Recorded
Future

5 Ways to Reduce Your Risk Profile and Maximize Security Team Efficiency With Recorded Future

Understanding the True Value of Threat Intelligence

You recognize the value of threat intelligence to help your organization identify threats and reduce risk. But did you know the right solution can triple end-user productivity and achieve full ROI in just four months?

A recent independent study by research firm IDC, "Organizations React to Security Threats More Efficiently and Cost Effectively With Recorded Future," found that Recorded Future's universal threat intelligence solution powered by patented machine learning enables security teams to identify threats **10 times faster**, while helping to resolve security incidents **63 percent quicker** when they do occur.

Through a series of ROI calculations and customer testimonials, this e-book will explore five ways your organization can reduce risk while maximizing resource efficiencies with Recorded Future.

1 Rapidly Identify and Respond to Cyber Threats

3 Identify and Prioritize Vulnerabilities That Matter

5 Get Flexible Analysis and Reporting Options — When You Need Them

2 Supercharge Your Security Operations Team

4 Automate Manual Processes With Powerful Machine Learning

1 Rapidly Identify and Respond to Cyber Threats

As the volume and sophistication of threats continues to increase, organizations are struggling to stay one step ahead of unknown threat actors while working against risk presented by the IoT, digital transformation, the supply chain, and more.

Threat intelligence has the potential to transform your cybersecurity and help turn the tables with real-time insight into who's targeting you, the tactics and methods attackers might use, and the vulnerabilities they could exploit. It's time to arm your security teams with the contextualized insights they need — when they need them — to identify, prioritize, and respond to threats quickly.

IDC found that Recorded Future helps organizations:

Find threats
10 times faster

Resolve threats **63%** quicker

Save **$1 million** in potential penalties/fines per breach avoided

2 Supercharge Your Security Operations Team

Security operations center (SOC) teams see thousands of security alerts each day. Yet most organizations can only investigate <u>56 percent</u> of the alerts they receive, and of the investigated alerts, only 34 percent are deemed legitimate. Overwhelmed with event data, teams need to enrich internal security data with context from external intelligence to stream-line alert triage and subsequent incident response to:

- Improve the time to "no" for irrelevant alerts
- Quickly discount false positives
- Pinpoint the most significant threats and take effective action to resolve them
- Minimize interruptions to operations and users

Recorded Future speeds and automates the collection, analysis, and production of threat intelligence at scale to drive accelerated alert escalation across vast amounts of data. With over 30 instant integrations into existing security workflows, IT security professionals don't have to waste valuable time learning a new interface and system. This unique, proactive approach helps organizations empower a productive and engaged workforce, attract and retain top talent, and close the gap between end-user expectations and experiences — without adding a burden on IT security.

IDC found that Recorded Future helps security teams:

Work
32%
more efficiently

Identify
22%
more threats
before impact

Realize annual
productivity benefits
worth **$30,462**
per internal
IT security team
member

Gain back
86%
of end users' lost
productivity due to
threat–related
unplanned outages

3 Identify and Prioritize
Vulnerabilities That Matter

Vulnerabilities put your business at risk of attack. But with new ones emerging every day, it's impossible to patch everything, everywhere. Vulnerability management teams need a way to quickly weigh the potential disruption of applying a patch against the real-world threat posed by the vulnerability — and make a rapid, informed decision.

Recorded Future provides the necessary real-time context around disclosed vulnerabilities, while identifying new exploits in real time. Once you have visibility of specific evidence that points to a CVE being exploited, you can take a much more strategic approach to prioritizing, measuring, and mitigating the risk from vulnerabilities.

Vulnerability Prioritization in Seconds

Recorded Future real-time risk scores and evidence accessed directly from vulnerability scan data

4 Automate Manual Processes With Powerful Machine Learning

Scaling human security analysts to process the sheer volume of available threat data is impossible. Machine learning and automation are necessary to consume massive amounts of data from technical sources, technical research, open sources, closed/dark sources, social media, and even propriety customer data and third-party sources — and aggregate, analyze and contextualize it all in one place.

With billions of indexed facts, Recorded Future's Threat Intelligence Machine leverages machine learning and natural language processing (NLP) to continuously analyze threat data from a massive range of external data sources. Real-time access to this aggregated information on emerging threat trends and recent cyberattacks provides you with a more comprehensive, real-world view of risk. This highly relevant, contextualized threat intelligence also helps bridge today's massive cybersecurity skills gap by helping analysts perform beyond their experience level, providing the real-time context they need to quickly and confidently respond to incoming threats.
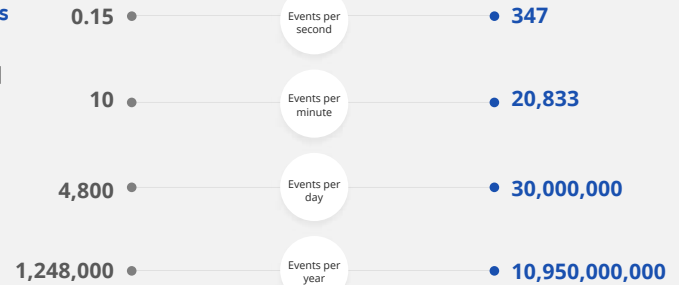
Man vs. Machine
Two Ways to Threat Intelligence

Data Processing
When it comes to processing information, one full security event read by a machine is equal to just 10 words read by a human analyst, on average.

A machine can collect and analyze **8,800 times** the amount of data a single human can – and it's working **24x7x365**

Human Analyst Processing Power (Events analyzed*)		Machine Processing Power (Events analyzed)
0.15	Events per second	347
10	Events per minute	20,833
4,800	Events per day	30,000,000
1,248,000	Events per year	10,950,000,000

Intelligence Availability
Even the slightest delay can mean the difference between attack and action.

Human Analyst		Machine Analytics
8	Hours per Day	24
5	Days per Week	7
260	Days per Year	365

Unstructured

Structured

Streamlined
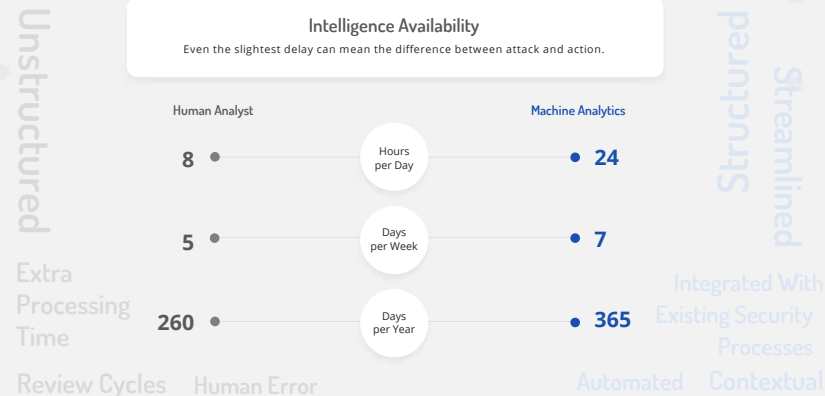
Extra Processing Time

Integrated With Existing Security Processes

Review Cycles   Human Error

Automated   Contextual

"Recorded Future allows us to produce more meaningful data around potential threats. It has allowed us to get a clearer picture of everything. Previously, our team would have had to do a manual search for a particular event. Recorded Future is able to pull in more sources than we could. Without it, we would have to sift through Google or social media for potential activity.

IDC INTERVIEWEE

5 Get Flexible Analysis and Reporting Options — When You Need Them

Automated data collection, analysis, and delivery provide real-time intelligence at scale. But human analysis can add important insights and customization that is tough to replicate with machines. Historically, highly contextualized threat intelligence reports took a long time to produce — often becoming outdated before they were even complete. In security, time equals risk. IT security teams must be able to easily access reports that are customized to specific organizational requirements and areas of interest. Executive teams that do not require granular security information should be able to access high-level reports and dashboards that show them just enough information to understand their overall security risk posture.

When it comes to reporting, Recorded Future gives you flexible, on-demand options: human analysis is integrated into the machine learning-powered intelligence available via an intuitive web portal, integrated into any cybersecurity solution, in deep-dive analyst reports, or in 100,000-foot-view executive dashboards.

IDC found that Recorded Future helps organizations spend **34% less time** compiling security reports

"Recorded Future's on-demand reports ... are precise and the level of detail is unbelievable. Turnaround time is really good as well. The data in the report is valuable because it is very actionable."

"With Recorded Future, we have seen a legitimate uptick in useful information. For a C-level, it's nice to have that report in the morning before meetings. Recorded Future puts out valuable information that you can sink your teeth into."

IDC INTERVIEWEES

Maximize Efficiency, Reduce Risk, and Demonstrate Rapid ROI With Recorded Future

Security leaders and their boards face a balancing act as they look to establish strong cybersecurity programs. They must carefully choose which tools are worth the investment against the costs and disruption of a potential cyberattack. As part of their vendor assessment process, security leaders should look for a threat intelligence solution that promises a strong and ongoing ROI resulting from:

✓ **Higher staff productivity** for the entire IT security team by replacing manual tasks and research with automation (including staff responsible for operations, investigation, report compilation, and threat resolution)

✓ **Greater operational efficiency** resulting in additional time for teams to implement strategic, proactive cybersecurity measures that drive down risk

✓ **Cost savings** through reduced IT expenditures (such as external security reports and consulting) and breach-related penalties and fines

By calculating ROI, security leaders can confidently quantify the value of the solution, demonstrate how it aligns with the business's strategic goals, and accelerate decision-making.

IDC found that with Recorded Future, organizations can:

Achieve complete payback within four months

Save **$3,302** annually in IT costs per internal IT security team member

Realize ROI of **284%** within three years

Threat Intelligence Exclusively for Everyone

No matter the size of your organization, Recorded Future's comprehensive threat intelligence solution gives you the resources to thwart cyber threats faster, while rapidly realizing strong and ongoing ROI.

To get your customized ROI report, check out the assessment here.

Recorded Future

About Recorded Future

Recorded Future delivers the only complete threat intelligence solution powered by patented machine learning to lower risk. We empower organizations to reveal unknown threats before they impact business, and enable teams to respond to alerts 10 times faster. To supercharge the efforts of security teams, our technology automatically collects and analyzes intelligence from technical, open web, and dark web sources and aggregates customer-proprietary data. Recorded Future delivers more context than threat feeds, updates in real time so intelligence stays relevant, and centralizes information ready for human analysis, collaboration, and integration with security technologies. 91% of the Fortune 100 use Recorded Future. Learn more about Recorded Future here.
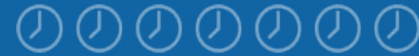
Today, it would take nearly

9,000 analysts,

working 8 hours a day, 5 days a week,

for 52 weeks per year

to process the same amount of security event data that Recorded Future's machine analytics can process in the same time frame.