to uncover hidden relationships and assess associated risks within an entity. This could be to manage supply chain risk, customer due diligence or third-party risk management, assisting organisations in gaining a single, trusted view of entities and their connections. For example, we used these techniques on datasets containing ultimate beneficial owners (UBO) and insolvency registers to deliver results for a client in the financial industry who wanted to improve their credit-risk visibility.

Some potential use cases for Forensic Data Analytics include:

Risk Management:

- Proactive risk detection, management and specialised analytics services including feeding investigation insights into predictive monitoring systems to prevent repeat issues.

- Insights into the risks associated with potential Mergers and Acquisitions, enabling informed decision-making.

- Transaction Diligence within organisations to assess the integrity of financial transactions, identifying potential risks before they escalate.

Compliance:

- Compliance assessments, investigations and dispute resolution services, further enhancing support in navigating complex issues, such as adherence to regulatory requirements.

- Retrospective reviews, real-time monitoring, and forward-looking predictive compliance.

- Automation and AI-enabled compliance transformations.

Investigations, Claims and Disputes:

- Management of fraud and error risk in Government schemes, disbursements and procurement.
- Promotion of integrity in publicly funded schemes by combining advice on topics such as fraud risk assessments, compliance, whistleblowing, third party risk, etc.
- Quantification of damages and claims in disputes with suppliers, agents and public bodies with services spanning the entire lifecycle of claims.
- Analysis of systems and data in order to provide robust evidence in support of or in defence against claims and disputes.

By combining EY's forensic expertise, AI-enabled analytics, and entity-resolution technologies, organisations gain actionable intelligence to manage risk confidently and strengthen trust, reliability, and integrity. Further combined with EY's comprehensive capabilities across the public sector value chain, this positions us to be your analytics, forensics and data processing partner of choice.

Benefits	Features
• Analysis detecting fraud, regulatory breaches, financial irregularities, to build trust • Anomalous transactions highlighted through analysis of vast data volumes • Experienced team with domain knowledge across different sectors provides perspective • Links business problem to underlying data • Tackles client issues of varying size • Analyses multimodal structured and unstructured data • Flexible, bespoke design of fraud risk indicators enables tailored response • Reliability through robust, auditable and repeatable data analytics processes • Experience at handling all levels of Government data classification • Integrated risk insights provide holistic view for strategic decision-making	• Intersection of analytical skills, technology, domain knowledge and risk management • Online or offline analytics as needed • Forensic, regulator-quality evidence and outputs • Industry-standard analytical practices techniques including behavioural insights • Technology agnostic, using best fit for the problem at hand • Solutions range from simple visualisations to complex AI workflows • Highly sophisticated multi-layered, flexible entity matching from strict to very fuzzy • Varied data sources integrated through sophisticated data pipelines • Quick turnaround with lite simplified versions of available solutions • Supported by Investigations, Claims, Disputes, and Transactions Forensics professionals

Case Studies:

Client: Government Department The requirement was to establish an evidence-based decision-making capability by leveraging valid and reliable organisational insights. We established a small, specialised team to provide on-demand data analytics support for key business areas
EY Role: Our team was tasked with providing a range of solutions, including: • Digital transformation of an existing forecasting tool that was manually driven and was disconnected from the organisation's digital ecosystem Our work involved combining and reconciling data from a variety of different systems in a robust, accurate and transparent manner and creating an automated data pipeline. The nature of the client, the data and the assignment required a significant focus on data security and confidentiality. Attention was also paid to adopting a simple, highly visual and interactive approach, all the way through to presentation of the outputs.
Value delivered: This product delivered tangible benefits for a wider digital transformation project, leading to better acceptance of digital initiatives. The automated tool provides up to date insights, enabling agile monitoring and planning. The underlying data structures support further development of additional modules.

Client: Client in the Pharmaceutical industry Verifying Time and expense claims was slow and labour-intensive. The client wanted to use cutting-edge solutions to make this process efficient while looking for novel noncompliance and fraud topologies.
EY Role: EY used AI and optical character recognition (OCR) to extract and structure relevant information from poor-quality scanned documents linked to employee expense submissions. The resulting data was analysed using an AI-enhanced testing structure to analyse compliance with expense policies (e.g., whether an attached receipt was likely to match the expense type). The EY team then used the output to deliver a risk-ranking dashboard allowing compliance team members to understand the risk profile of the expense submissions.
Value delivered: EY's solution reduced the requirement for manual verification of expense claims by a significant factor, automating confirmation of compliant expenses and allowing compliance resources to be directed towards investigation of non-compliant and borderline cases. The dashboard enhanced reporting quality for compliance teams as well as allowing reporting based on expense type, amount and geographical region.

Client: Government Department EY was engaged by a government department to perform a data-driven post-award assurance exercise for recipients of emergency grants. The purpose of the exercise was to identify and prioritise those recipients that may have been overfunded, received funding from incompatible schemes, or attempted to take undue advantage of the funding made available.
EY Role: EY collected, harmonised and analysed data from several public and proprietary sources. Using advanced data analytics, a series of financial and non-financial indicators were applied to prioritise the applicants into risk tiers. The highest risk tier was enriched using public data sources to further identify recipients that warranted additional review.
Value delivered: The exercise resulted in the identification of funding made to a number of recipients that required further review. Additionally, the exercise provided Departments with greater assurance over their grant disbursement processes and helped foster a better working relationship between the Departments.

Client: Government Department The requirement was to perform a review of a supplier's timesheet data, in order to identify any overcharging as part of a forensic contract review.
EY Role: EY sourced, ingested and hosted invoice, timesheet and payments information from both the client and the supplier, and performed an extensive review including validation against external data sources where available, to identify any overcharging. EY performed pragmatic and customised analytics designed around the client's contract with the suppliers. This included anomaly detection of unusual timesheet / billing behaviour, rate testing to validate the amounts being charged per employee, and social-media analysis which were incorporated into these tests, combined with EY's detailed knowledge of common risks associated with materials expenditure.
Value delivered: EY prepared an extensive report and interrogated the supplier for further evidence to support questionable charges. The initial data preparation stage and compilation identified some inaccuracies in the supplier's billing practices, which the supplier corrected and provided to the client as an outright refund. The subsequent analytics and forensic approach taken by EY delivered significant savings to the client.

Client: European bank The bank wanted to improve its visibility of credit risk using richer datasets and more advanced techniques.
EY Role: EY sourced and connected data from the bank's internal systems and external datasets, including Ultimate Beneficial Owners (UBO) and insolvency registers. Using Entity Resolution technology, a unified view of each customer was created, developing interactive networks that highlighted links among customers, UBOs, and financial institutions. This approach allowed the bank to assess risks not just at the organizational level but across the entire ecosystem. **Further Use Cases:** • **Fraud Detection:** Proactive identification of risk indicators. • **Single Entity View:** Uncovering hidden risks and dependencies. • **Application Screening:** Early identification of inconsistencies in loan applications. • **Audit Support:** Quick risk assessments through interactive data review. • **Criminal Investigations:** Enhanced evidence collation for law enforcement referrals.
Value delivered: The client not only got visibility of potential defaults three times quicker but also identified more such risky clients. This allowed the bank to make better lending decisions and use their capital much more effectively.

1.1. Pricing

Please refer to the attached pricing document.

2. Key contacts

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EY | Building a better working world

About EY

EY exists to build a better working world, helping to create long-term value for clients, people and society and build trust in the capital markets.

Enabled by data and technology, diverse EY teams in over 150 countries provide trust through assurance and help clients grow, transform and operate.

Working across assurance, consulting, law, strategy, tax and transactions, EY teams ask better questions to find new answers for the complex issues facing our world today.

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