

FACT360TM
KNOWLEDGE NOW



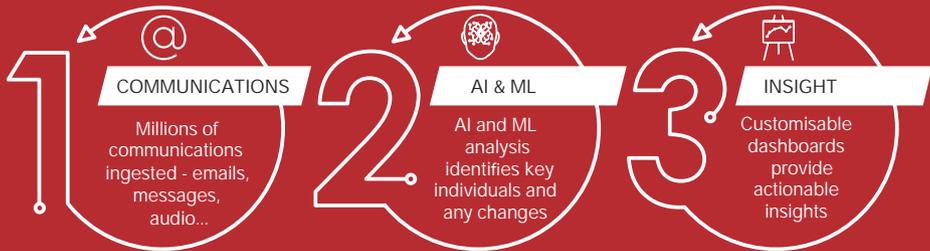
Knowledge now

Using the latest AI and unsupervised machine learning technology to analyse communication flows, FACT360 uncovers information that is critical to your organisation generating results that are impossible to achieve in other ways.

Underpinned by leading edge academic research, our practical solutions uncover the 'unknown unknowns' and identify exceptional activity without the need for user-defined rules or custom configuration.

Widely used in fraud and insider threat investigations, our solutions are also used to shape the strategic direction of businesses by providing a fact-based rationale on which to take strategic decisions.

Three-step process



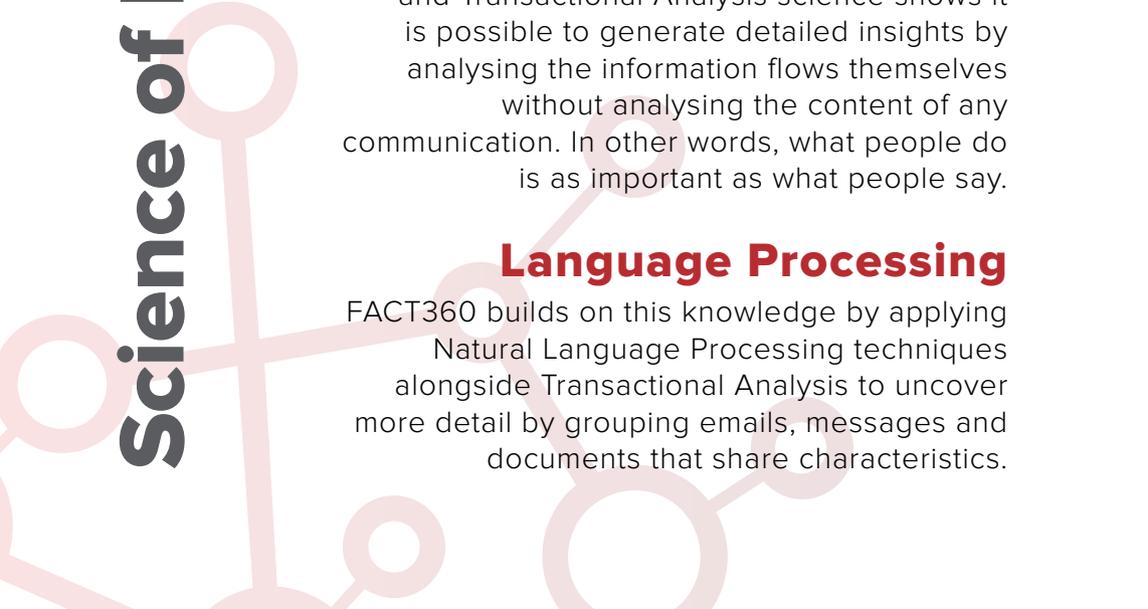
Millions of communications from multiple sources and formats ingested.

AI and unsupervised ML algorithms analyse the data and identify critical activity based on who is speaking to whom, what are they saying and when they are saying it.



Customisable dashboards make the information accessible allowing informed decisions to be taken - whether it is pursuing new lines of enquiry in a fraud investigation or identifying critical personnel in an organisation.

Science of FACT360



The information flows circulating throughout an organisation have been shown to be a virtual manifestation of the organisation itself. And analysing this communication network produces insights that are impossible to achieve in other ways.

Transactional Analysis

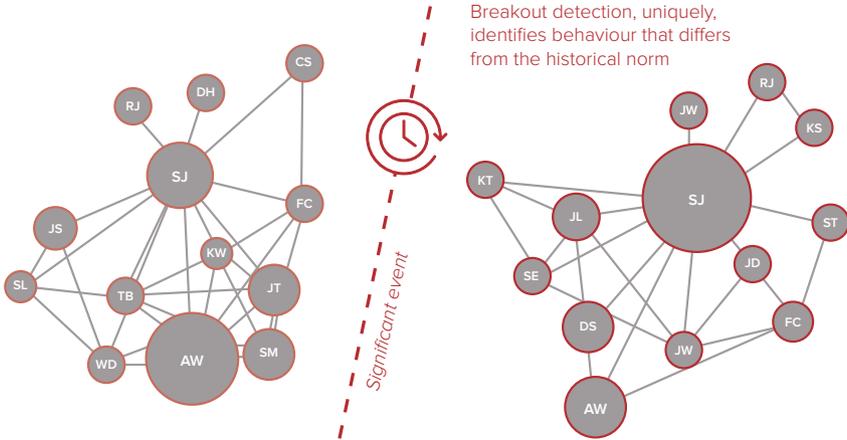
Every piece of communication is a 'transaction', and Transactional Analysis science shows it is possible to generate detailed insights by analysing the information flows themselves without analysing the content of any communication. In other words, what people do is as important as what people say.

Language Processing

FACT360 builds on this knowledge by applying Natural Language Processing techniques alongside Transactional Analysis to uncover more detail by grouping emails, messages and documents that share characteristics.

Identifying change

Applying our own Breakout Detection algorithms identifies any changes that occur and we can identify anomalies and behaviour that differs from the historical norm.

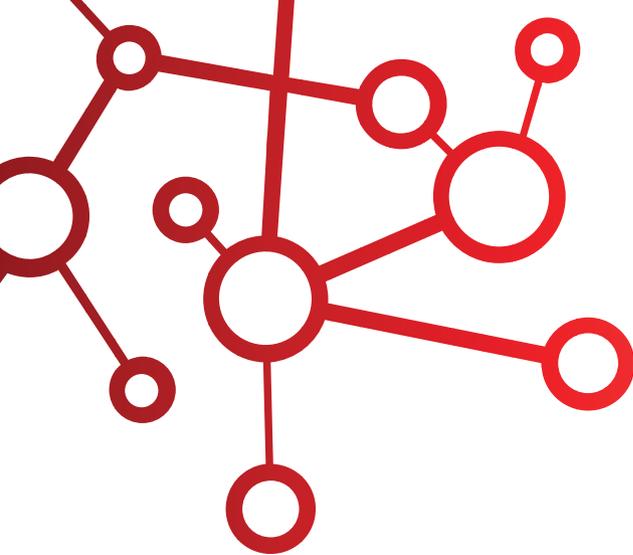


We identify:

Who are speaking to whom...

What they are saying...

When they are saying it...



FACT360 for...

Investigators

Widely used in fraud and insider threat incidents, FACT360 can act as an early warning system to identify risks as they arise but also be used to find key evidence during an investigation.

Utilising unsupervised machine learning means users do not need to actively search, or even know the potential topics of interest.

The technology identifies anomalies and exceptional activity and users are alerted to 'unknown-unknown' incidents as they arise.

Wellness

The well-being of individuals is inextricably linked to an organisations' overall success but traditional methods for assessing wellness, such as face-to-face interviews and online surveys, are slow and have a high potential for bias.

Analysing communication flows is more reliable and, without analysing the content of the communications themselves, FACT360 provides the empirical data required to monitor the key wellness factors affecting an organisation: **Participation, Efficiency, Work-Life Balance** and **Collaboration**.

Early Case Assessment

FACT360 transforms Early Case Assessment (ECA) using AI and unsupervised Machine Learning algorithms to automatically and quickly identify the core documents and individuals related to a case.

Isolating the key documents at an early stage can reduce eDiscovery costs by 90% and, by enabling accurate scoping of projects, informed decisions can be taken regarding overall strategy of whether to seek a settlement or proceed to trial.

Use cases

Insider threat Prevention and cure

Organisations expect to deal with threats from external criminals and groups but insider threat and fraud is more prevalent than those from third parties. Disgruntled employees, data leakage or the desire for financial gain are common motives and the damage can be catastrophic.

FACT360 protects from these threats analysing emails and messages highlighting any unusual activity that may require further investigation. Analyses can be applied in real-time to identify threats before they materialise. Or, if there has been an incident, it can be used to investigate historical data and identify key individuals, documents and events.

Workforce Well-being

Out of sight but not out of mind

With remote working becoming more prevalent it is essential to have a complete understanding of workforce behaviour in order to maintain and develop team members' occupational health.

FACT360 helps organisations monitor the fundamental wellness factors affecting its workforce whether they are in the office, working from home or on the road.

Organisational Network Analysis

Bringing rationality to strategic decisions

FACT360 analyses communication flows creating a live and up-to-date organisational model not affected by any conscious or unconscious bias.

Identifying key individuals based on activity, not reputation, gives organisations a tool that informs strategic decisions such as identifying individuals for key person insurance.

Our History

FACT360 was formed in 2017 by leading academics and experts in Artificial Intelligence, Unsupervised Machine Learning, Artificial Neural Networks and Swarm Intelligence.

The founders have published numerous academic papers and regularly speak at international conferences.

Inspired by the classic 'Traffic Analysis' work of Gordon Welchman during the second world war, the company began deploying the techniques on modern communication networks.

It has since further developed its solutions and now incorporates Natural Language Processing and its own Breakout Algorithms to group communication messages and identify activity and behaviour that differs from the historical norm.

Based in the UK, it continues to pioneer the use of AI, Transactional Analytics and Unsupervised Machine Learning in fraud and insider threat investigations and its technology is also used to inform broader strategic business decisions.

“FACT360’s solutions have fundamentally changed the way we operate as a business making us more efficient and generating better results for our clients. We now identify the key documents and individuals within hours when previously it could take weeks. It means we are onto the second stage of investigations much faster, so we spend our time where our clients want us to – looking at what’s important and uncovering the evidence.”

Oculus Financial Intelligence





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