Using machine learning to unlock the potential of your network security data

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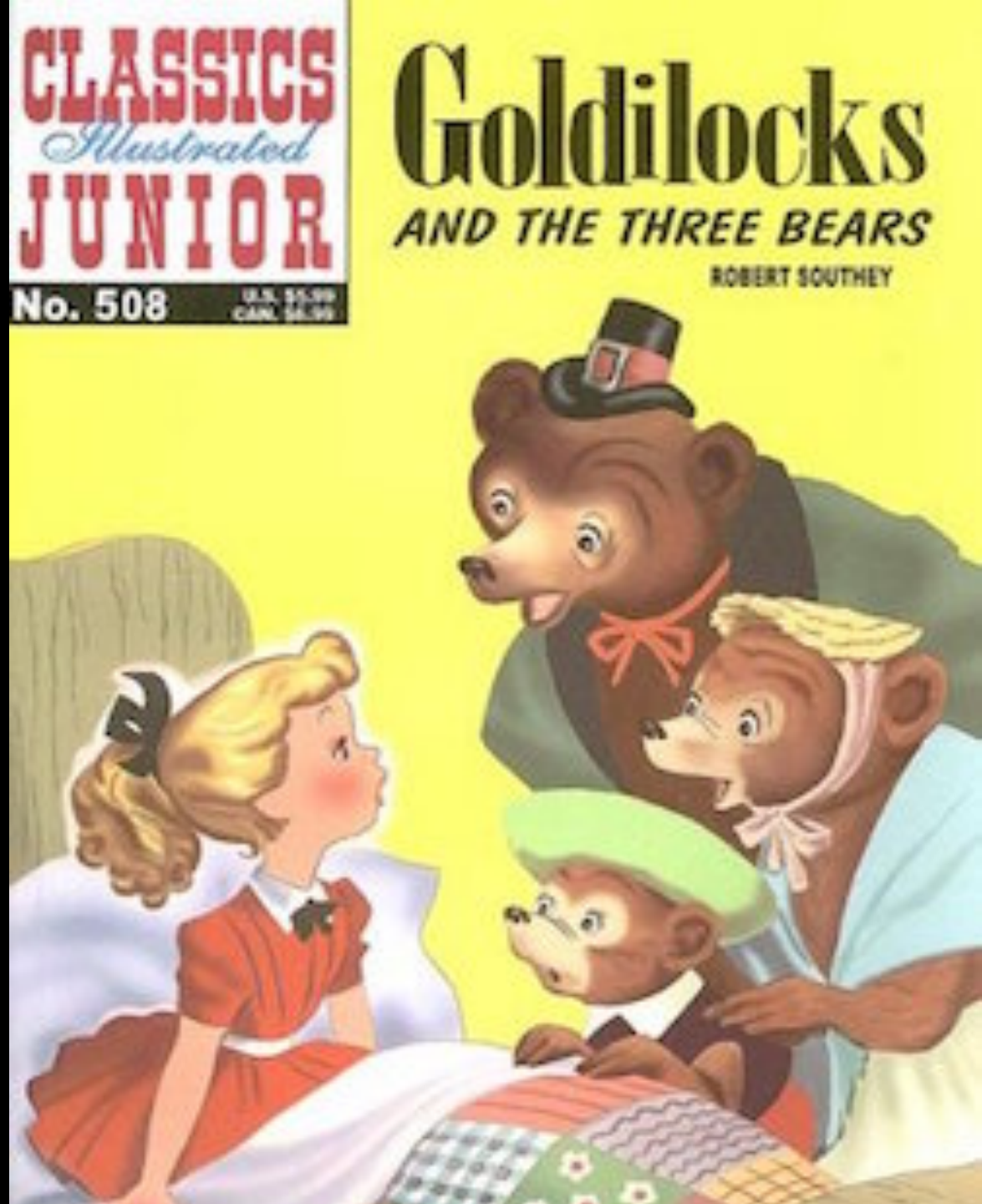
The foundation for security begins with the data



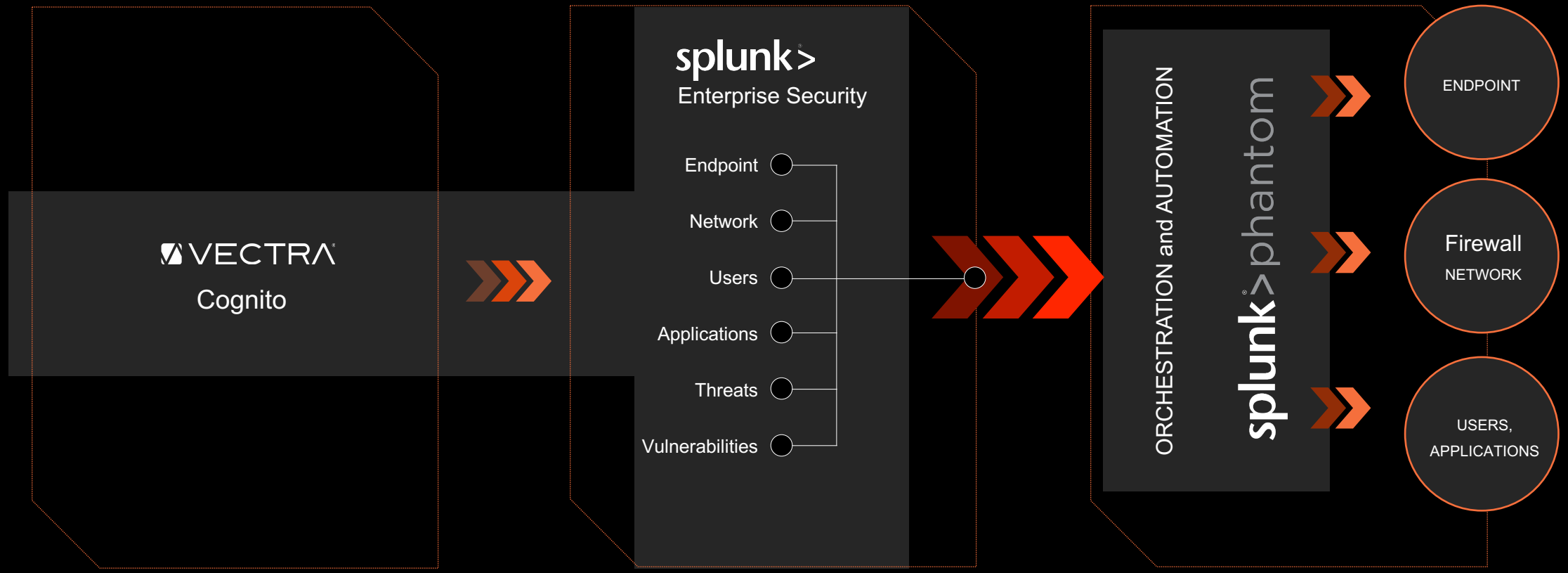
The data chasm

- Zeek network data
- 100X the richness of NetFlow
- 100X smaller than PCAP

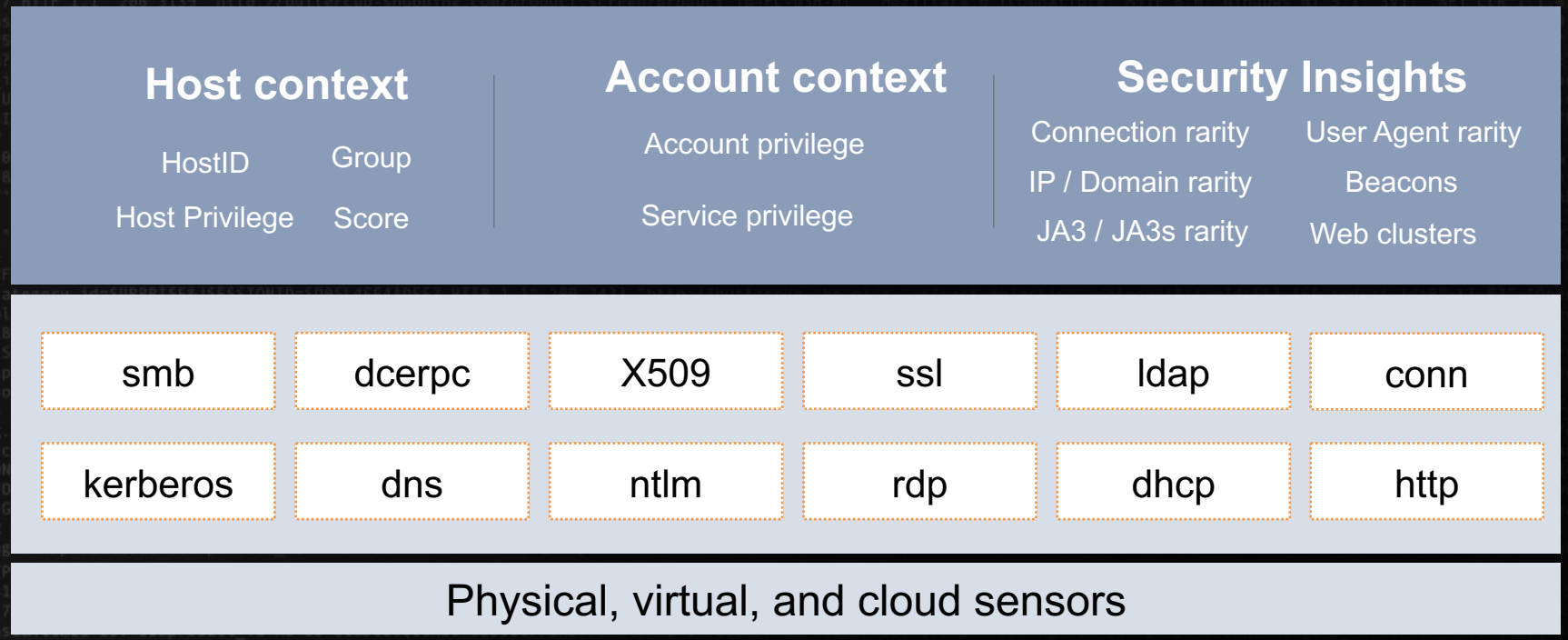
Scalability
Operational complexity
Data science

- Faster investigation
- Effective hunting
- Improved security posture
- Compliance

Empowering Splunk deployments



Unlock the potential of your security data



Security-targeted context

Record of what happened

Enriching your data

Security Research

Fundamental attacker behaviors sourced from securing the world's most sensitive assets

Data Science

Team of **PhD data scientists** who codify behaviors across unsupervised, supervised and deep learning models

"Is this a "privileged" host?"

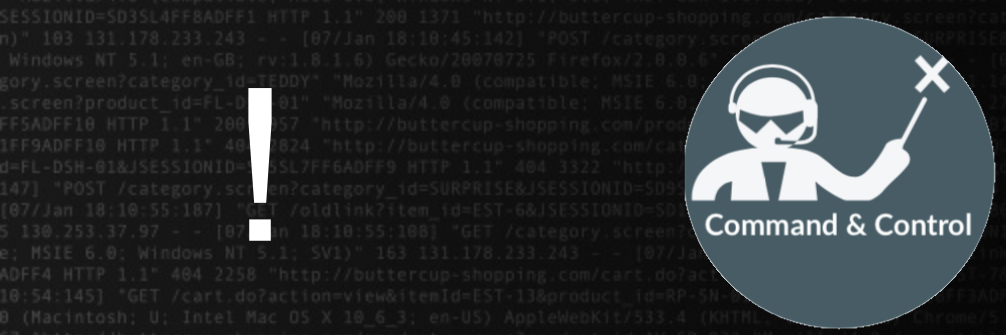
"Is this part of a larger infrastructure?"

"Is this accessing a privileged asset?"

"What's the Host ID (not IP address)?"

"Does the beacon have an unusual JA3?"

A simple example



Spear phishing email sent to several hosts

Escalate privilege
Extract local admin credentials

Stolen admin credentials also work on other hosts

Scan for file shares

Access domain controller
Copies files locally
Exfiltrate through C2

Cognito Stream

Cognito Detect

“What did the attacker target?”

“What is the scope and scale?”

“What do I prioritize?”

“Where did the attacker move?”

“Who else is communicating to the same C2 server?”

“What data was stolen and how?”

“Who is patient zero?”

The ultimate network detection and response platform

Cognito Stream

Send security-enriched metadata to data lakes and/or SIEM

Cognito Recall

Investigate and hunt in a cloud-based application

Cognito Detect

Detect and prioritize hidden threats at speed using AI

Cognito platform

- Cloud, user, datacenter
- Security-enriched
- Real time and historical
- Scalable architecture

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