

A full-page background image of a person rock climbing a steep, reddish-brown rock face in a narrow canyon. The climber is wearing a blue long-sleeved shirt, blue pants, and a white helmet. They are positioned on the left side of the frame, reaching up towards the top of the rock face. The rock has a textured, layered appearance with various cracks and crevices. The lighting is bright, suggesting daylight.

Forensic Investigations, Corporate Intelligence & Litigation Support



Introduction

At Arendt Regulatory & Consulting, our Forensic Investigations, Corporate Intelligence & Litigation Support team works side by side with law firms, boards, and in-house legal, finance, compliance, audit, and inspection functions, across a wide range of industries, from banking and insurance to corporates and investment funds.

Our focus: assist clients in navigating sensitive situations, such as internal investigations related to suspected fraud, embezzlement, harassment, workplace misconduct, and whistleblowing, along with complex litigation and disputes and even criminal and regulatory investigations (corruption, money laundering, antitrust, market abuse). We also help our clients take preventive action by relying on our integrity and transaction due diligence experts. We combine expertise, experience, and innovative solutions.

Every successful investigation relies on a strong multidisciplinary team. That means not just forensic accountants and digital forensics experts, but also professionals who know how to read data, how to read a room, and are attuned to both human behaviour and the legal context.



Forensic accounting is about much more than numbers. It means uncovering manipulation schemes, tracing flows through shell companies, reconstructing financial transactions from incomplete data, and spotting patterns others miss. This expertise is built on years of training and case experience.



Digital forensics focuses on identifying, collecting, preserving, and analysing digital evidence such as emails, logs, mobile devices, cloud systems, and encrypted files. Our team uncovers hidden or deleted data and finds key evidence, all within strict chain-of-custody standards. Our expert professionals are also able to deal with cybersecurity incident response where forensic evidence or a post-incident review is needed.



Corporate intelligence is the collection, analysis, and verification of information, both open-source (OSINT) and human intelligence (HUMINT). It plays a key role in uncovering beneficial ownership, mapping changes in control, tracing assets, and identifying hidden risks (or opportunities). Corporate intelligence is a decision support asset as it covers compliance, reputational risks, third-party integrity, and stakeholder mapping.



The art of interviewing combines investigative methods with emotional intelligence. Whether dealing with whistleblowers, witnesses, or suspects, it is about asking the right questions, reading between the lines, building trust to uncover the truth, and then joining the dots with the other investigative streams.



Legal awareness and attention to detail are key strengths of our experts, critical to a solid investigation. From ensuring procedural soundness to delivering clear, documented findings, our work supports legal teams and strategic functions with expert reports, robust forensic procedures and testimony that translate complex realities into strong, courtroom-ready evidence.

Our Services

We deliver a comprehensive range of forensic and investigative services to support clients and their legal counsel in navigating high stakes matters.

Whether the challenge involves misconduct, regulatory scrutiny, complex litigation, or pre-transactional due diligence, our experts bring decades of hands-on and international experience to provide clear, actionable solutions built around your strategic priorities.

Our firm is **independent and European**, with teams based in Luxembourg and France, serving international clients on local and cross-border matters such as investigations, litigation, and transactions due diligence.

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Internal investigations

Companies today face growing pressure to prevent and detect financial crime, workplace misconduct, breach of antitrust regulations, environmental risks - the list goes on. Issues such as fraud, embezzlement, data breaches, and workplace misconduct (harassment, theft, etc.) can have a profound impact across all areas of a business, especially if not managed swiftly and internally.

When concerns arise, whether through complaints or whistleblowing channels, companies must act decisively by launching an internal investigation with the support of expert teams and legal counsel. Data must be quickly identified, preserved, and analysed. Witnesses and suspects need to be approached carefully, without disrupting daily operations. At Arendt Regulatory & Consulting, our seasoned investigators, each with specific and rare expertise coupled with decades of international experience, can mobilise immediately as time is of the essence in a crisis.

We work seamlessly alongside your internal teams and internal/external counsel to ensure investigations are efficient, confidential, fully compliant with applicable laws and regulations (e.g. data protection and privacy laws), and most importantly, deliver you the greatest possible value. Our flexible methodology adapts to your situation, whether it involves interviewing witnesses, collecting electronic evidence, or enriching findings with open-source and human intelligence. We deliver objective, detailed reports to help safeguard your organisation’s assets, reputation, and legal standing.

Fraud and embezzlement

When corporate assets are misused, stolen, or manipulated, a swift and thorough internal investigation is critical. Fraud can take many forms, from asset misappropriation, procurement collusion, and payroll fraud to financial statement manipulation, forgery, data theft, or undisclosed conflicts of interest. Each case requires a tailored investigative approach to detect hidden schemes, trace actions across systems and teams, and build a clear, defensible picture of the facts. Our experts assist by identifying key data sources, collecting, and securing both structured (e.g. ERP, accounting databases) and unstructured data (e.g. emails, reports, communications, logs), and performing targeted analyses to uncover misconduct patterns. We apply forensic accounting, digital forensics, behavioural analysis, and intelligence techniques to trace illicit activities across systems and departments. We ensure a strict chain of custody for all evidence, and document findings in clear, defensible reports to support disciplinary actions, recovery measures, or legal proceedings.

Workplace misconduct

Handling workplace misconduct (such as moral or sexual harassment, discrimination) requires extreme care to preserve impartiality and procedural fairness. Our process begins with an assessment of the initial allegations and available evidence. We then identify all relevant parties and conduct structured, objective interviews, focusing on consistency, credibility, and corroboration of statements. Where necessary, we complement witness testimony with forensic analysis of communications (emails, chat logs, mobile devices), messaging platforms (Teams, Jabber, Slack, Zoom, etc.), user activity, browser history, and so on, to validate or challenge claims. All actions are carefully documented to ensure a defensible investigation process that supports HR, legal, or management decisions.

Whistleblowing

Receiving a whistleblowing alert, particularly under the Directive (EU) 2019/1937 framework, triggers not only reporting obligations but also the duty to investigate thoroughly and fairly. We assist by immediately securing and assessing incoming information, verifying its credibility, and defining the scope of investigation. Our experts gather supporting documentation, conduct confidential interviews, and seek corroborating evidence using digital forensics or intelligence techniques, while strictly protecting the whistleblower’s identity and rights. Findings are documented in detailed reports designed to support further actions: remediation, disciplinary measures, or legal proceedings.

Cyber

Following a data breach, cyber incident, or internal misuse of IT systems, we conduct forensic imaging, metadata extraction, and recovery of deleted files from devices, servers, cloud services, and communication platforms. We then analyse the data to reconstruct the timeline of events. Our experts use industry-leading review platforms like Relativity to quickly identify critical evidence, what was accessed, who was involved, when the breach occurred, and how the compromise unfolded.

Case study: fraud and misconduct investigation

Our client received an official complaint alleging sexual and moral harassment. Our investigation relied on targeted interviews with the alleged victim, the alleged perpetrator, and witnesses, and a forensic review of the relevant communications (emails and Teams). Our work confirmed the allegations, but also uncovered irregularities in the procurement including a conflict of interests between the alleged perpetrator and one of the suppliers.

Criminal and regulatory investigations

Organisations are under increasing regulatory pressure due to the surge in legal requirements, stricter enforcement, harsher sanctions, and **increasing activity from the regulators and prosecutors**. This environment has triggered **a significant rise in regulatory investigations, litigation, and disputes**, often involving multiple authorities and high volumes of sensitive data.

In this context, a defensible and forensically robust approach to large-scale investigations and the ability to respond effectively to regulatory scrutiny are critical to safeguarding business interests.

At Arendt Regulatory & Consulting, we assist organisations and their legal counsel in navigating complex criminal and regulatory investigations across a wide range of issues including competition, corruption, anti-money laundering (AML), sanctions compliance, and ESG-related risks.

We also support organisations facing large data requests in the context of dawn raids, by ensuring rapid mobilisation, secure handling of digital evidence, and coordinated response strategies.

Money laundering investigations

In money laundering investigations, rapid access to and analysis of data are essential. We trace illicit funds through complex structures, such as shell companies and layered transactions, while leveraging open-source intelligence, including shareholder records, beneficial ownership data, directorship networks, and relevant social media activity. This enables us to map links between individuals, assets, and entities, enrich fragmented datasets, and visualise complex financial relationships. Our approach ensures a comprehensive and defensible understanding of the operations under scrutiny, from transactional flows to hidden connections.


Antitrust

Our antitrust investigations focus on detecting potentially collusive behaviours and market abuses that undermine fair competition. We deploy advanced analytical techniques to scrutinise market dynamics, pricing strategies, bid patterns and supply chain relationships, in order to uncover practices such as price-fixing, bid-rigging, and market allocation. By combining quantitative analyses with qualitative reviews of inter-company behaviour and competitive interactions, we map hidden networks and detect subtle forms of anti-competitive conduct that traditional methods might overlook.

Case study: fraud and misconduct investigation


Our client was inspected by the financial supervision authority who requested large quantities of data.

Our investigation, to support the defence of our client, uncovered a very complex chain of events and actions by certain employees, including misconduct (unauthorised payments, forgery, etc.), which led to a criminal complaint, several dismissals, and restructuring of the company.




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Corruption investigations

We specialise in forensic investigations of corruption and white-collar crime, using forensic accounting to detect patterns of bribery, kickbacks, and other illicit transactions and fraudulent activities. Our methodology integrates detailed transactional analysis with intelligence gathering to examine beneficial ownership ties and potential conflicts of interest. Through the combination of hard data plus open source and human intelligence, we expose hidden relationships and financial flows that compromise the integrity of business operations.

Other regulatory investigations

Beyond the traditional areas, we assist organisations facing a broad range of regulatory challenges, including sanctions breaches and ESG-related risks such as greenwashing allegations. We collect and analyse critical evidence and identify weaknesses that could expose organisations to regulatory scrutiny. Through meticulous analysis, we help organisations proactively address concerns and demonstrate a clear commitment to compliance and governance.

Assistance with requests for large quantities of data

We support clients during dawn raids or following a request for data by an authority such as the antitrust or financial supervisory authority. We use our expert knowledge and access to the most advanced forensic tools to help identify and collect data for preservation and further review.

We align with legal counsel on the applicable local and international regulations. This allows us to safely address technical considerations when collecting data efficiently, while also ensuring the integrity and defensibility of the forensic process and that the scope of the dataset is balanced to be neither over-inclusive nor incomplete.

Disputes and litigation support

We assist legal teams, both internal and external, in gathering intelligence and evidence to support complex disputes, litigation, and arbitration cases. At Arendt Regulatory & Consulting, we help reconstruct timelines, analyse transactions, map relationships, and uncover potential conflicts of interest, government links, and ultimate beneficial ownership in a forensically sound and defensible manner.

We combine investigative skills with technical capabilities (digital forensics, intelligence gathering, data analytics) to uncover facts that often lie beneath the surface. Our added value stems from our ability to deal with fragmented, cross-border and high-volume datasets, turning them into actionable evidence.

Litigation support

Litigation and arbitration proceedings often require the analysis of vast amounts of disorganised or contested information, spread across jurisdictions, formats, and parties. We support our clients by identifying, collecting, and analysing critical information from both structured systems and unstructured sources, including documents, communications, metadata, and human intelligence.

- Our services include:**
- Support to general counsel and external legal advisors.
 - Reliable intelligence gathering (OSINT and HUMINT*).
 - Identification, profiling, and contact strategy for key witnesses.
 - Analysis of financial flows, transaction patterns, and asset movements.
 - Cross-border and multi-jurisdictional fact-finding.
 - Detection of fraud collusion, or self-dealing.
 - Mapping of hidden interests and influence networks.
 - Forensic reviews of emails, documents, accounting, and communication records.

*open-source and human intelligence

Asset tracing

In the context of litigation, arbitration, or fraud investigations, asset tracing is often critical to identifying seizable resources or recovering misappropriated proceeds. Our experts trace all types of assets - financial, tangible, and intangible - through complex, layered, or opaque structures involving nominee shareholders, trusts, shell companies, or cross-border holdings. Asset searches are iterative and resource intensive. We adopt a phased, results-driven approach aligned with the legal strategy and the intelligence available at each stage.

- Our capabilities include:**
- Tracing complex financial flows, including on blockchains.
 - Identifying tangible assets such as real estate, vehicles, vessels, and high-value goods.
 - Mapping ownership of intangible assets including IP rights, equity stakes, royalties, and digital assets.
 - Establishing comprehensive asset positions to support enforcement, settlement, or recovery actions.
 - Leveraging data analytics, public records, registries, and OSINT (including social media intelligence) to enrich asset profiles.



Case study: uncovering conflicts of interests

Our client, a limited partner in an investment fund, raised concerns about potential mismanagement, fraudulent activity, and undisclosed conflicts of interest involving the fund's general partner.

We conducted in-depth research (OSINT and HUMINT) on key individuals, analysing their business interests, directorships, and networks.

We also reviewed suspicious investments in structured products to identify patterns, recurring counterparties, unusual structures, high brokerage fees, valuation issues, and conflicts of interest between the parties involved, suggesting a potential fraud.

Our research, documented in a report, enabled the client's legal counsel to substantiate a claim to remove the general partner which they submitted to court to protect the limited partner's interests.

Integrity due diligence and intelligence gathering

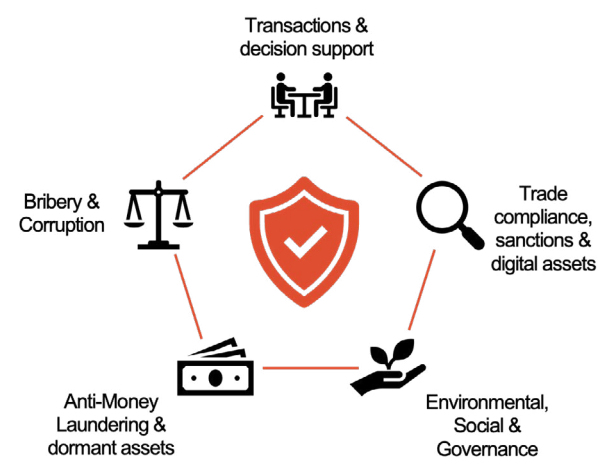
Arendt Regulatory & Consulting helps organisations address a wide spectrum of challenges by offering a comprehensive intelligence solution that goes beyond traditional compliance to empower strategic decision-making. We not only support regulatory compliance, tackling issues such as anti-bribery, anti-money laundering, sanctions, and ESG requirements, but also empower decision-makers with strategic insights to guide proactive risk management.

A central pillar of this approach is corporate intelligence, which leverages both OSINT and HUMINT. By gathering and analysing data from both types of sources, we provide a truly holistic view of the environment in which our clients operate. This multi-layered intelligence framework enables the identification of reputational risks, emerging threats, and strategic opportunities, allowing our clients to stay ahead in a fast-evolving landscape.

By combining multidisciplinary expertise (e.g. compliance, technology, cyber, forensic accounting) with extensive industry experience, we translate complex data into clear and strategic intelligence. Thus, we provide our clients with insights to navigate an increasingly complex risk and regulatory environment, protect their interests, and maintain a competitive edge in rapidly changing markets.

Integrity due diligence

Diligence refers to the comprehensive process of investigation, analysis, and assessment to understand the risks and benefits of a particular transaction or business decision. It is a critical step. Our due diligence approach allows you to make informed decisions, thoroughly document them, align with regulatory requirements, and safeguard your reputation in an increasingly complex environment. It goes beyond mere information repositories or box-checking exercises.



thorough risk-based due diligence. This process enables us to pinpoint areas of concern and identify potential risk and reputational exposure (e.g. corruption, money laundering, sanctions, ESG), or other compliance vulnerabilities.

We scrutinise corporate structures, verify ultimate beneficial ownership, screen for politically exposed persons (PEPs) and sanctions, and evaluate the integrity of each relevant party (e.g. shareholders, directors, executives, partners, third parties). We therefore deliver an evidence-based assessment of the target's integrity profile. This ensures that potential legal, regulatory, and reputational risks are effectively identified, assessed, and addressed before and/or throughout the transaction process.

By leveraging the combined expertise of our team and our holistic methodology, we help you gain a comprehensive view of each target and identify integrity and regulatory risks, whether related to corruption, money laundering, ESG factors, sanctions and embargoes, or broader reputational challenges, in order to make fully informed decisions.

Case study: integrity due diligence on the target of an M&A deal active in multiple countries

Our client was contemplating the acquisition of a majority stake a company active in the renewable energy sector and wished to gain a better understanding of its environment and stakeholders. We conducted an integrity due diligence on the entity, which included a deep media screening in local languages to identify potential issues in the relevant countries, and investigative research into the shareholders' reputation, sources of wealth, background, career history, litigation, key political and business connections, etc.

We identified red flags on a minority shareholder as numerous reports of corruption, embezzlement, and fraud. This enabled our client to renegotiate the deal and to buy this shareholder out.

Transaction due diligence

In all mergers, acquisitions, and investment transactions, it is crucial to identify potential integrity risks such as bribery, corruption, ESG issues, sanctions, and money laundering exposure. Our services are tailored in scope and depth to align with each deal, whether it involves private equity, majority or minority investments, or any other corporate transaction.

Our approach combines specialised investigative techniques, advanced analytics, and deep regulatory expertise to conduct

Regulatory compliance due diligence

In a world shaped by rapidly evolving regulations (e.g. CS3D, CSRD, the 2023 EU Directive on combating corruption, MiCA), compliance demands have never been higher.

Shifting from a basic “checklist” mindset to a holistic approach now requires thorough expertise and adaptability.

Our experts bring deep knowledge of compliance intricacies and extensive industry experience, helping you to protect your business interests in this ever-changing environment.

Our service offering is based on this holistic, integrated, and adaptable methodology tailored to each situation, regulation, and type of operation. Whether it involves corporate entities (KYB), supply-chain vendors (KYS), strategic partnerships (KYP), client onboarding and monitoring (KYC), or specific transaction checks (KYT), our integrated approach ensures comprehensive coverage of all compliance requirements, safeguarding both operations and reputation while effectively mitigating legal, financial, and reputational risks.

1. Bribery and corruption

Bribery and corruption pose significant threats to both reputation and operations. Identifying PEPs, State-Owned Enterprises (SOEs), and potential red flags across the supply chain is essential for aligning with anti-corruption laws and standards (e.g. FCPA, UK Bribery Act, Sapin II Law) and mitigating liability risks.

2. Anti-money laundering (AML-CFT)

With heightened regulatory scrutiny (e.g. under the various AML Directives), financial institutions and other regulated entities must remain vigilant regarding money laundering activities, particularly when complex structures conceal Ultimate Beneficial Owners (UBOs). Today's compliance requirements extend well beyond self-disclosed information.



3. Dormant assets

Dormant assets, including inactive bank accounts, unclaimed insurance policies, and forgotten safe-deposit boxes, can silently accumulate risk over time. Identifying, monitoring, and managing these assets requires diligence, structure, and discretion. Our team helps organisations detect and assess dormant assets, notify rightful owners where appropriate, and implement best-practice processes to manage them effectively. Our approach ensures proportionate, precise, and efficient management, helping prevent financial and reputational consequences linked to unmanaged exposure.

4. ESG and duty of care

Regulations related to Environmental, Social & Governance (e.g. CS3D, CSRD) are shifting from voluntary to mandatory, demanding the integration of ESG considerations into risk management. Conducting ESG due diligence prior to onboarding a partner or financing a transaction yields data-driven insights and helps substantiate decision-making, especially to prevent greenwashing accusations.

5. Trade compliance

Trade compliance obligations focus on the accurate classification, licensing, and documentation of goods, technology, and services in full compliance with export control legislation (e.g. EAR, ITAR, EU Dual-Use Regulations). This includes verifying supply chain partners, screening end-users, and assessing any restrictions that may apply. Violations can lead to hefty fines, disrupt operations, and seriously damage an organisation's reputation.

6. Sanctions and digital assets

Compliance with international sanctions, including secondary sanctions enforced by bodies such as the US OFAC and the European Union's regulatory framework, remains critical. Moreover, as digital assets grow in prominence, effective tracing, and monitoring of ownership and blockchain transactions are essential to uncover hidden stakeholders and adhere to emerging guidelines (i.e. FATF Recommendation 15, 5AMLD, MiCA).

Case study: dormant assets

Our client had several hundred accounts of customers they could no longer reach. As per a local regulation, they had to do additional research to identify and, where they were identified, contact potential rights holders.

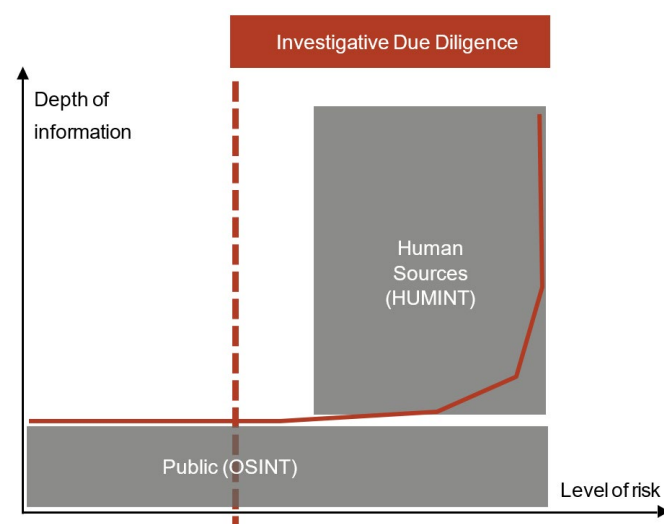
We carried out research on all the dormant accounts and identified points of contact for our client. We provided them with a detailed report on the research performed to justify the research costs and help them request the consignment of accounts for which no rights holders could be identified.

Intelligence gathering

In a world where political interests, business deals, and regulatory demands frequently intersect, organisations often encounter opaque networks and localised practices that can complicate decisions, threaten compliance, and disrupt strategic objectives.

Our corporate intelligence services address these challenges by systematically collecting, analysing, and verifying information from both open sources and discreet human sources.

Methodology & approach



This intelligence framework supports a wide range of use cases, from assessing new markets or partners to safeguarding against hostile takeovers.

It also empowers organisations to make informed decisions, protect their interests, and strengthen their strategic positioning.

Transaction intelligence

Whether you are entering a new market or assessing a potential partner, our transaction intelligence service offers a clear view of the networks, relationships, and informal linkages at play.

We evaluate the extent to which a sector or party may be exposed to corruption, investigate the backgrounds of key individuals, and advise on potential political risks, including those arising from changes in government or regulatory regimes.

If concerns come to light, such as hidden interests behind key officials or the credibility of a business partner, we undertake targeted enquiries to confirm or dispel red flags.

Our concise, research-backed briefings then equip you for negotiations, ensuring you understand the broader context and can act with confidence.

Market access intelligence

Navigating unfamiliar markets often requires more than just following official processes. Our team maps influential local relationships, uncovers hidden interests, and explores cultural factors that could shape real decision-making.

By identifying trusted partners and anticipating potential red flags and friction points, we provide the clarity and context needed to engage effectively with key stakeholders, streamline entry into new markets, and maintain a strong reputation.

Competitive intelligence

We provide a comprehensive mapping of your competitive landscape through systematic open-source research and targeted analytical methods.

By examining competitor strategies, market positioning, and operational practices, we uncover both opportunities for differentiation and potential threats.

This deeper understanding of the environment allows you to anticipate shifts, identify emerging trends, and allocate resources more effectively. Through monitoring of competitor activities, we help you remain agile, refine your strategic direction, and maintain a decisive edge in your industry.

Capital market intelligence

Protecting against shareholder activism, short-selling attacks, and shifting market sentiments requires reliable, up-to-date intelligence. We provide a proactive defence by identifying potential vulnerabilities, mapping out investor and stakeholder interests, and tracking public narratives that could influence share prices.

These insights allow you to anticipate challenges before they escalate and respond swiftly and effectively when critical issues arise. From reputational management to strategic crisis responses, we help you stay ahead of emerging threats in the capital markets.

Corporate contest & hostile M&A

When facing a corporate contest or hostile takeover scenario, detailed intelligence becomes indispensable. We investigate the leadership, operational structures, and financial health of a target, yielding insights beyond standard due diligence checks.

If you are bracing for or responding to a hostile acquisition bid, our intelligence reports inform your strategic defence, helping you anticipate your opponent's moves.

In addition, we assist in identifying and containing data breaches or leaks that could undermine negotiations or damage your standing with regulators, investors, or customers.



Forensic technology services

Forensic technology plays a crucial role in investigations involving electronic data and evidence. We assist clients in handling large quantities of data and navigating the business and legal processes that are set in motion by critical events.

We offer a range of services that include data collection, data preservation, evidence assessment, and document review, allowing our clients to respond effectively to legal or regulatory incidents and crises.

Digital forensics

Digital forensics focuses on collecting and analysing evidence from devices (computers, phones, servers). This is done in a forensically sound manner, preserving the integrity of the data so that it can be used in court proceedings as evidence.

This is crucial in investigations into employee misconduct, IT incidents, possible data exfiltration, suspicion of wrongdoing, or simply to preserve information that could otherwise be destroyed.

Data identification

We assist with identifying the important sources of data and their location to obtain a proportional yet relevant set.

Data collection

Data collection is conducted with a defensible process, preserving data integrity and traceability by maintaining a chain of custody and using forensic tools for collection.

Evidence analysis

We can reconstruct timelines of user activities on their devices and track malicious activity or intrusions after the fact. We can also recover deleted files in some cases.

Electronic discovery

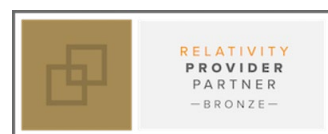
Electronic discovery is the process of making data available for review by subject matter experts.

Early case assessment

To reduce time and effort, we conduct early case assessment giving you quick insight into the data collected. This allows further narrowing down of the relevant dataset for review.

Review

We leverage solutions such as keyword searching, structured and conceptual analytics, and AI-assisted review via the market leading tool Relativity, while specialising in building tailor-made workflows.



Production of documents

We use Relativity to redact sensitive or Personally Identifiable Information (PII) for subsequent productions to be shared with other parties in litigation or data requests by authorities.

Assisting in large volume data requests

Handling large quantities of data is not a straightforward process for many reasons. Challenges arise in finding the right data sources, identifying the most efficient way to copy the data, and maintaining its integrity throughout the process.

- We perform quality checks to verify that the data is complete.
- We use specialised tools to ensure no data corruption occurs, and that the source of the data is easily identifiable in case of further challenges or questions by the authorities.
- We make the data available for further investigation and analysis or for review by subject matter experts. Our workflow ensures proper removal of duplicates and irrelevant system files and adds powerful searching capabilities.

Communication analysis

Whether in internal or regulatory investigations, communications between key individuals may play a vital role, particularly in antitrust matters or harassment cases. The utilisation of communication systems has evolved from mostly email to include Microsoft Teams, Slack, WhatsApp, and Telegram. Data collection from each of these requires expertise in navigation as their structure is constantly evolving. Our experts are equipped to handle this changing landscape and technology's ever-expanding use cases, such as SharePoint integration into Teams and its effect on collecting this data through Microsoft Purview.

Fact finding

Fact-finding can be very complex where the relevant information is not immediately evident. In technology-assisted reviews, we apply machine learning models and GenAI tools that can learn from the subject matter expert and guide reviewers towards sets of documents that are more likely to be relevant.

Using advanced technology ensures reduced redundancy and reviewer fatigue, while maintaining focus on the details of the investigation.

Case study: Electronic discovery support

Our client, a law firm, was representing a client being investigated by an authority. The authority requested more than 30 TB of data, representing over 10 million documents.

We were able to significantly reduce the number of documents to review using Relativity and helped the law firm review all the documents in time to prepare the defence of their client.

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Data analytics

The increasing sophistication of technology requires more effective and efficient analysis tools, coupled with traditional methods of monitoring and compliance. A typical fraud runs for an average of 12 months before detection, but modern data analytics with real-time detection can reduce that timeframe significantly when used by the right experts.

Data analytics in investigations

Several studies estimate that the volume of data worldwide doubles every 18-24 months. The number of transactions to analyse in financial fraud can quickly amount to millions of records, if not more. It is therefore essential to have the right tools and profiles to be able to analyse all these transactions and detect potentially fraudulent transactions.

The real strength of data analytics lies in its versatility. Whether it is detecting fraud in financial institutions, identifying cybersecurity breaches, or preventing insider threats, the tools are adaptable to your unique challenges.

You might have the best tools and technologies, but you also need the experts who have mastered the skills needed to use them appropriately and efficiently.

Forensic data analytics

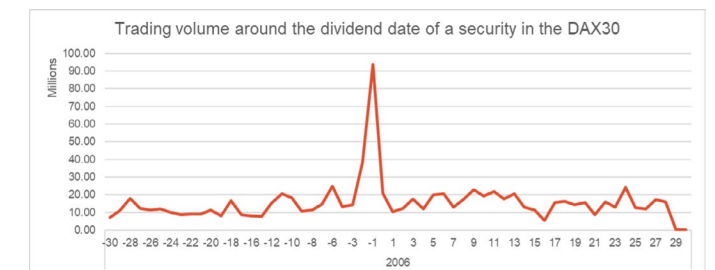
To further complicate the already huge task of analysing large volumes of structured data (e.g. a transaction between two customers of a bank, for a given amount, on a given date), there is also an even larger volume of unstructured data. By unstructured data we mean emails, conversations (Teams, Skype, Jabber, etc.), documents (Word, PowerPoint), audio recordings, and so on. This unstructured data adds more complexity to the problem, as structured information must be extracted from this unstructured data before analysis can be performed. Obtaining structured data from unstructured data is a challenge in and of itself.

With the power of electronic discovery, analytics tools such as sentiment analysis and timeline reconstruction can bring to light a series of events, even finding the needle in the haystack in an investigation.

We can detect irregular patterns that show possible misconduct by isolating exchanges written with "negative" sentiment such as anger, or by isolating communications made outside working hours or at weekends or sporadic communication between people who are not expected to communicate, showing possible collusion.

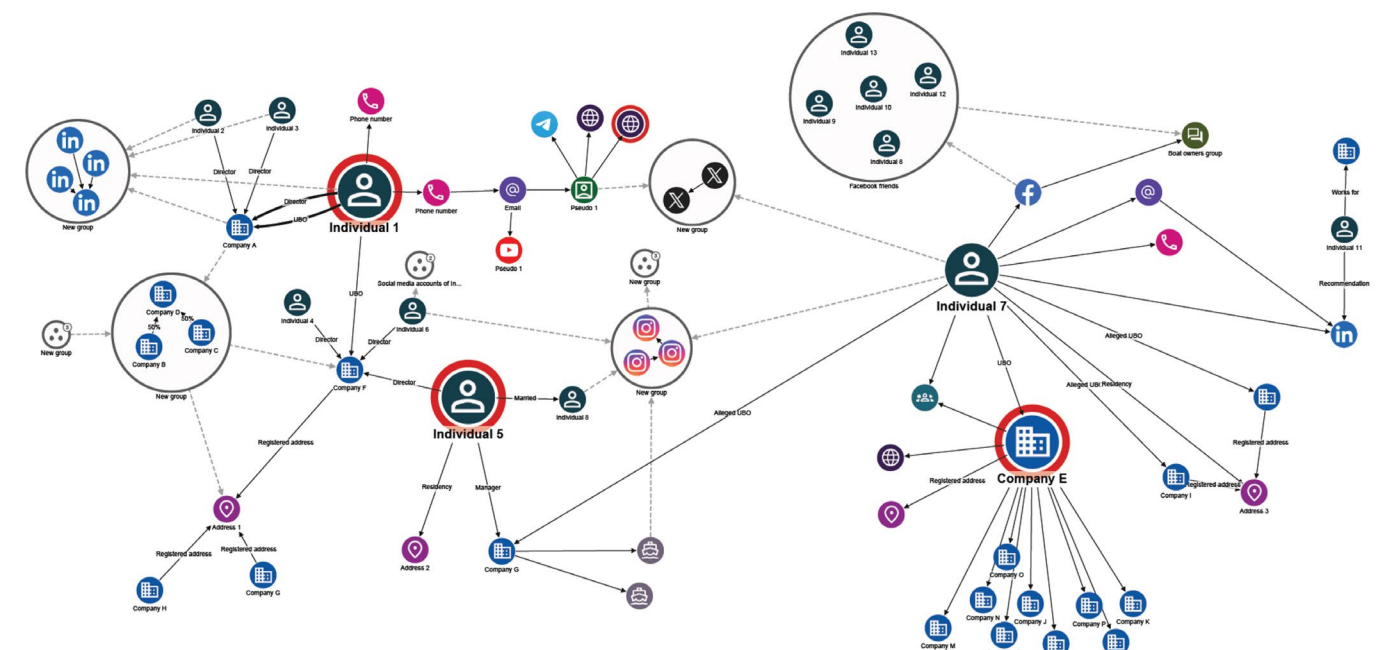
Data visualisation

When presenting technical evidence to a non-technical audience, it can be a daunting task to explain the details in a straightforward manner without losing the key point. Using our expertise and specialised tools, we can break down the findings into clear visuals that immediately show anomalies and reasoning to a non-technical audience. For example, the chart below clearly shows a significant increase in the trading volume around the dividend date.



Tools

The team at Arendt Regulatory & Consulting is proficient in using market leading tools, such as SQL, Python, PowerBI, and Videris (see example of a network chart below) which supplement their extensive knowledge and skills, to precisely provide the best suited visualisation, thus maintaining high quality.





About Arendt’s Forensic Investigations Corporate Intelligence & Litigation Support practice

The team comprises forensic investigators and analysts, encompassing a broad range of expertise and technologies to help clients respond efficiently to regulatory investigations by various authorities covering a wide variety of issues: money laundering, corruption, sanctions breach, antitrust, greenwashing, accounting fraud, market abuse, and other financial crime. In internal investigations (such as fraud, misconduct, harassment, or whistleblowing), we find the facts that matter and deliver actionable intelligence in an objective and independent manner.

Investigations can vary widely, they can change suddenly in scope and are often time-critical. They require decisive and immediate action and support from experts: data needs to be collected, preserved, and analysed, and key witnesses or suspects identified and interviewed, all while business continues as usual.

Forensic technology plays a crucial role in investigations involving electronic evidence. We assist clients in managing vast amounts of data and navigating the business and legal processes efficiently. Using state-of-the-art software and infrastructure (with Relativity, our e-Discovery and document review solution), we offer a range of services including data collection, evidence assessment and document review, which combine with our data analytics experts to enable our clients to respond effectively to legal or regulatory incidents and crises.

We ensure that investigations are compliant with local and global data protection and privacy regulations, working alongside our data protection legal specialists.

We help you to assess, prevent, detect and respond to pressure and risks:

- Internal, criminal, and regulatory investigations
- Disputes and litigation support
- Integrity due diligence and intelligence gathering
- Forensic technology (Relativity, data analytics and mobile forensic)

[Learn more about our Forensic Investigations, Corporate Intelligence & Litigation Support expertise](#)

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