kapow
S O F T W A R E
A Kofax Company

Kapow Katalyst: The Best Kept Secret in OSINT

Collect any content, in any language, from any website, without attribution.

Harvest Any OSINT Data

OSINT data sources are as varied as the Internet itself. Mission-critical data can reside in blogs, in news feeds, in social media—and can even be hosted on short-lived sites on the dark web. As technology evolves one thing is certain: OSINT data sources will remain a moving target—in more ways than one.

Only Kapow Katalyst™ has the kind of deep understanding of Web page structure needed to handle any site—even those built with AJAX techniques—now and into the future. Without that capability, data cannot be completely or accurately harvested from websites—and that's not sufficient whenever national security is at stake.

Access the Deep Web

Harvesting Deep Web data is more complex than mere link-following, and Kapow Katalyst offers unique capabilities to enable this. With its ability to navigate complex menu structures and provide input to web-based search forms, Katalyst can "crawl" any web-based application.

By navigating arbitrary menu levels and issuing multiple queries, Katalyst automates the capture of content in any format from any source.

Other extraction technology, limited to following specific links that already exist, is incapable of harvesting Deep Web data. Only Kapow Katalyst can see content hidden in the Deep Web.

Combine Broad and Surgical Crawls

OSINT projects use different crawl techniques at different investigatory stages but other solutions cannot support this requirement. Only Katalyst scales up to access the volume of sites needed early in a project, and offers the depth and precision needed as a project proceeds.

Early, "broad" crawls often develop data sets that need refinement with a subsequent "surgical" crawl. By recognizing a known terrorist during a broad crawl, for example, an immediate surgical crawl can extract additional contextual data from internal and external sources to create metadata and facets based on context available only during the crawl—context that is lost downstream. A standard crawler cannot match these capabilities used routinely by Kapow customers.

Katalyst: Extreme Analyst Productivity

Our latest development turns each of your analysts into an OSINT sensor, able to collect content from any website from within any standard web browser—with one click. By capturing and integrating OSINT without assistance, analysts accelerate their work by a factor of 10 or more.

The resulting SnapShot, complete with all linked digital assets, can be retained for offline study and evidentiary use. Access it at leisure without running the risk that the site owner will be alerted, or pass it to indexers, entity extractors, and social network analyzers. Katalyst can integrate this enrichment and analysis pipeline and store data in conventional databases or big data/NoSQL alternatives such as Hadoop.

Only Kapow offers both—one-click creation of a static SnapShot plus real-time access to live websites.

Working With Kapow Software

Kapow Software may be the best-kept secret in OSINT, but we're easy to work with.

- We're GSA-listed and carry clearances.

- We focus solely on OSINT Data Collection—and we're good at it—so we work well with integrators and all the technology vendors in your OSINT environment.

- We're used daily throughout the IC to harvest data for Link Analysis and Visualization, Entity Extraction, Natural Language Processing, Search, Indexing.

For OSINT information, please call us at +1 703.489.1445 or email FederalSales@KapowSoftware.com

Capture Data Anonymously

Kapow Katalyst supports the widest range of options for non-attribution. Examine and alter JavaScript on any page before it is run. Automatically vary wait intervals, clicks per session, crawl schedule. Generate synthetic mouse movement. Modify cookies. Alter HTTP headers to report different operating systems and browsers. Alter proxy server in response to blocking attempts. Integrate with anonymization solutions. There's no need to draw attention to your mission by registering for API access—Katalyst doesn't need to use an API.

Use Any Language

Katalyst offers built-in support for multi-byte character encodings such as Chinese and bidirectional languages such as Arabic and Hebrew. Katalyst is in daily use by hundreds of organizations to harvest the contents of news sites, blogs, RSS feeds, and social media around the world, and in multiple languages.

Enforce All Security Requirements

Kapow Katalyst provides the widest range of security options—that's why it's in use on SIPRNET, JWICS, and other secure networks. Katalyst is stateless, so it can safely reside in your DMZ: there is no risk of compromising data because Katalyst retains no data. Contact us to discuss other deployable security measures.

Maintain Mission Readiness

Kapow Katalyst uses patented technology that is resilient to page format changes, helping maintain readiness for any data capture your mission requires

Add Kapow to Your OSINT Team

These are just a few of the capabilities that set Kapow Katalyst apart from other OSINT extraction technology. Contact us today to learn more about why we're so widely deployed in the IC. Now and in the future, you'll be pleased when you decide to make Kapow Katalyst part of your OSINT team.

About Kapow Software

Kapow Software, a Kofax company, harnesses the power of legacy data and big data, making it actionable and accessible across organizations. Hundreds of large global enterprises including Audi, Intel, Fiserv, Deutsche Telekom, and more than a dozen federal agencies rely on our agile big data integration platform to make smarter decisions, automate processes, and drive better outcomes faster. They leverage our platform to give business consumers a flexible 360-degree view of information across any internal and external source, providing organizations with a data-driven advantage. For more information, please visit: www.kapowsoftware.com.