

Empowering Executives with Security Evidence

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About me...

- Better part of 2 decades in cybersecurity and data protection
- Started career in operational IT back in the 90s – networks and datacenters
 - Was often the guy “Security” got dropped on in those days
- A “builder” by core motivation and always in search of “why”
- Alumnus of some great organizations I helped build the offerings for:



- Not here to sell you something – here to talk about why evidence is crucial

The Balancing Act



- **Build a strong, mature security program across our people, processes, and technology**
 - I. Where do we focus our attention?
 - II. Are the investments we make worth it?
 - III. Do we offload our risk to cyber insurance?

FUNDAMENTAL CHALLENGE

Assumption Based



WE ASSUME:

Technologies work as vendors claim



WE ASSUME:

Products are deployed and configured correctly



WE ASSUME:

People are correctly handling events and processes



WE ASSUME:

Changes to the environment are properly understood, and communicated

WHAT IS SECURITY INSTRUMENTATION?



Security Instrumentation is a method that provides organizations with the evidence needed **to measure, manage, improve, and communicate** their cybersecurity effectiveness.

CYBERSECURITY'S GOAL: **PROTECT CRITICAL ASSETS**

Across all verticals, businesses rely on **business continuity and critical assets** to gain competitive advantage, drive revenue, protect shareholder value, and deliver services. As a result, many have made significant investments to protect these assets.



INTELLECTUAL
PROPERTY



CUSTOMER
DATA



PATIENT
DATA



SERVICE / SALES
DATA

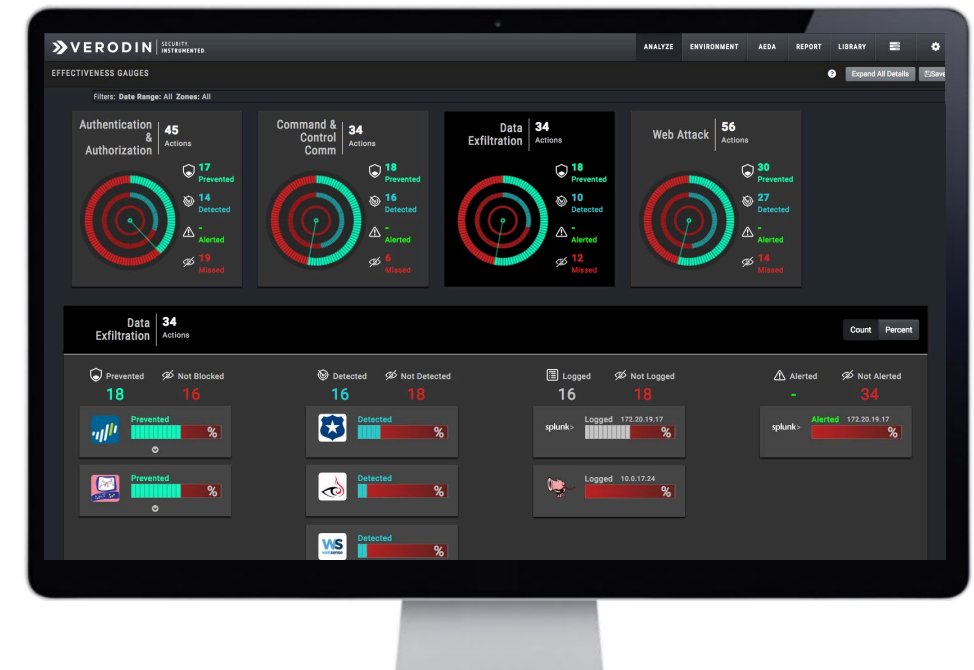


CRITICAL
INFRASTRUCTURE

*Demand for **EVIDENCE OF EFFECTIVENESS***

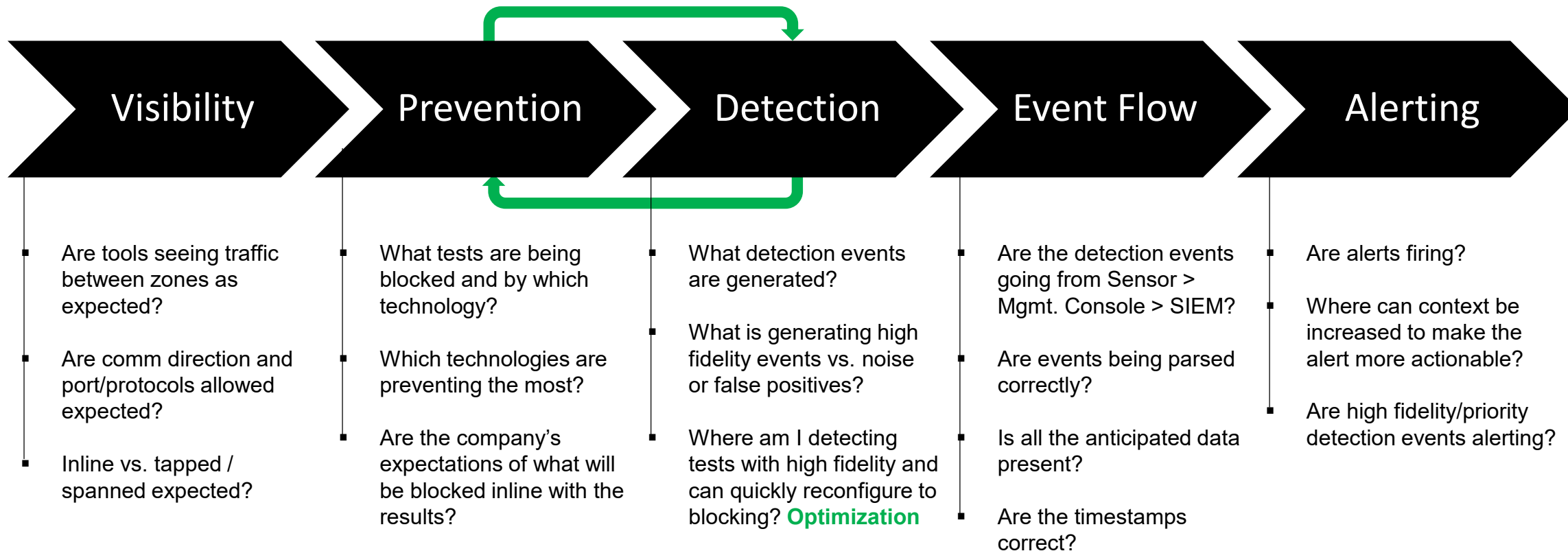
SHIFTING SECURITY TO A MEASURABLE INVESTMENT

Executives rely on **evidence** to drive decision-making, optimize operations and ultimately improve their organizations over time. Security Instrumentation allows you to elevate cybersecurity to an **evidence-based, data-driven** business function.



CYBERSECURITY EFFECTIVENESS 

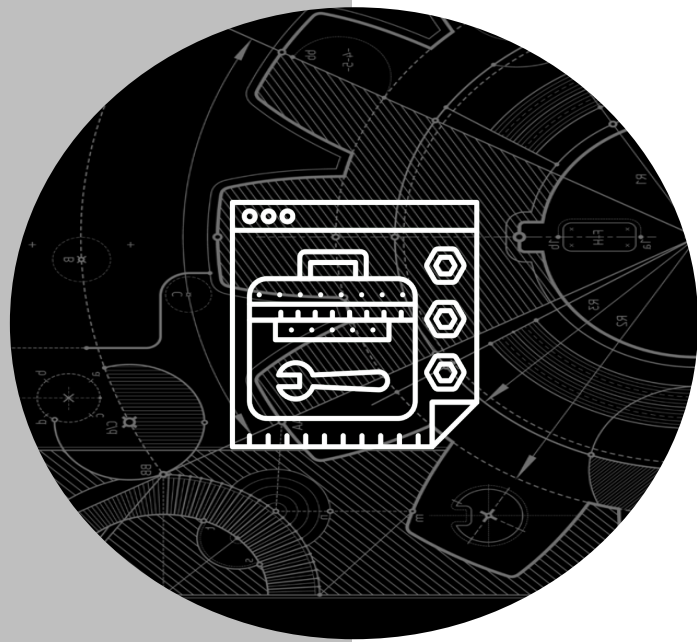
EFFECTIVENESS VALIDATION PROCESS (EVP)





Control **Effectiveness** / Configuration **Assurance**

- Are our controls working the way we expect them to?
- Are they properly configured?
- Are they effective against the adversary's behaviors?

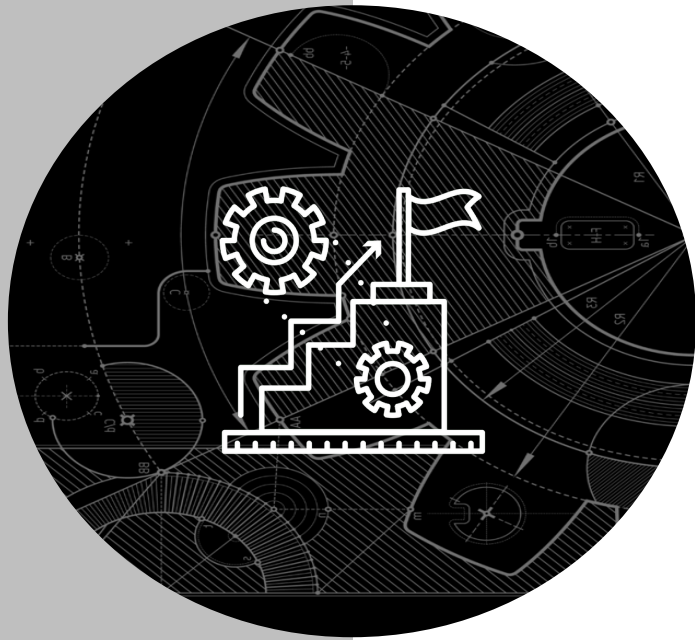


Security Tools Optimization

- Are we able to increase the efficiency of the dollars already spent?
- Are we using the full value of our existing tools?
- Are we maximizing ROI?

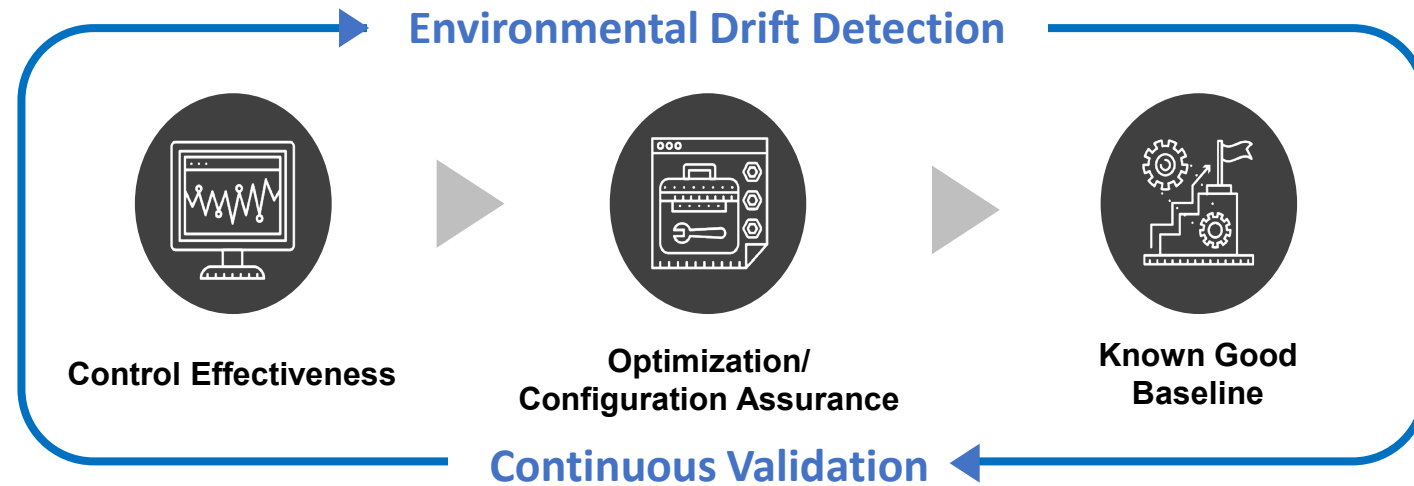
CORE BUSINESS VALUE

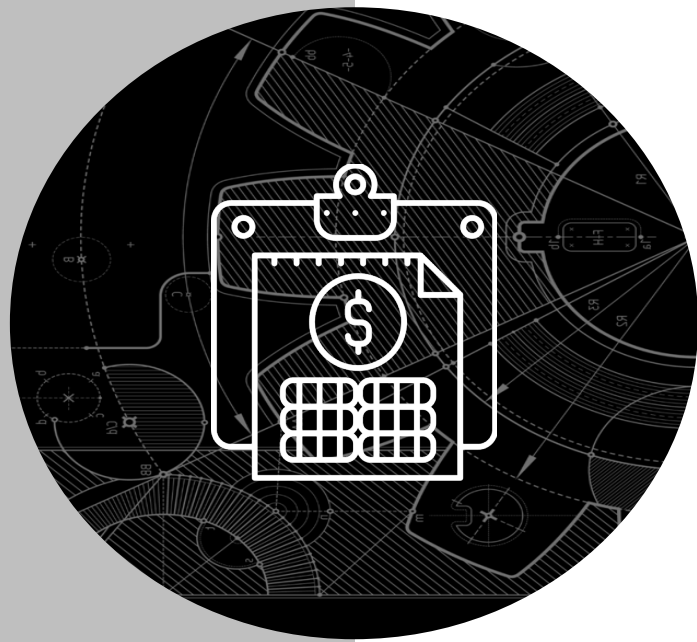
Known Good Baseline



- Demonstrate improvement over time
- Notifications of when changes occur – both planned and unplanned – quantifying environmental drift

CORE BUSINESS VALUE

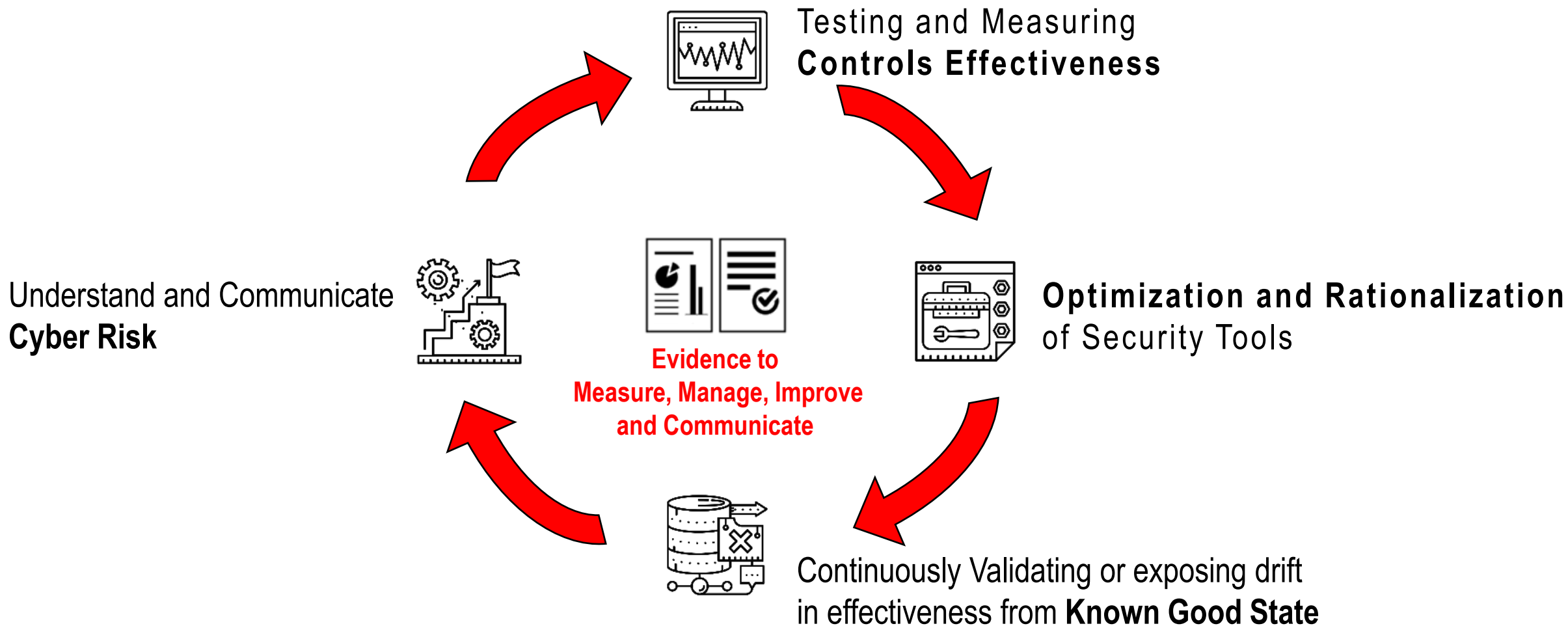




Security Tools **Rationalization**

- Where are overlaps and true gaps?
- Can tools be removed from the stack?
- Can we simplify the environment?

EVIDENCE CAN CONTINUOUSLY IMPROVE CYBERSECURITY



Thank you!!



Questions?

