Utilizing Artificial Intelligence to Expedite Breach Notification

ACTFORE
Intelligent Data Mining

MOXFIVE, in partnership with Actfore's forensic software suite, can help your organization quickly respond to the regulatory requirements triggered by the theft of stolen data. With a balance of Artificial Intelligence (AI) and human interaction, MOXFIVE is able to increase accuracy and reduce the time to respond over traditional data mining offerings on the market. We accomplish this through:

- Deploying our software into the client's environment within hours,
- Textually analyzing files to identify sensitive data elements at a speed of up to 250,000 files per hour, and;
- Building notification lists of every impacted individual identified in the environment.
- On-shore requirements: All data mining and manual review performed on-shore exclusively in the USA with dedicated on-shore data scientists.

With the reality of data proliferation and low cost storage, most organizations find themselves holding vast quantities of unknown risk, scattered throughout their data estate.

"Organizations tend to think they primarily hold sensitive data on current employees. This can be correct, but on nearly every engagement we find countless dependents, partners, and non-household beneficiaries... and with organizations commonly holding very aged data, it's not uncommon to uncover past employees that date prior to 2000.

Threat actors have the advantage of time once data has been exfiltrated to search for value. We at Actfore have strategically partnered with MOXFIVE to ensure our clients can beat the threat actors to understanding what data has been compromised and extracting sensitive information with speed. Our intent is to give power back to our clients, so they can manage the message to their stakeholders with confidence, hopefully before your data hits the dark web."

Christian Geyer, President, Actfore

Quickly responding and identifying sensitive data exposure allows an organization and its leaders more time to strategize and make well informed decisions, providing legal advisors the much-needed time to manage the message to your employees, customers, and business partners. With the move toward AI to accelerate time-consuming tasks, MOXFIVE has realized significant time savings when leveraging this revolutionary new process in data mining.

Actfore is a leading cyber-security software firm with specialized services in digital forensics, data mining, and ransomware mitigation. Actfore helps clients defend against and respond to cybersecurity threats through their robust software platforms, data forensic expertise, global response capabilities, and continuous innovation. The team's technical experience spans decades working on high-profile cases around the world utilizing advanced data mining methodologies to uncover an organizations dark data with unmatched speed and accuracy. With software capable of deployment behind the client's firewall, Actfore can rapidly deploy and analyze an organization's at-risk data, in-place, without further exposing its critical data to additional external environments.
The company has offices in Washington, D.C.; London, England; and Melbourne, Australia. For more information, visit Actfore.com.

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What traditionally has taken weeks to numerous months, Actfore has been able to significantly reduce the timelines, with engagements complete in days to weeks.

A Recent Use Case

A mid-sized organization in a heavily-regulated industry experienced a ransomware attack during which the threat actor exfiltrated data from servers and workstations. The client needed to determine what sensitive information, if any, was likely exposed to the threat actor.

MOXFIVE partnered with Actfore, a leading data forensics company to:

- Analyze the contents of over 1,000 endpoints, containing over 15TB and 24m files;

- Compile a list of over 500,000 individuals subject to notification out of a possible 5 million individuals inside the clients structured applications;

- Identify 5,600 files with PII, PHI, and other business sensitive information; and

- Discover over 20 password files with login credentials on employee desktops.

Accurately reducing the number of impacted individuals helps minimize liability, decrease possibility of reputational damage, and lessen the impact to shareholder value. Even more impressive, **the results were delivered within seven days of the client approving the engagement** – a significant time saving over other, manual review intensive approaches that were considered.

MOXFIVE's Incident Management platform coupled with Actfore's proven forensics software solutions facilitate speed and efficiency by bringing data insights to our clients, providing stakeholders such as executive leadership and outside counsel the information they need to make critical and time-sensitive decisions during an incident response.

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