Recorded Future®

DATA SHEET

Intelligence to Disrupt Adversaries

Overview

Using a combination of analytics and human expertise, Recorded Future produces accurate and actionable intelligence that disrupts adversaries at scale. By fusing the broadest variety of open source, dark web, and technical sources, with original research we deliver the most relevant intelligence in real time. The Recorded Future Intelligence Platform aggregates this rich intelligence with any other data sources you use. This empowers security teams to collaborate on analysis and deliver intelligence wherever they need it most — including rapid integration with your existing security tools and solutions.

> "Recorded Future empowers teams with accurate, actionable intelligence when there's something to report that presents real risk. And just as important, it's silent when there's nothing to report."
>
> Espen Johansen
> Director of Product Security, Visma

Precision Intelligence Solutions

Everything you need to reduce risk fast — without any of the noise. Recorded Future delivers intelligence via nine distinct modules. Each module is tailored to maximize efficiencies across your teams, processes, workflows, and existing security investments.

Brand Intelligence

Protect your brand from external threats:

- Domain abuse detection
- Data leakage monitoring
- Brand attack mitigation
- Monitoring for threats to your industry

SecOps Intelligence

Accelerate threat detection, investigation, and response:

- Alert triage
- Threat detection
- Threat prevention

Threat Intelligence

Access the world's largest commercial threat research platform:

- Advanced threat research and reporting
- Advanced detection and validation
- Dark web investigation

Identity Intelligence

Proactively defend against identity fraud:

- Account takeover prevention
- Employee identity monitoring
- Customer identity monitoring

Attack Surface Intelligence

Discover and defend your entire attack surface:

- Asset Discovery and Management
- Attack Surface Monitoring and Risk Reduction

Vulnerability Intelligence

Prioritize the vulnerabilities that matter at scale:

- Vulnerability prioritization
- Monitoring for vulnerabilities in your tech stack

Third-Party Intelligence

Gain continuous visibility on your third parties:

- Continuous third-party risk management
- Procurement assessment

Geopolitical Intelligence

Monitor and protect against global physical threats:

- Location-based monitoring

Card Fraud Intelligence

Identify and mitigate risks from card fraud:

- Payment fraud abuse prevention
- Compromised merchant monitoring
- Underground cybercriminal reporting

Feature Comparison

Recorded Future is a modular intelligence solution designed for customization to meet each client's unique needs. Our modules enable you to interact with the world's most advanced intelligence platform in the exact ways that are right for your organization — without any of the noise.

	Brand Intelligence	SecOps Intelligence	Threat Intelligence
Intelligence on IPs, Domains, and URLs	Yes	Yes	Yes
Intelligence on Hashes and Malware	Preview Only	Yes	Yes
Intelligence on Threat Actors	Preview Only	Preview Only	Yes
Intelligence on Vulnerabilities, Companies, and Cities	Preview Only	Preview Only	Preview Only
Insikt Group Research for Brand Use Cases	Yes	Yes	Yes
Insikt Group Research for SecOps Use Cases		Yes	Yes
Insikt Group Research for Threat Use Cases			Yes
Threat View dashboards on Infrastructure and Brand Risk	Yes		
Threat View dashboards on Global Trends, Ransomware, and Cyber Espionage	Yes	Yes	Yes
Threat View dashboards on Trends, Industry Risk, Target Trends, Banking and Payments, Merchants and POS, and ICS/SCADA	Yes		Yes
Intelligence Goals Library Alerting for Brand Use Cases	Yes		
Intelligence Goals Library Alerting for Threat Use Cases			Yes
Analyst Notes (Read and Write)	Yes	Read Only	Yes
Pivot to Analysis Views	Yes		Yes
Advanced Query Builder			Yes
Hunting Packages		Yes	Yes
Sandbox		Yes	Yes
Risk Lists for Integrations		Yes	Yes

	Vulnerability Intelligence	Third-Party Intelligence	Geopolitical Intelligence	Identity Intelligence
Intelligence on Vulnerabilities	Yes	Preview Only	Preview Only	
Intelligence on Companies	Preview Only	Yes	Preview Only	
Intelligence on Cities	Preview Only	Preview Only	Yes	
Intelligence on IPs, Domains, URLs, Hashes, Malware, and Threat Actors	Preview Only	Preview Only	Preview Only	
Intelligence on Personnel Identities				Yes
Intelligence on Third-Party Identities				Yes
API for automated risk checks and triage				Yes
Insikt Group Research for Vulnerability Use Cases	Yes			
Insikt Group Research for Third-Party Use Cases		Yes		
Insikt Group Research for Geopolitical Use Cases			Yes	
Threat View dashboards on Vulnerability Risk	Yes			
Threat View dashboards on Third-Party Risk		Yes		
Threat View dashboards on Locations			Yes	
Intelligence Goals Library Alerting for Vulnerability Use Cases	Yes			
Intelligence Goals Library Alerting for Third-Party Use Cases		Yes		
Intelligence Goals Library Alerting for Geopolitical Use Cases			Yes	
Analyst Notes (Read and Write)	Read Only	Yes	Yes	
Pivot to Analysis Views	Yes	Yes	Yes	
Advanced Query Builder			Yes	

ABOUT RECORDED FUTURE

Recorded Future is the world's largest provider of intelligence for enterprise security. By combining persistent and pervasive automated data collection and analytics with human analysis, Recorded Future delivers intelligence that is timely, accurate, and actionable. In a world of ever-increasing chaos and uncertainty, Recorded Future empowers organizations with the visibility they need to identify and detect threats faster; take proactive action to disrupt adversaries; and protect their people, systems, and assets, so business can be conducted with confidence. Recorded Future is trusted by more than 1,000 businesses and government organizations around the world.

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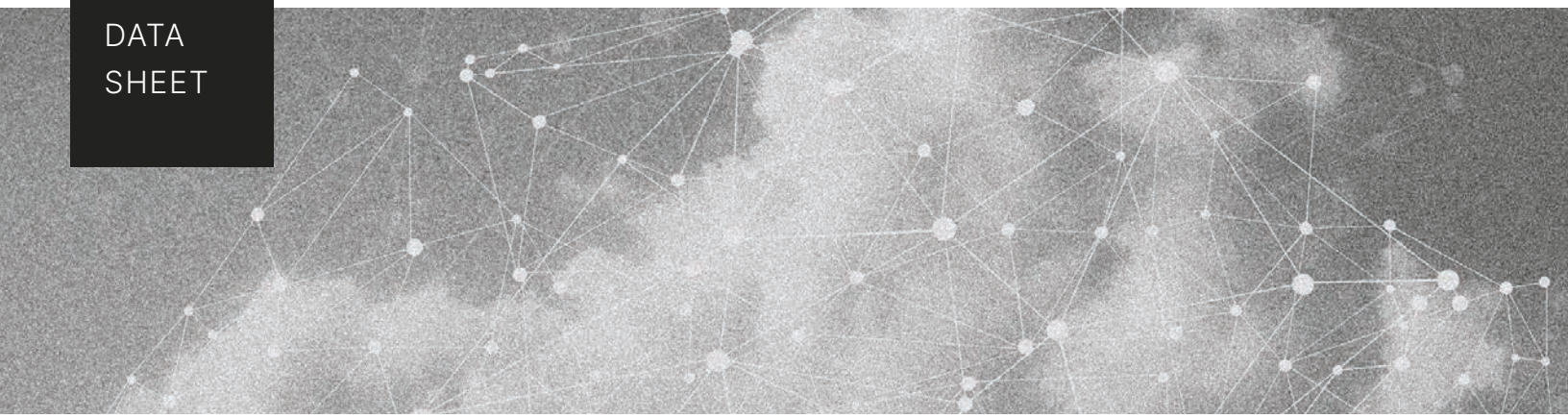


Threat Intelligence Module

Disrupt Adversaries in Real Time with Elite Threat Intelligence

Challenge

Time is the biggest challenge plaguing threat intelligence analysts. Whether you are investigating threats in your technology stack or hunting for emerging attack methods on the dark web, you are likely spending too much time manually collecting, assembling, and analyzing disconnected data points into actionable intelligence. To effectively mitigate risk, you need to move at least as fast — but ideally faster — than threat actors and their tactics. Time-consuming, manual threat research leads to significant gaps in your analysis and missed threats, which put your organization at risk and, in some cases, unaware of critical and emerging threats.

Solution

Defending against new and emerging cyber threats requires timely, relevant insights updated in real time. Recorded Future delivers a comprehensive view of your threat landscape through a combination of high-speed, automated analytics, expert insights from Recorded Future's research group, and advanced querying capabilities. The Recorded Future Security Intelligence Platform fuses together billions of entities and delivers original research to dynamically categorize, link, and analyze intelligence with unprecedented speed, arming you with easy-to-consume insights that are easily integrated directly into your existing security tools and workflows.

The world's most advanced security intelligence platform empowers you to make fast, confident decisions. Features like advanced querying capabilities, real-time alerting, and data visualization capabilities provide the context you need for advanced threat research and threat hunting. Quickly detect critical and emerging threats to disrupt adversaries with Recorded Future's elite intelligence.

Get a clear, comprehensive view into trending threat actors, exploits, and targets in the global cyber espionage threat view.

BENEFITS

- Save significant analyst time
- Detect more threats and respond faster
- Get unmatched visibility into closed web sources
- Maximize investment in existing security tools

KEY FEATURES

- Broadest source coverage available
- Advanced querying, alerting, and data visualizations
- Dynamic risk scores and evidence
- Threat hunting packages
- Out-of-the-box integrations with leading threat intelligence platforms

Results*

Find threats faster and reduce risk exponentially with the Recorded Future Threat Intelligence Module. Access the world's most advanced security intelligence in real time to detect threats and disrupt adversaries.

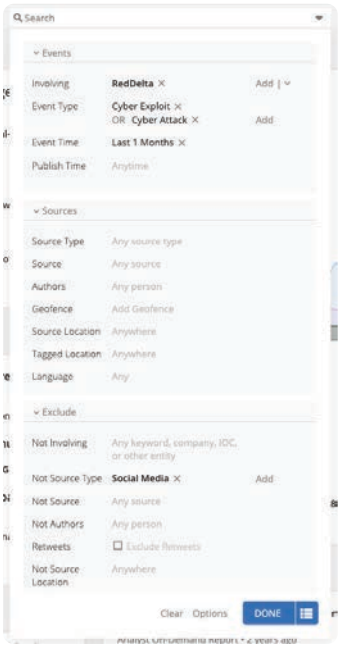
Find Threats 10 Times Faster and Respond 63% Sooner
Recorded Future's Threat Intelligence module eliminates laborious, manual collection and provides greater context than disparate threat feeds alone. Dynamic risk scores and access to key evidence empower threat intelligence teams to detect, assess, and respond to threats quickly and confidently.

Increase Security Team Efficiency by 32%
The Threat Intelligence Module offers turnkey integrations with leading security tools, including TIPs, SIEMs, deep analysis tools, and more. Threat intelligence teams can instantly enrich internal data with Recorded Future's elite intelligence and share their assessments through integrated analyst notes to speed up their investigations.

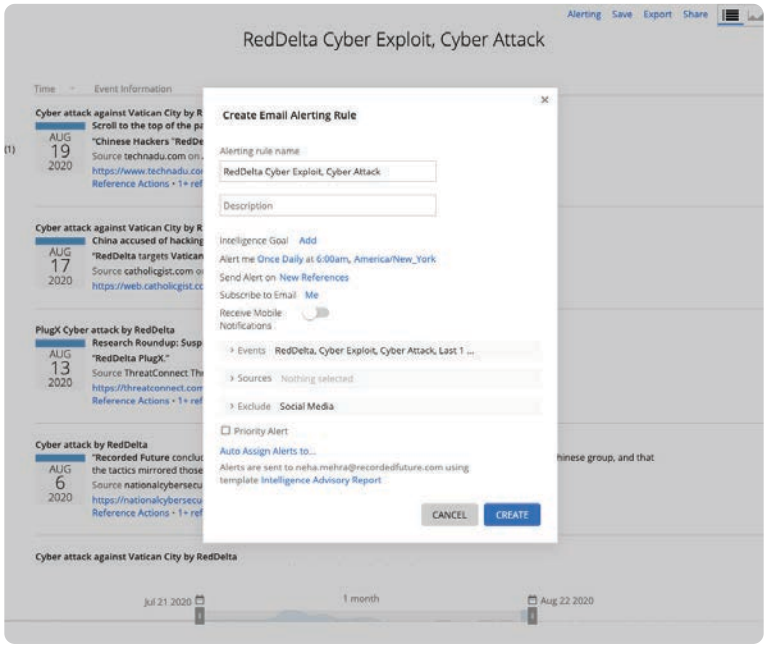
**Learn more about the business value Recorded Future brings to clients in our IDC Report*

Feature Spotlight: Advanced Query Builder for Advanced Threat Research and Reporting

Conduct tailored searches and define your own alerting rules with Recorded Future's Advanced Query Builder. Leverage Recorded Future's entire cyber repository and customer-sourced data, including allow lists, deny lists, and ISAC data. Filter your queries by keywords, event types, source, time frame, etc to fuel advanced threat research and reporting.



Build custom, advanced searches with Recorded Future's Advanced Query Builder. Define your searches by keywords, event types source, time frame, and more.



Create and configure custom alerts based on your queries.

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SecOps Intelligence Module

Accelerate Investigation and Response to Work Smarter — Not Harder

Challenge

As the attack surface grows, security operations and incident response teams are seeing more and more security alerts each day. With too little time and not enough information, it's difficult to determine where to focus first for maximum risk reduction. Analysts spend many valuable cycles looking for information on the open and dark web, only to find incomplete pieces of what they need — ultimately resulting in missed threats and slower responses.

Solution

The Recorded Future SecOps Intelligence Module enables security operations and incident response analysts to identify previously unknown threats and respond confidently — without any manual research. Recorded Future automates the collection, analysis, and production of intelligence from an unrivaled range of open source, dark web, and technical sources, and then combines it with world-class research to drive accelerated responses. This approach produces elite security intelligence at massive scale, integrating it directly into your SIEM, SOAR, IR, and TIP tools for alert triage and threat detection use cases.

The SecOps Intelligence Module provides ready-to-use data sets of high-risk indicators that empower analysts to identify high-risk threats before they impact the business. It also adds unmatched context to internal network observables from firewalls, proxies, antivirus, and other security logs.

Armed with real-time risk scores and key evidence for indicators, security operations and incident response analysts are able to quickly discount false positives, determine which alerts should be prioritized first, and easily dive into more information when further investigation is required. By eliminating the need to manually aggregate, correlate, and triage information, Recorded Future's SecOps Intelligence Module empowers analysts to dramatically reduce the amount of time it takes to detect, investigate, and respond to real threats.

BENEFITS

- 50% more alerts reviewed
- Fewer false positives
- Detect previously undetected threats
- Maximize investment in existing security tools

KEY FEATURES

- Broadest source coverage available
- Real-time risk scores and context
- Out-of-the-box SIEM, SOAR, IR, and TIP integrations
- Portal home screen with trending threat topics and expert research

Results*

Accelerate Alert Triage by 32%
Recorded Future's SecOps Intelligence Module eliminates laborious manual collection and provides greater context than threat feeds alone with dynamic risk scores and transparent access to key evidence, empowering teams to make fast, confident decisions.

Identify 22% More Threats Before Impact
The SecOps Intelligence Module integrates and correlates risk lists with critical context for IPs, domains, hashes, and malware with internal SIEM data to drive confident threat detection and rapid responses — ultimately reducing risk.

**Learn more about the business value Recorded Future brings to clients in our IDC Report*

Features

- Comprehensive intelligence on more than 1 billion indicators with transparent, real-time risk scores
- Flexible options for accessing intelligence, including an online portal, mobile application, browser extension, and integrations with security solutions
- Home screen dashboard with access to relevant, trending threat topics and recent research
- Out-of-the-box integrations with leading SIEM, SOAR, IR, TIPs, and more
- Access to expert intelligence research available directly in the product and via regular customer-exclusive communications
- Access to a team of world-class security intelligence experts for onboarding, training, and ongoing support

Example Intelligence Card showing comprehensive intelligence on an IP address including risk score, expert analysis, transparency to original sources of intelligence, and more.

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Brand Intelligence Module

Proactively Protect Your Brand With Dynamic Brand Intelligence

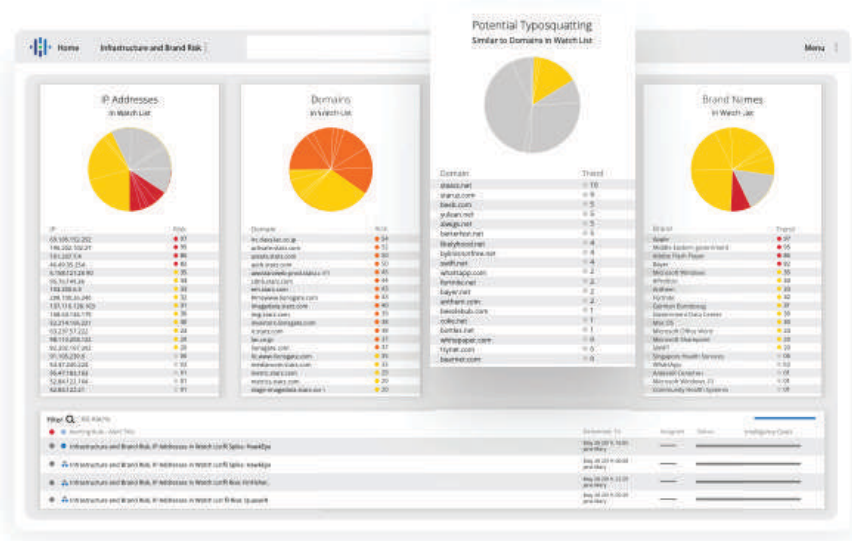
Challenge

Phishing campaigns, intellectual property leaks, and fraudulent sites aimed at stealing credentials all pose risks to your brand. To mitigate these threats to your company, executives, products, and domains, you need to monitor and find malicious entities in real time — and then act quickly to take them down.

Solution

Recorded Future's elite brand intelligence and takedown services use a unique collection approach that aggregates data from an unrivaled breadth of open, dark, and technical sources, including domain registration data, social media profiles, and web pages with malicious content.

Real-time alerting enables you to immediately find leaked credentials, typosquat domains, bank identification numbers, code leaks, talk of your brand on dark web markets, and more. Immediately initiate takedowns directly within Recorded Future after identifying fraudulent domains or stolen assets that could pose a risk to your brand.



The Infrastructure and Brand Risk Threat View includes a "Potential Typosquatting" panel that will automatically populate based on the domains you want to monitor.

BENEFITS:

- Find threats 10 times faster
- Stay ahead of emerging threats
- Get unmatched visibility into dark and closed web sources
- Identify and take down attacks targeting your organization, employees, customers, and executives

KEY FEATURES:

Defend your brand by monitoring for and taking down:

- Stolen credentials and assets
- Compromised digital assets
- Malicious brand mentions
- Instances of domain abuse like typosquat website
- Brand and executive impersonation such as fake mobile apps and social media profiles

Results*

Find threats faster and reduce risk exponentially with Recorded Future's combination of patented machine learning and expert analysis. Access the world's most advanced security intelligence in real time to disrupt adversaries and defend your organization.

Find Threats 10 Times Faster

Recorded Future's Brand Intelligence Module eliminates alert overload. The module is preloaded with over twenty out-of-the-box alerting queries and prescriptive workflows to proactively surface the most relevant mentions of your brand in real time.

Respond 63% Sooner

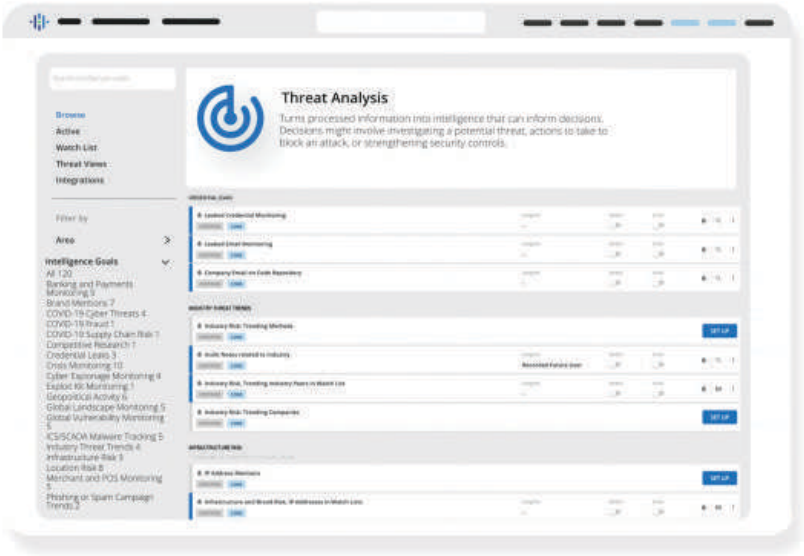
Reduce risk in record time with built-in take down services. Security analysts can identify, report, and initiate take down requests within the Brand Intelligence Module — including instances of domain abuse, malicious mentions of their brand, and more.

**Learn more about the business value Recorded Future brings to clients in our IDC Report*

Feature Spotlight: Brand Intelligence for Real-Time Alerting

Search Recorded Future's Intelligence Goals Library for pre-set alerts that are relevant to your organization — and activate them with a single click. Alerting use cases specific to brand protection include:

- Monitoring for cyber events affecting or targetting your brand
- Finding fake social media profiles for your executives
- Finding phishing lures impersonating your brand
- Finding leaked data and/or credentials
- Identifying registered and weaponized typosquat domains
- Alerting on stolen bank identification numbers



From the Intelligence Goals Library, users can easily activate alerts to monitor their brand, company, products, executives, and domains.

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Identity Intelligence Module

Intelligence-Driven Identity Fraud Prevention

Challenge

Strong identity authentication is more important than ever before as organizations face an expanding threat landscape and unprecedented level of attacks. Dynamic ecosystems of employees, customers, and partners are facing the sharp increase in account takeovers by adversaries, looking to steal credentials so they can access and initiate fraudulent activities. This is further compounded by the rapid growth in remote work and digital interactions across multiple channels, which provides new challenges for security and IT teams responsible for securing the identities of employees and third parties.

Solution

The Recorded Future Identity Intelligence module enables security and IT teams to detect identity compromises, for both employees and customers, and respond confidently — without any manual research. Recorded Future automates the collection, analysis, and production of intelligence from a vast range of open source, dark web, and technical sources, and then combines it with world-class research to help drive an accelerated response by your security team. This approach produces real-time intelligence at massive scale, offering an unmatched source of truth for identity authenticity.

The Identity Intelligence module enables users to monitor for identity compromises in real time, and access critical details, such as password length, complexity, and whether the leak was novel or recycled. Armed with this real-time evidence, security and IT teams are able to quickly prioritize identity threats and initiate downstream response workflows, integrated directly into their existing security and identity tools. By eliminating the need to manually aggregate, correlate, and triage information, Recorded Future's Identity Intelligence module empowers analysts to dramatically reduce the amount of time it takes to detect, investigate, and respond to identity fraud and real risks to their business.

BENEFITS

- Detect credential leaks in real-time
- Respond to compromises before business impact
- Gain unmatched visibility into closed and dark web sources
- Disrupts adversaries, while minimizing disruption for your business

Features

- Real-time collection and analysis of identity information, for timely and relevant detections
- Transparent evidence of threats for confident and effective challenges to update or reset compromised IDs
- Automated lookups and remediation of identities via an Identity Intelligence API
- Broad source coverage across open, dark web, and technical sources for a comprehensive understanding of threats
- Access to a team of world-class security intelligence experts for onboarding, training, and ongoing support

In Action

1. An employee logs in remotely to a system on the corporate network.
2. The Identity Intelligence module performs a validation check against known breaches for this identity.
3. The Identity Intelligence module confirms if the credentials were leaked previously and provides critical context about the exposure.
4. The Identity Intelligence module, integrated with existing security solutions, automates a password reset and initiates a threat mitigation playbook, protecting the organization from potentially fraudulent activities.

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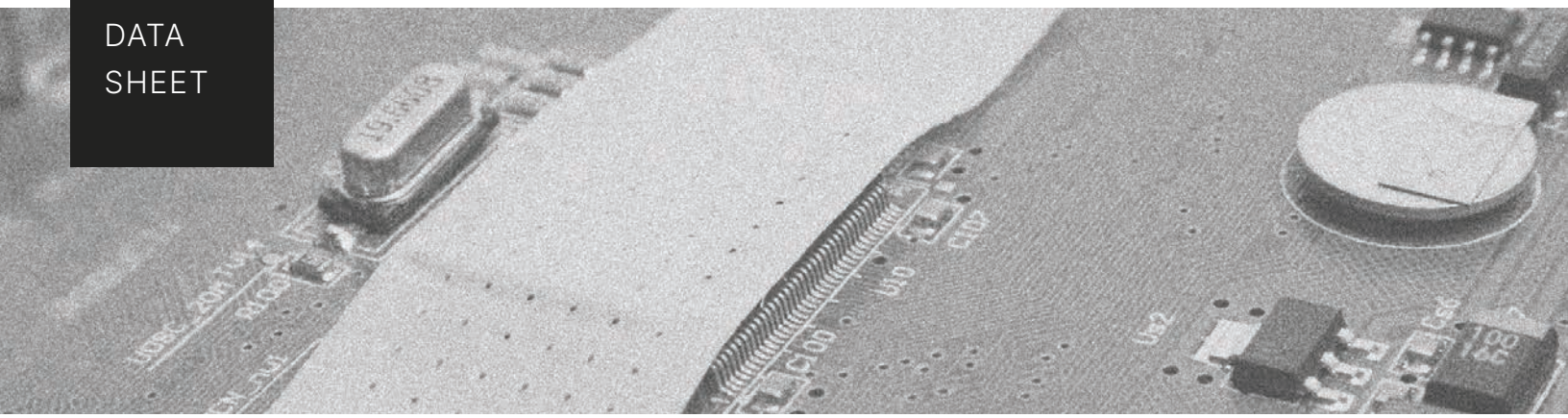


Vulnerability Intelligence Module

Prioritize Patching With Intelligence

Thousands of new high and critical vulnerabilities are disclosed each year. This volume makes it impossible for companies to patch everything. Security operations teams are increasingly overwhelmed by the number of vulnerabilities prioritized through traditional asset criticality and severity inputs. However, just 5.5% of vulnerabilities are ever actually exploited in the wild. To quickly reduce the most possible risk, security teams need external context that empowers them to prioritize based on the likelihood of vulnerability exploitation — not just the severity.

Contextualized Intelligence

Recorded Future uses real-time data to score vulnerabilities based on exploitability — delivering the context you need to prioritize patches that matter most and prevent attacks. Patented machine learning from Recorded Future automatically detects reporting of new observables — including vulnerabilities, exploits, proof of concept code, exposed company assets, and threat actors targeting organizations and industries.

The Recorded Future platform automatically collects, structures, and analyzes billions of indexed facts from an unrivaled breadth of open, dark, and technical sources. This enables security teams to receive alerts on newly disclosed vulnerabilities days before they're published in the NVD and automatically access comprehensive intelligence to make fast, confident prioritization decisions.

BENEFITS

- Reduce risk by prioritizing patching based on threat severity
- Minimize expensive off-cycle patches with real-time context
- Justify patching with transparent evidence
- Improve team efficiency and simplify workflows
- Maximize your investment in existing security tools

KEY FEATURES

- Relevant, threat-based risk scores for fast prioritization of vulnerabilities
- Real-time alerting on vulnerabilities days before they're published in the NVD
- Detailed risk evidence and context for transparent and fast analysis
- Integrations with your existing security tools and browser extension to for single-pane-of glass visibility of elite vulnerability intelligence

Results*

Prioritize the Vulnerabilities That Matter

Intelligence collected from the widest breadth of sources enables teams to prioritize patching based on actual risk to the organization. Stop wasting resources patching irrelevant vulnerabilities and focus remediation efforts on the ones that represent real risk.

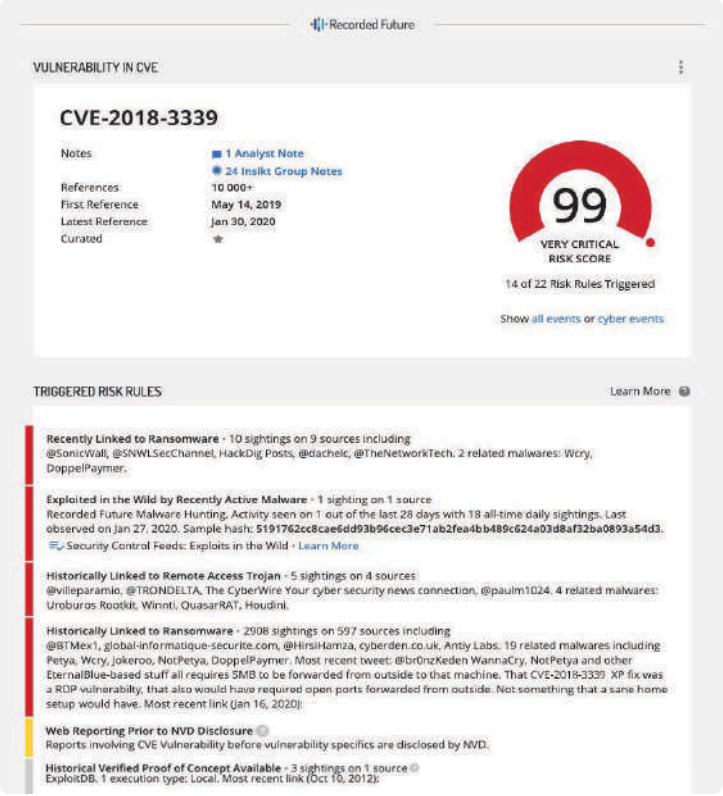
Reduce Unplanned Downtime by 86%

For many organizations, a critical CVSS score means immediate patching, even at the cost of infrastructure downtime. Recorded Future minimizes expensive off-cycle patches by prioritizing only vulnerabilities that are likely to be exploited.

Access Information on Vulnerabilities 11 Days Faster than the NVD

When vendors disclose vulnerabilities that affect your infrastructure, take action immediately instead of waiting for the NVD to publish information. Recorded Future assigns risk scores to vulnerabilities even when they don't have a CVSS score, enabling you to stay on top of newly-disclosed vulnerabilities.

**Learn more about the business value Recorded Future brings to clients in our IDC Report, Organizations React to Security Threats More Efficiently and Cost Effectively with Recorded Future*



Example vulnerability Intelligence Card showing comprehensive intelligence including risk score, risk rules, transparency to original sources of intelligence, and more

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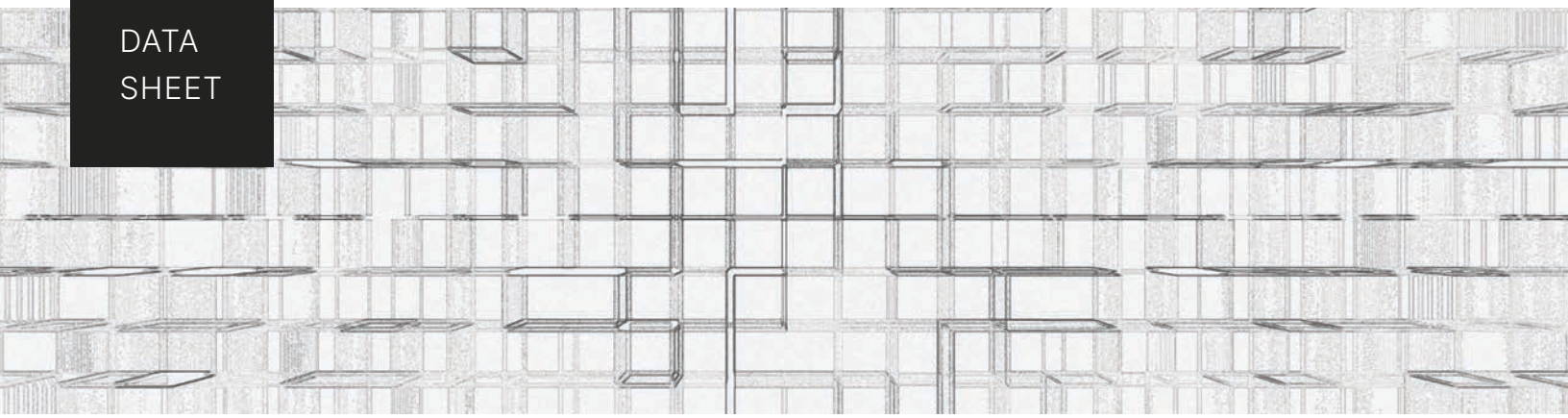


Attack Surface Intelligence Module

Intelligence-Driven Attack Surface Reduction

Challenge

Proactive attack surface management is more important than ever before as organizations face an expanding threat landscape and unprecedented level of attacks. With digital assets scattered all over the Internet, often spun up without proper security oversight and hygiene, and left forgotten and unsecured, organizations must ensure that they have a full understanding of their external attack surface. You can't defend what you can't see.

Solution

With a unified view of its external infrastructure, organizations can better navigate across disparate technology systems and quickly map and resolve vulnerabilities while keeping pace with its dynamic attack surface.

Attack Surface Intelligence from Recorded Future shines a light on an organization's risks tied to their connected environments, and provides security and compliance teams with a comprehensive toolset to understand and mitigate risk across their associated attack surface. It provides an outside-in view of your organization, enabling organizations to see the blind spots that are visible to adversaries and move the advantage back to your own teams.

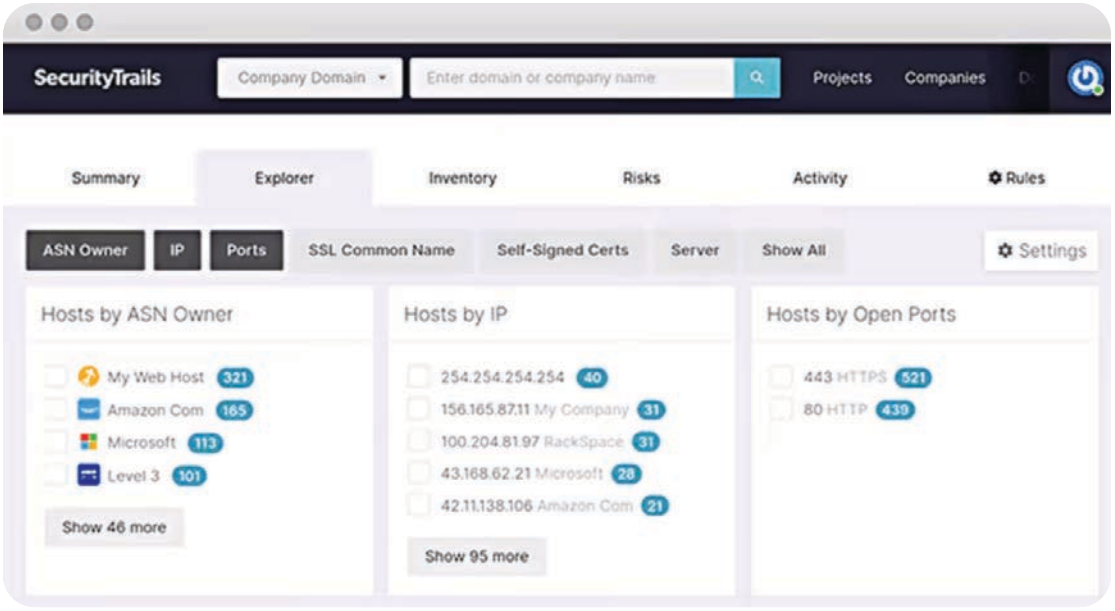
Attack Surface Intelligence provides defenders with a complete understanding of their attack surface via a real-time snapshot, as well as a historical view, of all on-premise and cloud based assets on the internet at any given time. With 10+ years of data and deep context on hostnames, domains, IP blocks, SSL certificates, WHOIS data, DNS data, and more, organizations can more easily manage their attack surface with a single pane of glass, accelerate incident response investigations, supercharge vulnerability scanning, and confidently reduce risk.

BENEFITS

- Discover previously unknown shadow IT and out of policy assets
- Accelerate vulnerability scanning and incident response
- Confidently prioritize assets that may be vulnerable to threats or exploits
- Disrupts adversaries, while minimizing disruption for your business

Features

- Continuous scanning of the internet for attack surface blind spots across domain-related environments and distributed ecosystems
- Broad sourcing and 10+ years of intelligence, including the world's largest archive of past and present DNS history
- Activity Feed for persistent, real-time monitoring of the attack surface landscape
- Transparent context on known threats and vulnerabilities for faster prioritization and response
- Access to a team of world-class attack surface experts for onboarding, training, and ongoing support



Forget static lists and human audits. Attack Surface Intelligence provides complete oversight of external assets and supports risk reduction across the business.

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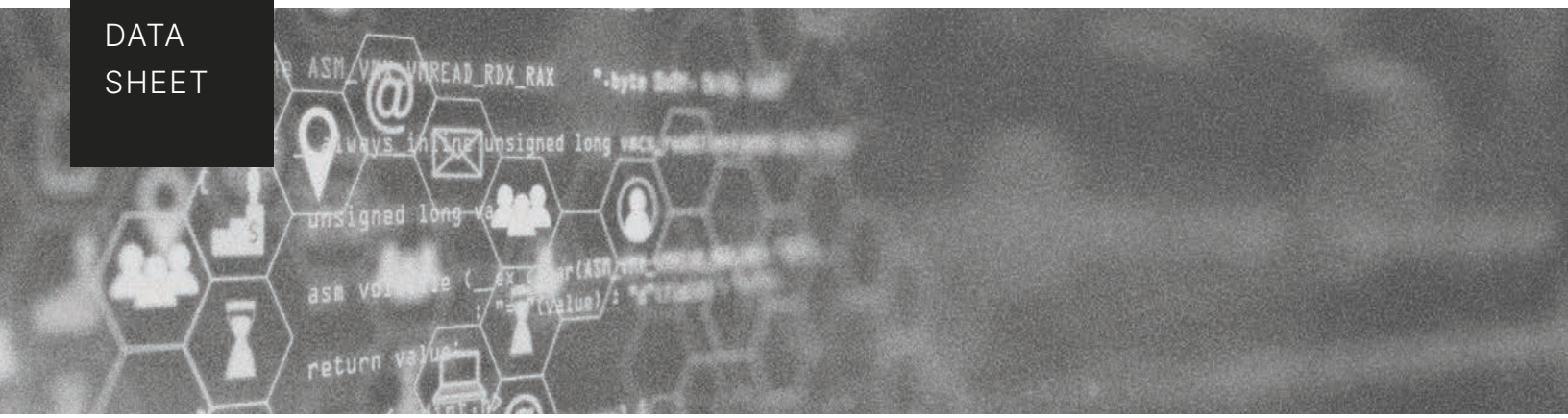


Third-Party Intelligence Module

Gain Comprehensive Visibility Into the Risks Your Third-Parties Pose

Challenge

As organizations evolve and embrace new technologies and processes to become more efficient, innovative, and competitive, their third-party ecosystems continue to grow.

Vendors, suppliers, partners, contractors, and resellers all add value to the business — but they also introduce risk. All third-party companies face their own cyber risk, and these risks are also assumed by the companies they work with. When these risks are not acknowledged and mitigated, your own business may be subject to unintended damage as a result. In fact, nearly 60% of companies have suffered data breaches stemming from a third party relationship.

Solution

Recorded Future's Third-Party Intelligence module provides a real-time view of the cyber risks their third parties face. Comprehensive security intelligence empowers teams to understand, analyze, and take action against potential risks by monitoring for key indicators including ransomware extortion, security incidents, malicious network activity, credentials leakage, domain abuse, email security, vulnerable infrastructure, web application security, dark web attention, and more.

The Recorded Future Security Intelligence Platform uses patented machine learning and natural language processing to automatically collect and analyze information from more than one million technical, open web, and dark web sources. The platform provides quantifiable risk scores that represent the risk and security postures for the companies in your third-party ecosystem. These risk scores are grouped into 3 categories: high, moderate, and informational, and they are comprised of 40 risk rules monitoring vital security control performance indicators.

BENEFITS

- Gain an objective view of your third party's risk profiles
- Identify third-party risks in real-time, before they impact your organization
- Respond quickly with the detailed evidence required to understand and act on risk events
- Align risk with the NIST Cybersecurity Framework
- Improve cross-team efficiency

"Recorded Future has helped us better prioritize third-party risk information and incorporate that into our broader cyber threat intelligence perspective."

Risk Management Lead,
National Insurance Company

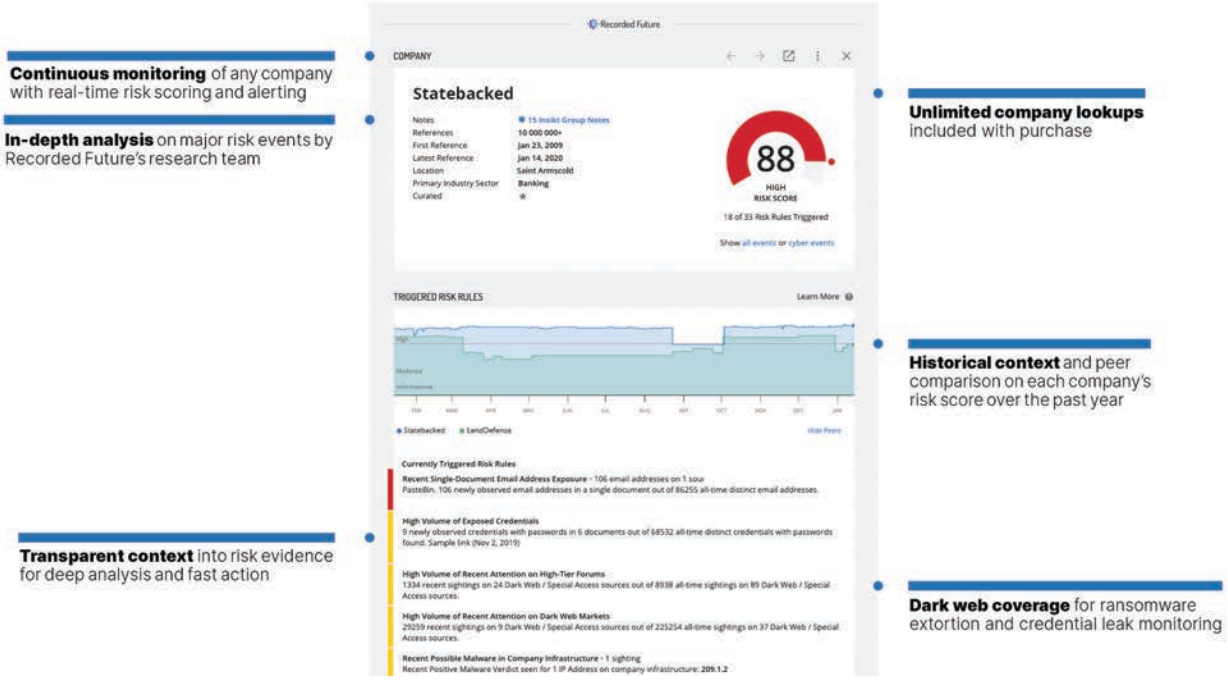
Recorded Future delivers the most comprehensive view of third parties for these key use cases:

Vendor Assessment: Rapidly assess the current and historic risk of your third-parties, granting instant visibility into their risk landscape. Recorded Future automatically identifies and prioritizes key risk indicators, drastically decreasing the time it takes to conduct a risk assessment.

Continuous Third-Party Risk Management: Constantly monitor for risk events for each third party and receive risk-prioritized alerts in real time. You'll immediately know about new risks and their severity, and you'll have the context and evidence you need to act quickly and confidently.

Key Features

Recorded Future's Third-Party Intelligence module includes the following key features:



Example Company Intelligence Card showing risk score, risk history, and key risk information

Results

Complete Risk Assessments 50% Faster

Comprehensive intelligence on third parties empowers third-party risk teams to make fast, informed decisions that move at the speed their business needs. Transparent context and access to the evidence behind risk information enable you to quickly remediate risk and confidently move forward with your high-value third-party relationships.

Proactively Mitigate Risk with Continuous, Real-Time Monitoring

Questionnaire-based approaches to third-party risk are valuable, but these static assessments capture just a single point in time. Stay on top of your third parties with real-time third-party intelligence to learn about newly emerging risks like ransomware extortion right as they happen - not after the fact.

Recorded Future®

DATA SHEET

Card Fraud Intelligence Module

Proactively identify and mitigate risks from card fraud

Challenge

Fraudsters use a number of devious methods to skim payment cards online or in-store, and then post the stolen cards for sale on underground forums and dark web card shops. While the fraudsters watch their profits grow, payment card fraud costs financial institutions billions of dollars each year. Even when fraud is detected illicit payments have already been placed, impacting revenue and diminishing brand reputation. Losses stem from taking a reactive approach to mitigating fraud, financial institutions can improve efforts by shifting to a proactive approach to stop fraud before it can occur.

Solution

Take preemptive action to identify and eliminate compromised payment cards before they're used with Recorded Future Card Fraud Intelligence. Leveraging real-time intelligence, financial institutions can develop and implement effective mitigation strategies to counter the effect of payment card compromises and subsequent fraud attacks. Shifting to a proactive approach to mitigating fraud can save hundreds, thousands, and millions of dollars in chargebacks and fraud investigations, while simultaneously increasing brand reputation and hurting the reputation of the criminals responsible for selling your card data.

Features

Monitor Card Portfolio Exposure in Real Time: Real-time collection of partial data elements from cards posted on dark web shops allows for automated identification of at-risk accounts. Leverage real-time intelligence to take preemptive action and prevent fraud before it occurs, even if a compromised card has already been sold.

BENEFITS

- Identify up to 90% of compromised card assets within hours of a breach (well in advance of CAMS alerts)
- Pinpoint compromised common points of purchase (CPPs)
- Enrich FICO Falcon and other fraud management systems
- Enhance risk-exposure models and lower fraud potential
- Improve average fraud rate metrics across you entire card portfolio

Diagnose Compromised Common Points of Purchase (CPPs): Malicious actors often release compromised cards from a breached merchant in small batches to both mask their activity and not flood the market. Leverage stolen card details to identify compromised common points of purchase (CPPs) before unauthorized transactions occur. Additionally, the Magecart Overwatch solution monitors and scans hundreds of thousands of e-commerce sites to find infections and pinpoint the full exposure window even before compromised card data is offered up for sale.

Track Card Checker Services as a Last Line of Defense: Identify when fraudsters use card checker services to determine if the cards are valid prior to attempting to monetize them. By adding known checker merchants to a risk model, financial institutions can monitor their portfolio and receive a final warning signal to raise the risk score of cards that are conducting low-dollar transactions or authorizing with known checker merchants

Protect Your Portfolio: Receive notifications about sudden supply increases of compromised payments cards, with precise geographical attribution and the exact number of exposed accounts.

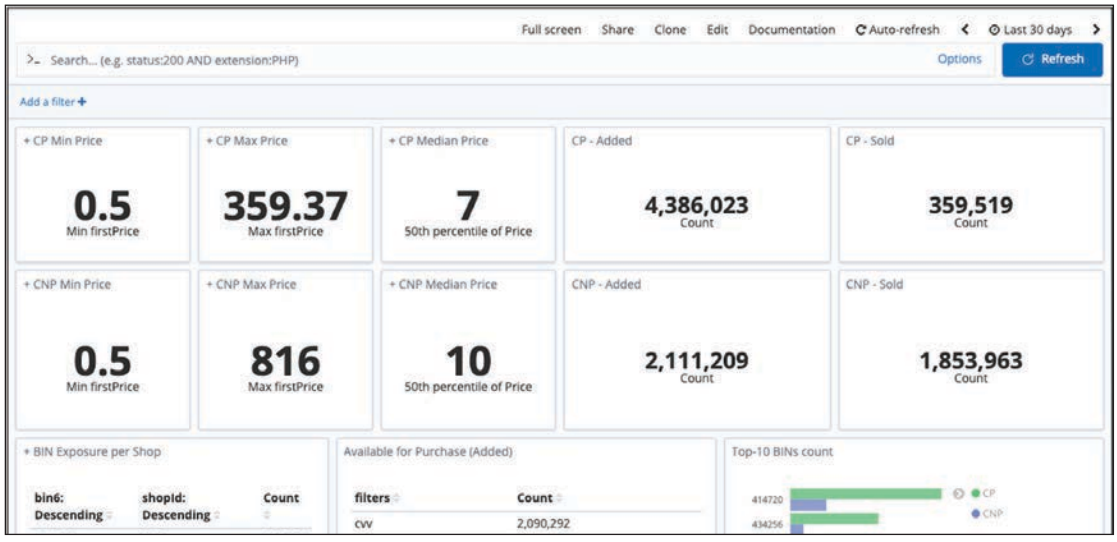
Compare Your Success: Evaluate your fraud prevention efforts with higher accuracy by comparing current and historical statistical data with your most significant peers in the space. Fraudsters are looking for easy targets, banks can make themselves a hard target by leveraging Recorded Future's Card Fraud Intelligence to preemptively block fraudulent charges and lower the value of stolen cards for sale.

Results*

Identify up to 75% of Compromised Cards Before Fraud Occurs: Recorded Future's Card Fraud Intelligence Module proactively identifies critical information posted for sale on the dark web, enabling banks to match the records within their portfolio to pinpoint a single compromised account or a small set of compromised accounts.

Improve ROI by over 3,000%: With Card Fraud Intelligence from Recorded Future financial institutions can go on the offensive to protect their portfolio and clients from fraudulent charges. Access stolen card information for sale on the dark web, preemptively scan merchants for live infections, leverage card checker services as a last line of defense, and more to mitigate the financial and reputational risks of payment card fraud.

**Results taken from client engagements where the Card Fraud Intelligence Module was leveraged to reduce payment card fraud*



Recorded Future's Card Fraud Intelligence Module provides detailed information on cards stolen from Card-Present transactions and Card-Not-Present transactions to help financial institutions stop fraud before it happens.

ABOUT RECORDED FUTURE

Recorded Future is the world's largest provider of intelligence for enterprise security. By combining persistent and pervasive automated data collection and analytics with human analysis, Recorded Future delivers intelligence that is timely, accurate, and actionable. In a world of ever-increasing chaos and uncertainty, Recorded Future empowers organizations with the visibility they need to identify and detect threats faster; take proactive action to disrupt adversaries; and protect their people, systems, and assets, so business can be conducted with confidence. Recorded Future is trusted by more than 1,000 businesses and government organizations around the world.

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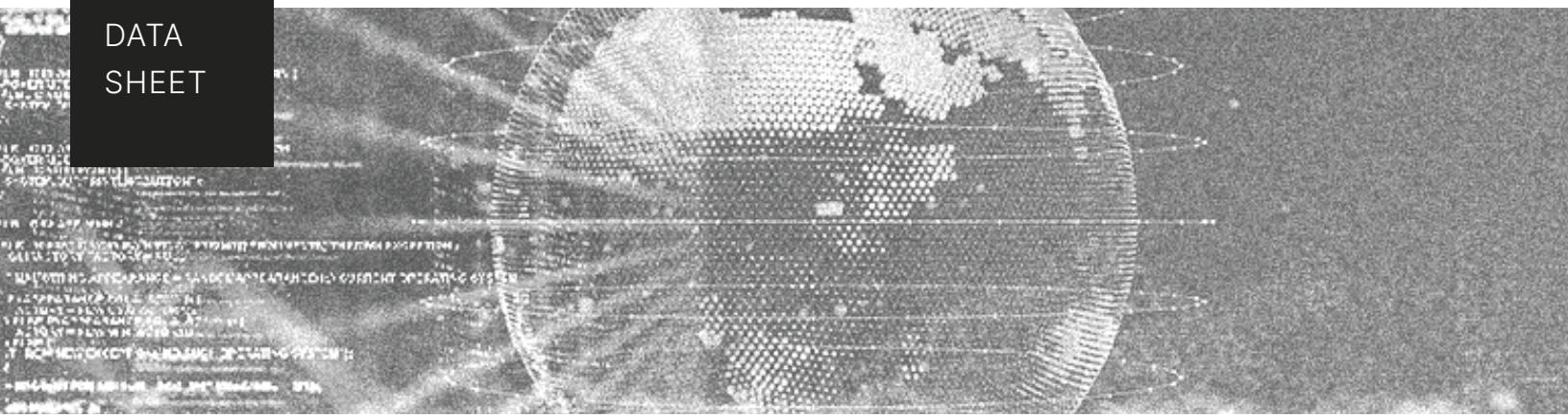
Recorded Future®

DATA SHEET



Geopolitical Intelligence Module

Real-Time Intelligence for Physical Risk Management

Challenge

To maintain a strong security profile, organizations must continuously monitor the geographic areas surrounding their physical assets. However, these areas can be very large and change dynamically. This makes it impossible to manually collect, analyze, and report on a vast amount of intelligence before insights become outdated — not to mention the time it takes to translate information from news sources in these regions' local languages.

Solution

Recorded Future's Geopolitical Intelligence module delivers critical insights into the shifting dynamics in every geographic area that matters to your business. Access contextualized, real-time intelligence about geopolitical threats and trends to protect your facilities, assets, events, and critical third-party organizations — and accelerate your decision-making.

With a sophisticated combination of patented machine learning and expert human analysis, Recorded Future fuses open source, dark web, technical sources, and original research. By dynamically linking, categorizing, and updating intelligence in real time, Recorded Future delivers unprecedented security intelligence that is consumed easily by analysts for rapid detection and analysis of risks to physical assets.

Armed with location-based intelligence in every language, organizations are empowered to work efficiently, share intelligence with key stakeholders in real time, and quickly respond to geopolitical events. Location-based watch lists and real-time risk scores deliver visibility into the reasoning behind each score and enable rapid analysis of current events. Meanwhile, centralized search and visualization capabilities surface relevant intelligence for fast threat detection and robust reporting. Configurable, real-time alerts notify teams immediately about the things they care about most — from threats in specific regions, to mentions related to dangerous physical events.

BENEFITS

- Detect previously undetected threats
- Fast, informed responses to threats
- Enhanced insights and reporting on relevant threats to reduce risk

KEY FEATURES

- Broad source coverage in every language
- Real-time geopolitical event alerting
- Location-based Intelligence CardsTM, risk scoring, and watch lists
- Out-of-the-box dashboard with trending data, research, and alerts

Results*

Reduce Time Spent Compiling Reports By 34%

Recorded Future's Geopolitical Intelligence module empowers you to prevent and respond to geopolitical threats quickly and effectively. Eliminate laborious manual data collection and accelerate critical decision-making with contextual, globally sourced data on geopolitical threats and trends.

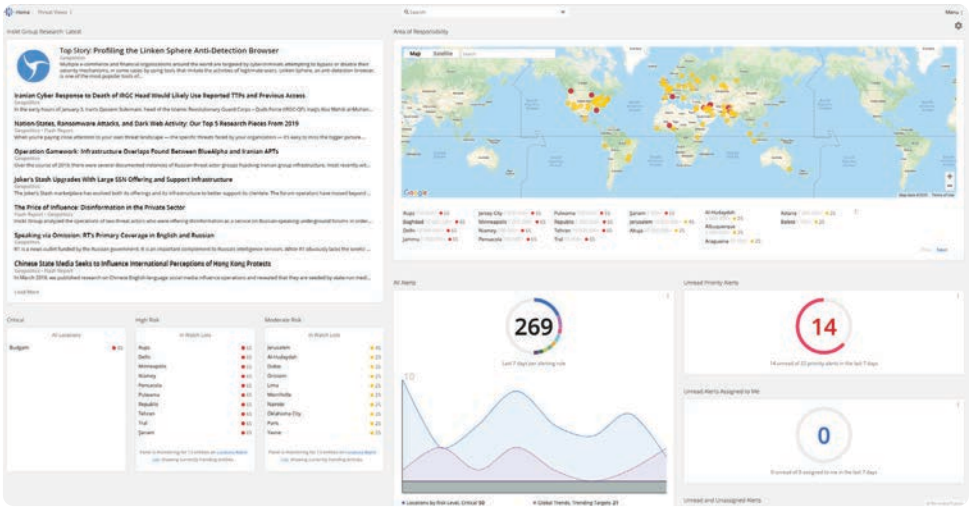
Identify Threats 10x Faster

The Geopolitical Intelligence module automates real-time monitoring, collection, and analysis of data from the broadest range of sources. Location-based watch lists and real-time risk scores provide visibility into the reasoning behind each score, enabling rapid detection and analysis of risks to physical assets.

Features

- Broadest real-time source coverage across the open, dark, and deep web in every language
- Real-time geopolitical monitoring and alerting of terrorist attacks, protests, and public safety events
- Location-based Intelligence CardsTM with risk scoring and transparency to original sources
- Out-of-the-box, location-based dashboard with real-time map of trending data for the locations you care about
- Prioritized geopolitical research from the Recorded Future's Insikt Group available directly in the product and via regular client-exclusive communications
- Access to a team of security intelligence experts for onboarding, training, and ongoing support

**Learn more about the business value Recorded Future brings to clients in our IDC Report*



View the most relevant information tailored to your organization, including threat research, priority alerts, live trending data, and more.

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