BASED ON EXCEPTION MANAGEMENT

Rule out what is 'safe' or 'acceptable' in business, then investigate everything else.

BASED ON THREAT INTELLIGENCE

Past malicious behavior isn't a good indicator of future malicious behaviors.

→

Threat intelligence is the knowledge we have about previous threats, as analyzed and interpreted by the cybersecurity community.

Q CYDEF

LIMITED AMOUNT OF DATA REQUIRED

We only collect the data we use *(application and process behavior analytics).*

"Obviously, the highest type of efficiency is that which can utilize existing material to the best advantage."

Jawaharlal Nehru

GATHER INCREASING AMOUNTS OF DATA

Internal events

Indicators of Compromise (IOCs)

Q CYDEF

HUMANS MAKE IMPORTANT DECISIONS

Machine Learning is used to make humans more efficient

Humans review 100% of telemetry collected

No gaps, no guessing — nothing is ignored

AI MAKES IMPORTANT DECISIONS

AI scores potential threats(not enough data = ignore)

Humans investigate only higher scores (limited time)

This gap makes them vulnerable to more sophisticated attacks

BUILT-IN TRANSPARENCY

"BLACK BOX" TECHNOLOGY

We've made it easy to check our work (verifiable security)

You can't see what they've done behind the scenes

We can <u>demo</u> what our analysts do behind the scenes

"Trust because we say so."

"Trust, but verify."

"Trust is built with consistency."

Lincoln Chafee

QCYDEF

THREAT HUNTING LABOR INCLUDED

Threat hunting is built into our process

Simple pricing (per endpoint)

Cost is predictable and affordable

THREAT HUNTING LABOR COSTS EXTRA

Not affordable for most organizations

Threat hunting is the process of searching for threats that have already bypassed existing cybersecurity layers but have yet to be detected.

CYDEF

STRAIGHTFORWARD PROCESS

Lowers costs

Decreases required expertise

Reduces complexity

Increases efficiency and scalability as we grow

CONTINUOUS INCREASE OF...

Costs

Expertise

Complexity

"As cyber threats evolve, we need to evolve as well."

Christopher A. Wray

Q CYDEF

IT'S A SCIENCE

Consistent results through a rigorous, systematic, repeatable process.

IT'S AN ART

Threat hunting results depend on the analyst's:

- Skill
- Experience
- Knowledge
- Time available

"Science is the systematic classification of experience."

George Henry Lewes

CYDEF

EMBRACES SIMPLICITY

EMBRACES COMPLEXITY

Our aim is to make things simpler for our customers and partners.

We want it to be easy for you to choose CYDEF.

Some solutions (not all) are so complex, customers end up over-buying out of an abundance of caution.

"Progress is man's ability to complicate simplicity."

Thor Heyerdahl