

Threat Lifecycle Management

A Framework for Rapidly Detecting and Responding to Cyber Threats (Without Adding More Staff)



The Modern Cyber Threat Pandemic

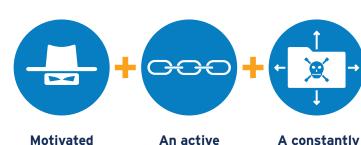
The number of records exposed by breaches aren't showing any signs of slowing.



736 million in 2015

That's an increase of 760% in just 5 years!

The risk of breaches continues to grow due to the combination of:



Motivated threat actors

cyber crime supply chain

Faster detection and response

There are many obstacles that keep your

team from being able to detect and respond

Forensic

Data

Silos

A constantly expanding attack surface

Prevention-centric solutions aren't enough to keep attackers out.

In fact, the industry is seeing a strategic shift to detection and response. Gartner® predicts that by 2020, 60% of enterprise information security budgets will be allocated for rapid detection and response approaches-up 20% from 2015.





2015 IT Budgets

Detection and Response Prevention

Fragmented Lack of Workflow **Automation**



Alarm

Fatigue



Swivel

Chair

Analysis

isn't always easy.

to a threat quickly-including:







The Cyber Attack Lifecycle

surface to execute a compromise. An attacker begins with reconnaissance-finding their way in by manipulating users, compromising physical environments, etc.

Today's cyber threats use your holistic attack

take increasing control over the environment and move laterally toward their target-taking over accounts and systems until the target is attained. This is where the biggest damage is done: exfiltration, corruption and disruption.

If their initial compromise isn't detected, they will

Reconnaissance

Initial Compromise Command & Control

Lateral **Movement**

Target Attainment

Corruption **Disruption**

Exfiltration

The Solution: The Threat Lifecycle Management[™] Framework

Framework is a series of aligned security operations capabilities. It begins with the ability to see broadly and deeply across your IT environment and ends with the ability to quickly mitigate and recover from security incidents. The result? Reducing your mean time to

The Threat Lifecycle Management (TLM)

detect (MTTD) and mean time to respond (MTTR) without adding staff to accomplish the job.



A combination of disparate, siloed technology systems makes it harder for your team to cut

This is Not Effective

through the noise and correlate data-resulting in inefficiencies across people, processes, and technologies. ********



By combining each step of the TLM framework into a single UI, your team views end-to-end workflows

through a single pane of glass.



Time to Detect Time to Respond

Discover

Search analytics · Assess threat Machine analytics

• Determine risk •Is full investigation

necessary?

Qualify

Investigate Neutralize Analyze threat

and extent of incident

Determine nature

Implement countermeasures • Mitigate threat &

associated risk

Report Review

Clean up

Recover

Adapt

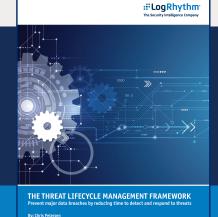
Collect

• Security event data

• Log & machine data

· Forensic sensor data

To learn more, download our white paper



:::LogRhythm