

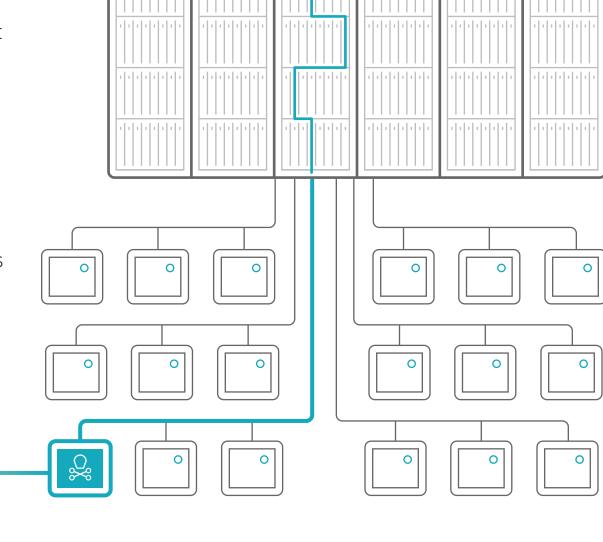
The time from the point a threat

WHAT IS DWELL TIME?

successfully enters your environment to when the threat is completely remediated. **WHY IT MATTERS**

Dwell time is a leading metric

in measuring the proficiency of a given security strategy and its related processes, policies and controls. For CISOs and CIOs. tying this number to business impact is critical.





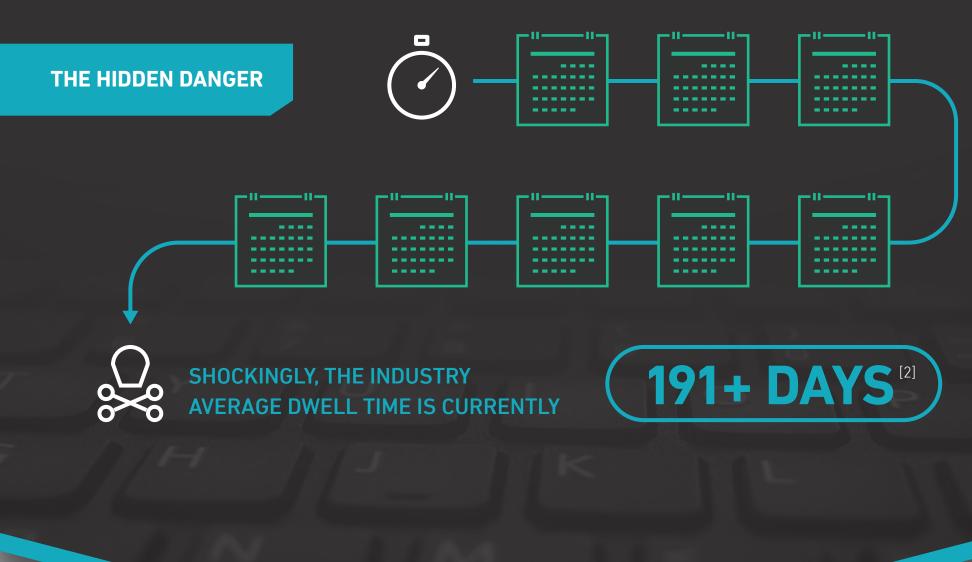
Mid-level threat actors

THREAT ACTORS MOVE FAST

only require an average of



DAYS to achieve success via targeted attacks.



Aligning Dwell Time to the Cyber Kill Chain® means that the

good guys are attuned to opportunities to counter how the bad

guys operate. The Kill Chain represents the lifecycle of a threat

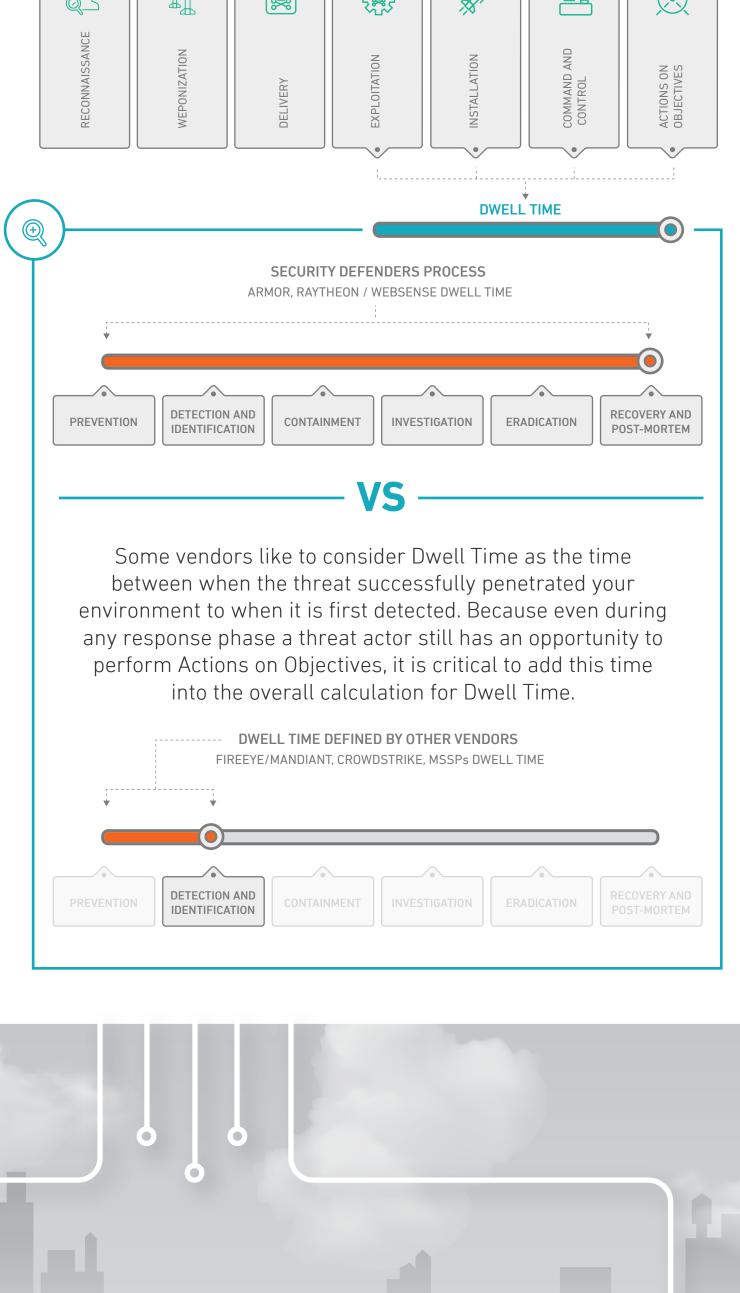
(the process the threat actor conducts) from beginning to end.

In this model, phases 4 through 7 represent the opportunity

DEFINING DWELL TIME

security teams have to disrupt the threat actor's efforts. THREAT ACTOR'S PROCESS 5 Q

7



CLEANUP IS COSTLY, TIME-CONSUMING

COST (\$) OF AN INCIDENT

EXPLOITATION

Attacker goes

lateral in your environment.

from a cyber incident. 5 4 3 3.18 2.83 2 1 0 <30 DAYS

10%

0%

Cyber attacks are

becoming more

targeted

The longer a threat actor is able

environment, the more likely the

Objectives, the final stage of the

Cyber Kill Chain. For businesses,

risk of a data breach, a malware

getting ensnared in a botnet or

held hostage by ransomware.

In turn, this also means lower

chances of downtime, regulatory

compliance penalties and hefty

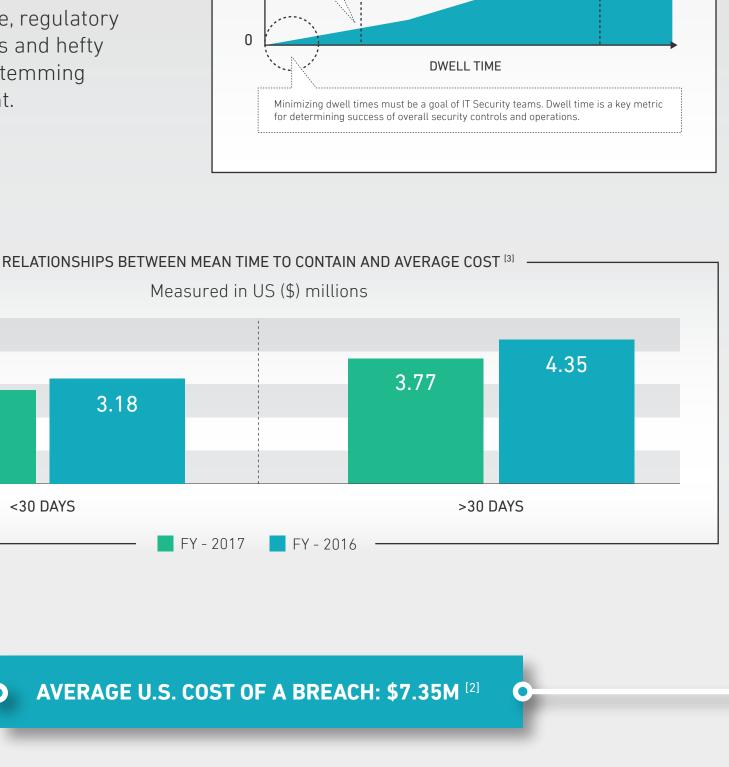
lawsuits and costs stemming

outbreak, or their machines

shorter dwell times mean reduced

actor is able to achieve Actions on

to operate unfettered in your



10%

0%

Cyber attacks are

becoming more

sophisticated

THE CYBER KILL CHAIN AND THE COST OF AN INCIDENT

#

INSTALLATION

Data leaves your environment.

Your costs experience a step-change due to the seriousness of the incident.

COMMAND & CONTROL

ACTIONS ON

Strongly Agree and Agree responses combined 60% 60% 60% 60% 59% 59% 50% 50% 50% 52% 51% 51% 40% 40% 40% 20% 20% 20%

Cyber attacks are becoming

more severe in terms of

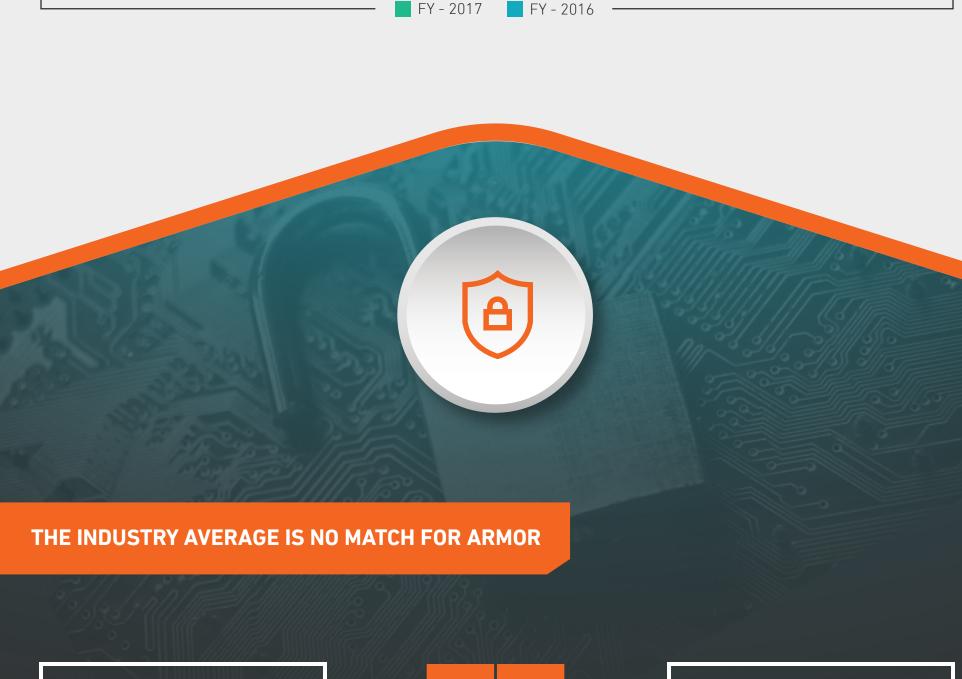
negative consequences

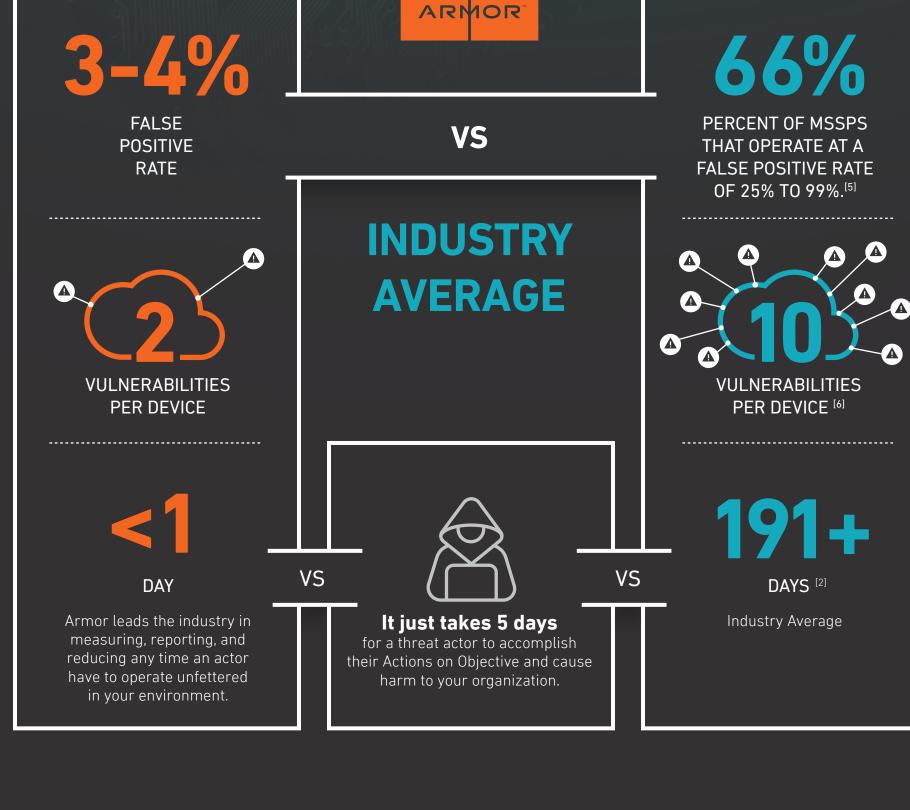
10%

0%

When the threat appears to be getting more targeted, more sophisticated and the consequences more severe,

reducing Dwell Time becomes all the more critical [4]:





philosophy built around a common objective. Learn more about architecting your security operations with Dwell Time in mind.

Get the eBook



SOURCES: 1. "2017 Cost of Data Breach Study: Global Overview," Ponemon Institute, 2017. 2. "2017 Cost of Data Breach Study: United States," Ponemon Institute, 2017.

KNOW YOUR DWELL TIME Dwell Time is more than just a metric; it is a catalyst for a proactive security

3. "2017 State of Cybersecurity in Small & Medium-Sized Businesses (SMB)," Ponemon Institute, September 2017. 4. "2018 Security Alert Overload And Its Impact On MSSP Business Models, "Advanced Threat Analytics, 2018. 5. "2017 A Day in the Life of a Cyber Security Pro," Enterprise Management Associates® (EMATM), Infobrief – April 2017.

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