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Accelerating Risk Management Through Adaptive Response Strategies

Accelerate decisions at machine-to-machine speed

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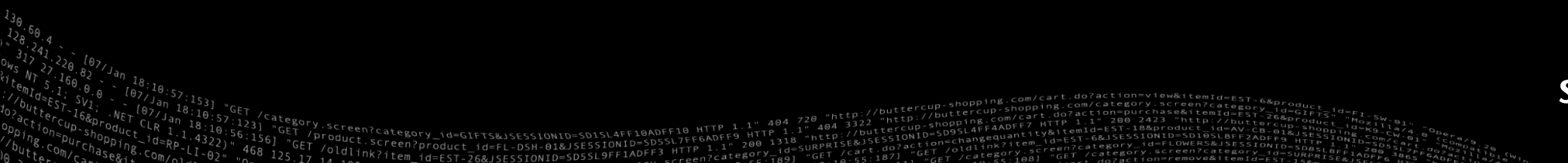
Before you get a phone call ..

Core concepts in 5 minutes

- **Teaming of core technologies required**
  - 'Basics' must be absolute and automatic
  - Complexity is the enemy of secure operations
  - Only hope for risk management as the speed of everything increases

- **Risk management largely measured on response ability**
  - Defense in depth is a methodology, not a device count
  - Push controls to lowest level possible

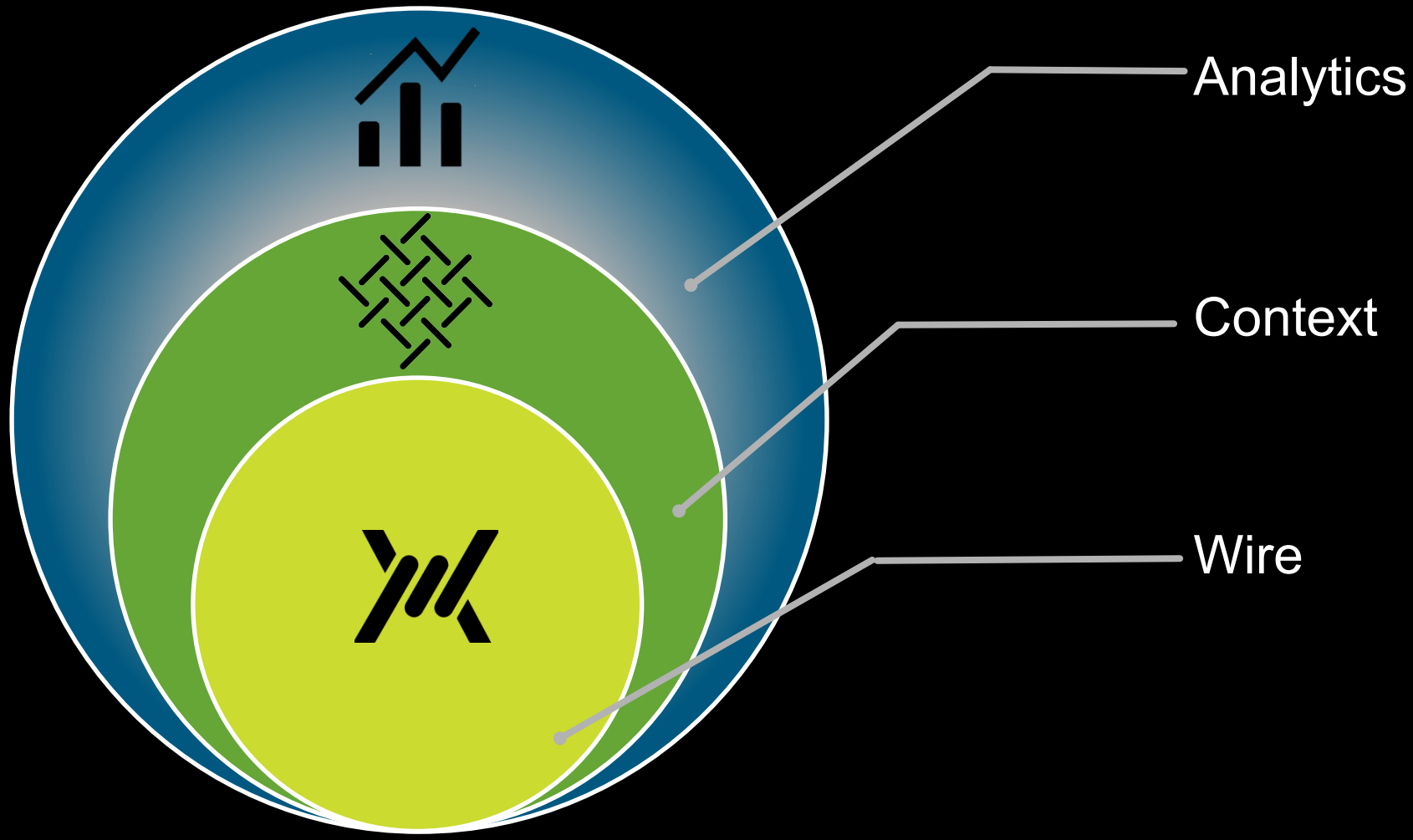


“Sometimes the questions are complicated and the answers are simple.”

-Dr. Seuss

Running circles around your framework

Systems and Controls Strategy



Example: FortiGate Client Reputation

Proving theorem: local meshing required

Today, we cannot even keep up

And it is going to worse

- Encryption

- Dynamic Workloads

- Devices

How you already rely upon a fabric

Authentication

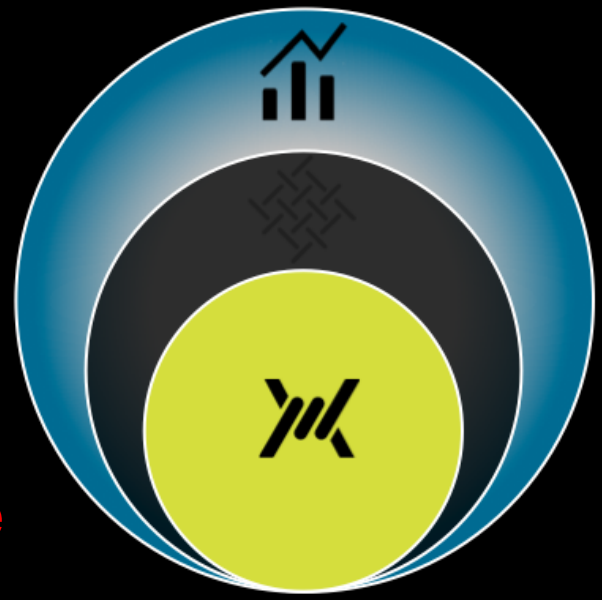
- Credential management
- Centralized revocation
- Access auditing & tracking

Network Traffic Routing

- Dynamic routing
- Domain Name Servers
- Centralized File Shares

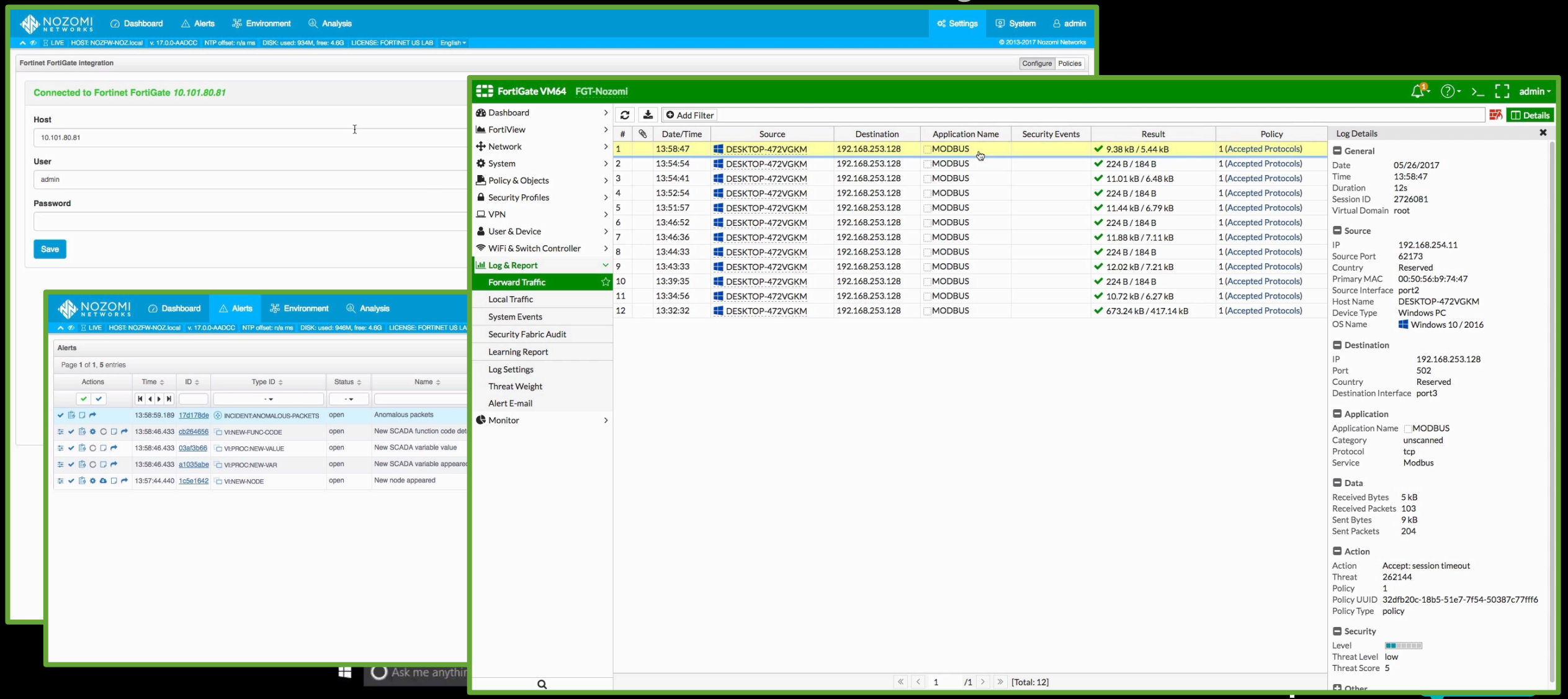
- Local Passwords
- Local access records
- Individual host revocation

- Static Routes
- IP addresses for each website
- Isolated storage



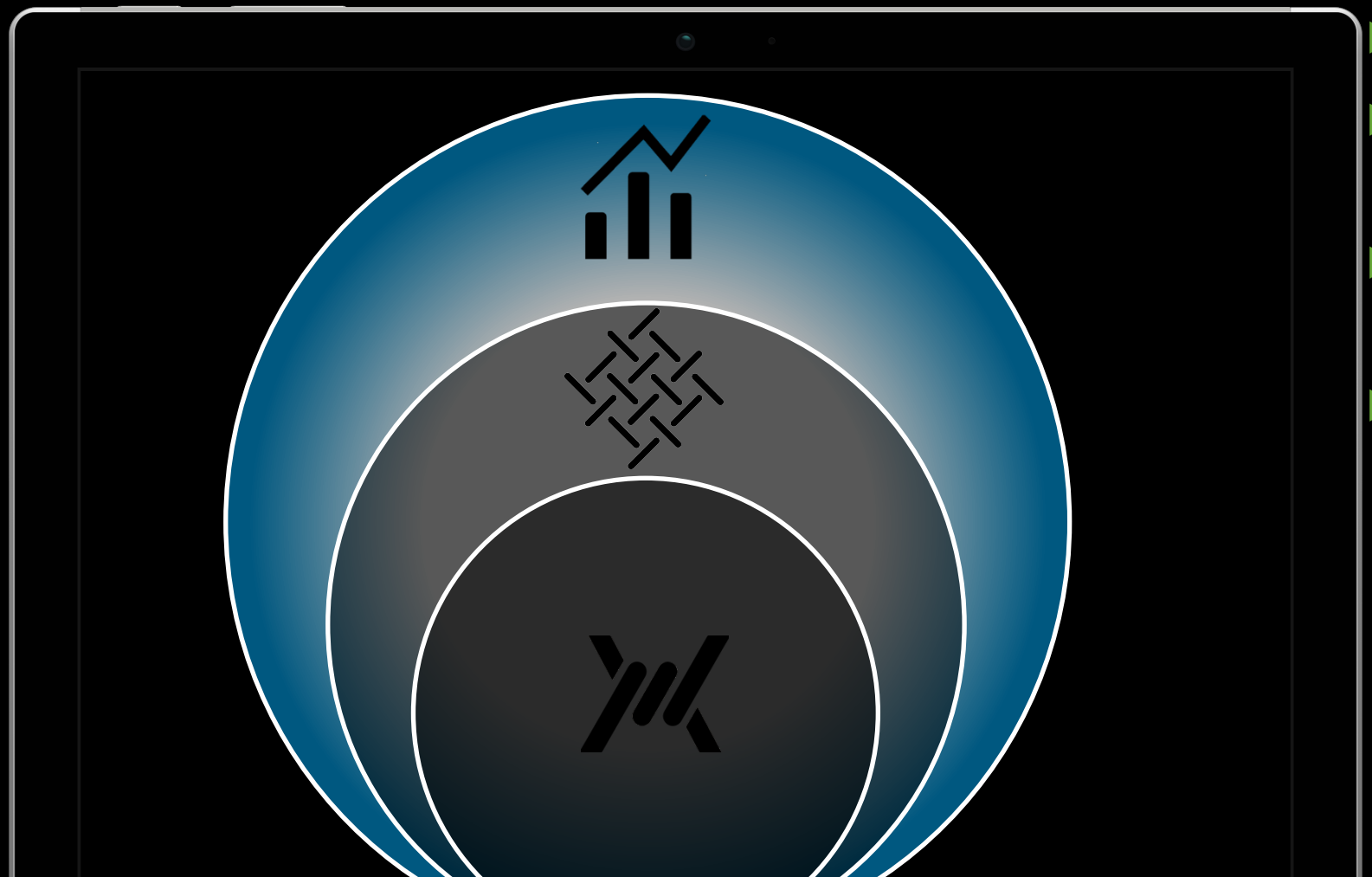
Example: Operational Technology

FortiGate and Nozomi integration



HITL: Human in the Loop

Operations Management & Analytics



- Red Button
- What we cannot push to the team or wire
- Integrating larger context & authorization
- Training the model

Example: Splunk Adaptive Respone

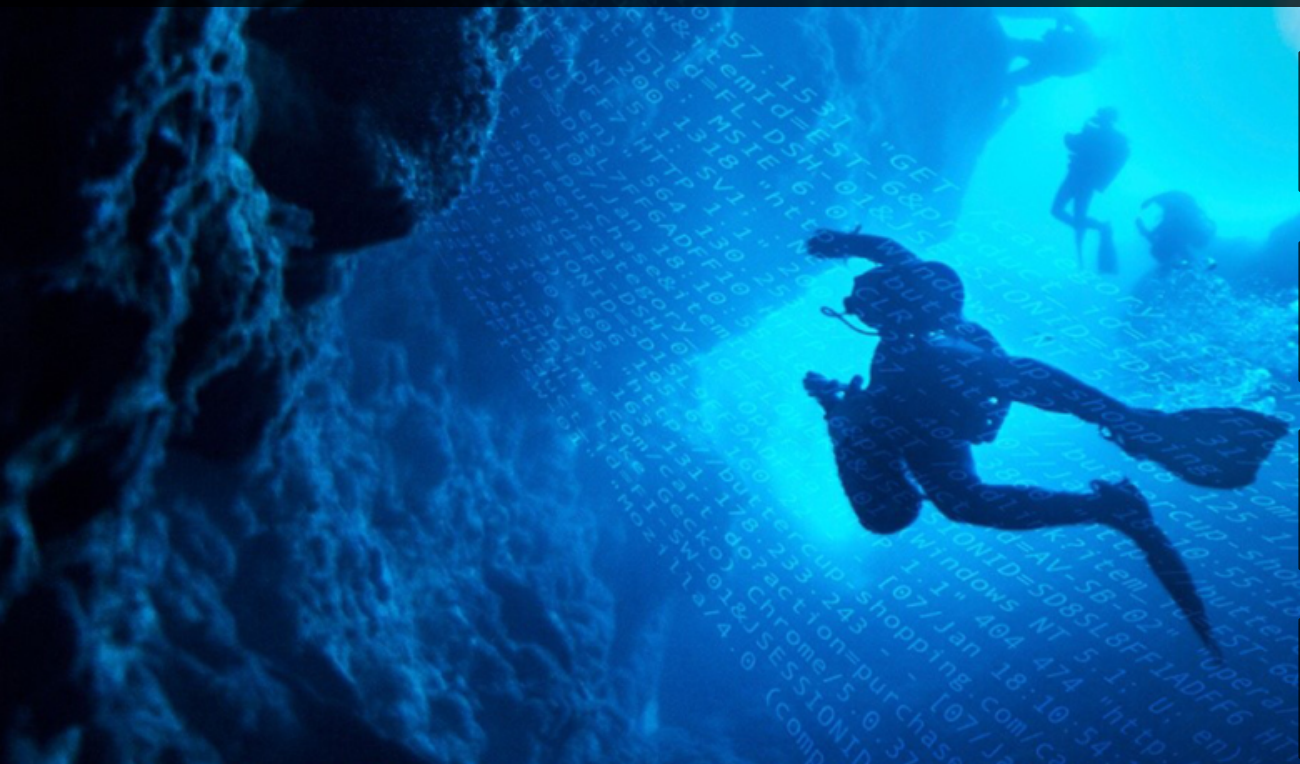
"I like the concept of a security fabric because it **simplifies security**, and it enables network and security professionals to **respond** to cyber attacks **faster**, **minimizing** the impact of a **breach**."

Simplification for faster, better response

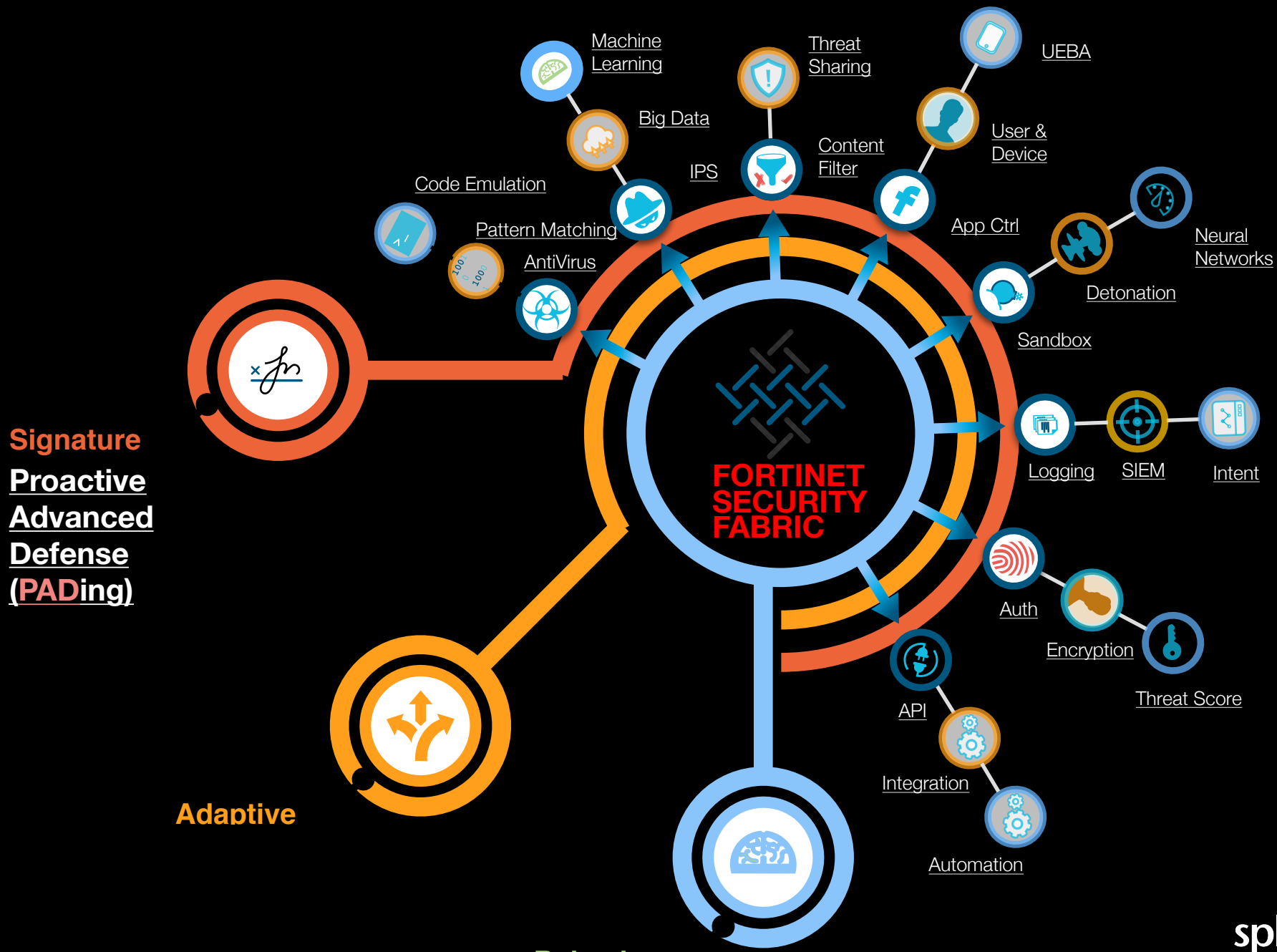
Network World, 2017
https://goo.gl/k1dGwH

Undeniable fabric value

Today, start expecting your technology to work together, for you



- Intent based security
- Expedite containment response
- Continuous audit & enforcement
- Simplify operations, staffing



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