

## Adverse Media Screening

The accuracy of Graphyte’s AI-powered risk assessments enables automated daily customer alerts at scale.

Financial institutions increasingly use adverse media information in the public domain to manage regulatory and reputational risk as part of their ongoing customer due diligence process (CDD). These reviews—performed periodically in ad-hoc or scheduled batches—can be tedious and time-consuming, which means that negative news may only come to light several months after it occurs. In contrast, a continuous monitoring approach providing alerts on a daily basis has the potential to be dramatically more efficient.

But not all solutions are the same, and some FIs have struggled with their attempts at continuous monitoring. Some “software” solutions from legacy providers are actually managed services staffed by massive global investigation teams tasked with processing an overwhelming volume of false positives, often conducted outside the jurisdiction of the firm.

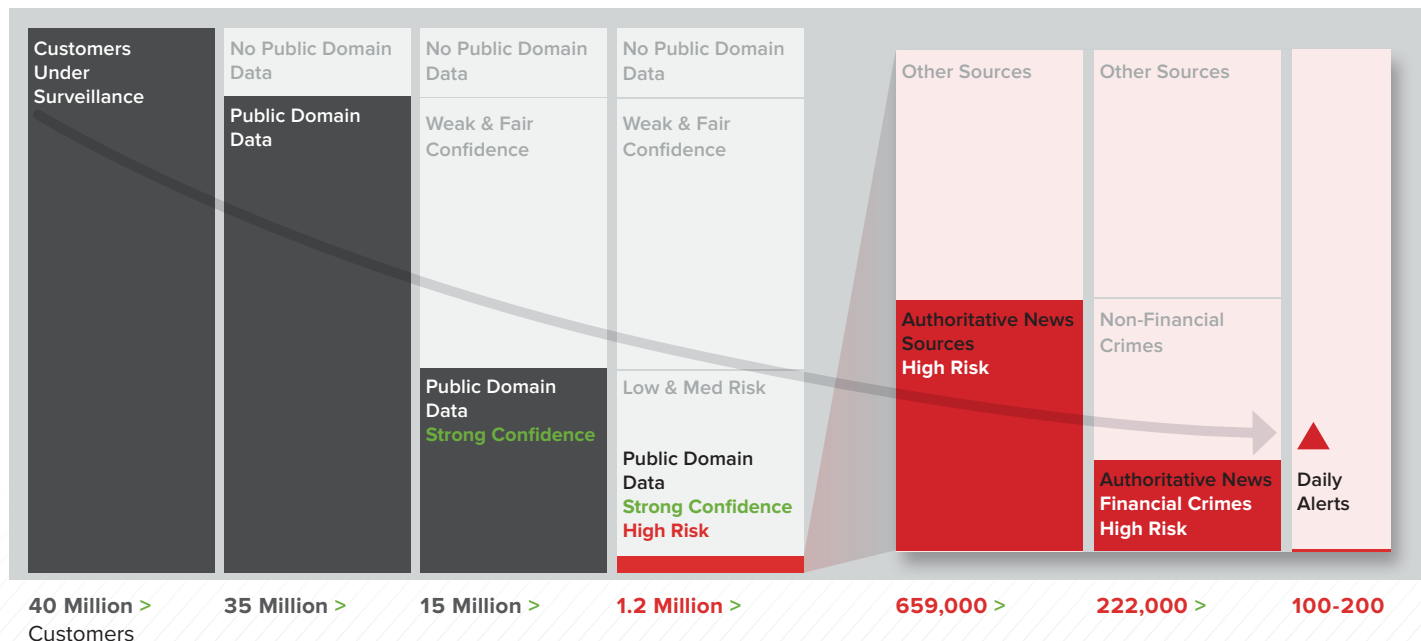
### Graphyte features

- AI-driven curation of massive public data sources
- Pushed alerts on new activity in adverse media and other sources
- Extraction of only the most accurate and relevant information
- Precise tuning of adverse media categories and criminal status
- Granular risk typologies such as Extortion, Child Exploitation, and Elder Abuse
- Avoidance of sharing sensitive customer data beyond the firm’s jurisdiction
- Integration with leading CDD case management systems

### About Graphyte

Graphyte™ is Quantifind’s adverse media screening and investigations platform. It’s being used today by Tier 1 banks, regional banks, and neobanks to perform daily monitoring of adverse media for tens of millions of customers, and to improve the productivity of their investigation teams by over 40%. It’s the same technology selected by the Department of Defense among dozens of alternatives to help uncover international criminal networks.

**AI enables continuous customer monitoring at scale, with daily screening of tens of millions of customers supported by just a few investigators.**



Graphyte uses a unique combination of external data sources, predictive risk typology models, and patented data management technologies to inform risk profiling and segmentation. The speed and accuracy achieved enable automation of ongoing continuous monitoring at scale. Results are summarized via Graphyte APIs and through the GraphyteSearch investigation application. Actionable information on individuals, organizations, and their relationships expands coverage to better manage reputational risk and fraud. Machine learning models and risk typologies optimize accuracy and relevancy ensuring that ongoing alerts are on target.

Here are a few of the ways that Quantifind's decade-plus of data science R&D and Fortune 50 deployments have changed the paradigm for adverse media screening:

### The Old Way

*Screening service combining software and analysts; prone to worker disruptions and requiring data sharing outside of jurisdictions.*

*Results with the wrong person or company identified 90% of the time.*

*Human-curated lists of bad actors that quickly become outdated, in the model of PEP and sanctions screening.*

*Manually created, narrowly defined, static risk definitions that miss emergent threats.*

*Google searches required to confirm hits and add context before decisioning; wasted time, inconsistent process, and non-secure methods.*

*Search machine-translated foreign-language sources for Anglicized names with English-only risk assessment.*

*Simple fuzzy matching algorithms and string distance metrics, unaware of cultural name variant conventions or name prevalence.*

### Graphyte™

**100% subscription-based SaaS solution with end-to-end encryption.**

**AI-driven, high confidence entity resolution with 90% accuracy.**

**Limitless risk assessments generated in real time using all available data, powered by full-text search against millions of articles.**

**Dynamic risk typologies that evolve with the threat space.**

**Programmatic search performed anonymously and integrated with open source searches; review of only relevant results in a single purpose-built application.**

**Search foreign-language sources and assess risk in the native languages, using non-Roman character sets including Chinese.**

**Name science quantifies expected name variants and name frequency within a specific country to assess the probability of a true match.**

Visit Quantifind's website at [www.quantifind.com](http://www.quantifind.com) or send us an email at [contact@quantifind.com](mailto:contact@quantifind.com) to learn more about how Graphyte's unique AI technology and software-only approach make customer monitoring efficient and scalable.



**QUANTIFIND**

### About Quantifind

Quantifind was founded in 2009 upon pioneering work building machine learning technology to discover meaningful patterns across large, disparate, unstructured datasets. Quantifind's Graphyte platform is differentiated by its risk assessment accuracy and speed, achieved through best-in-class name science, AI-driven entity resolution, dynamic risk typologies, and patented in-memory data storage and search techniques. The platform embodies over a decade of R&D and large-scale deployments with government agencies and Fortune 50 companies.