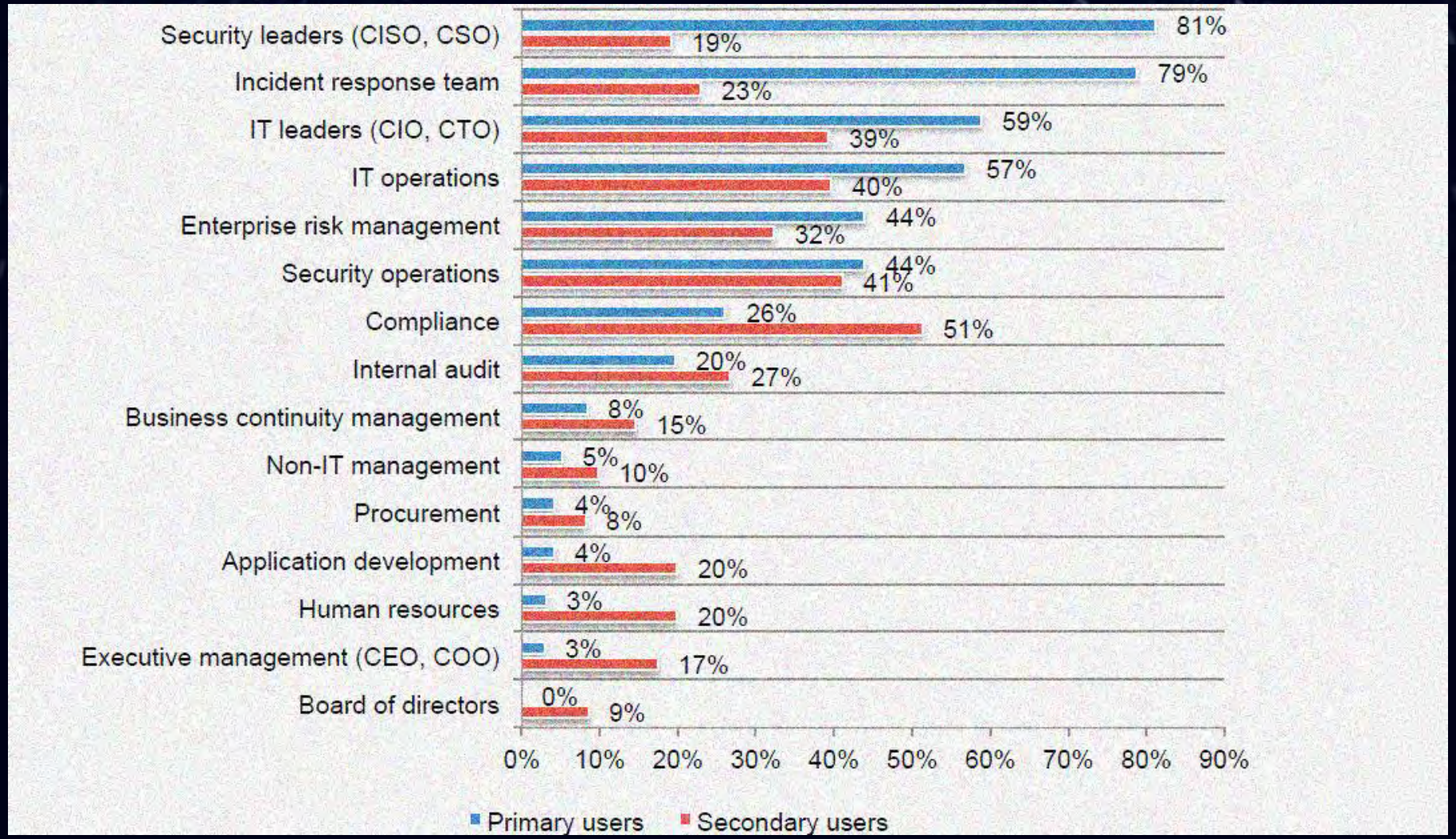
威胁情报的发展展望

金湘宇/NUKE

君源创投

首先从一些用户反馈的数据开始

谁在为威胁情报买单？



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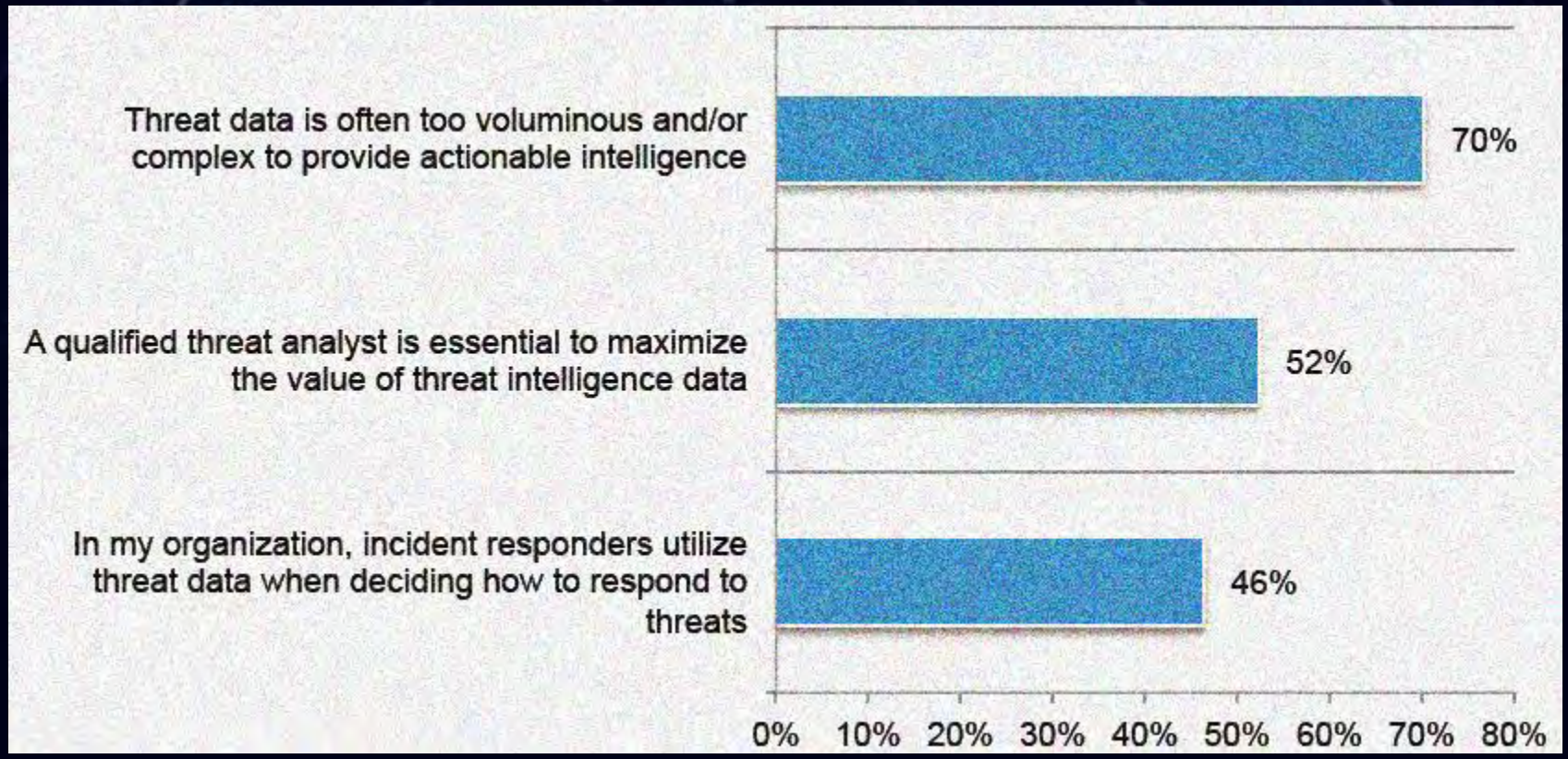
这玩意好用嘛?



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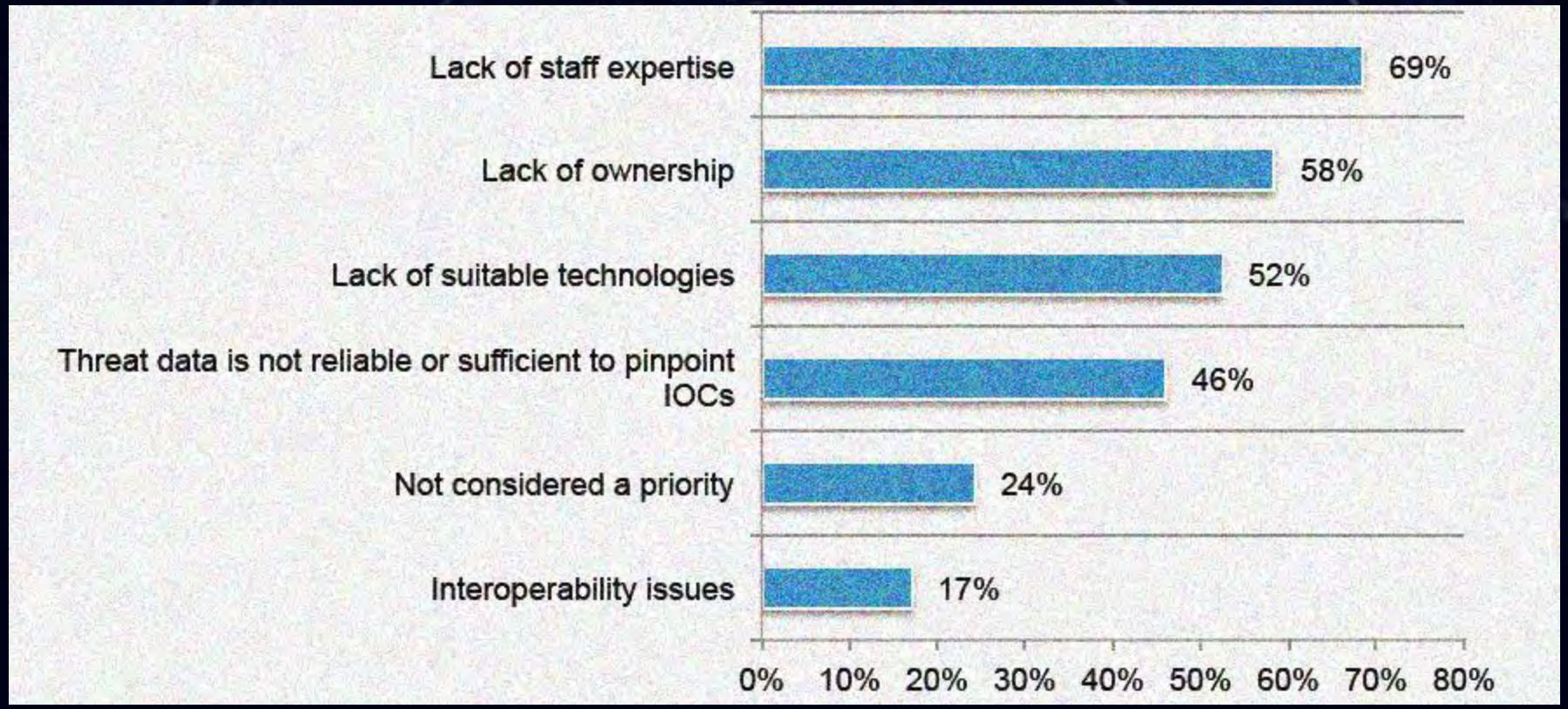
为啥觉得不好用?



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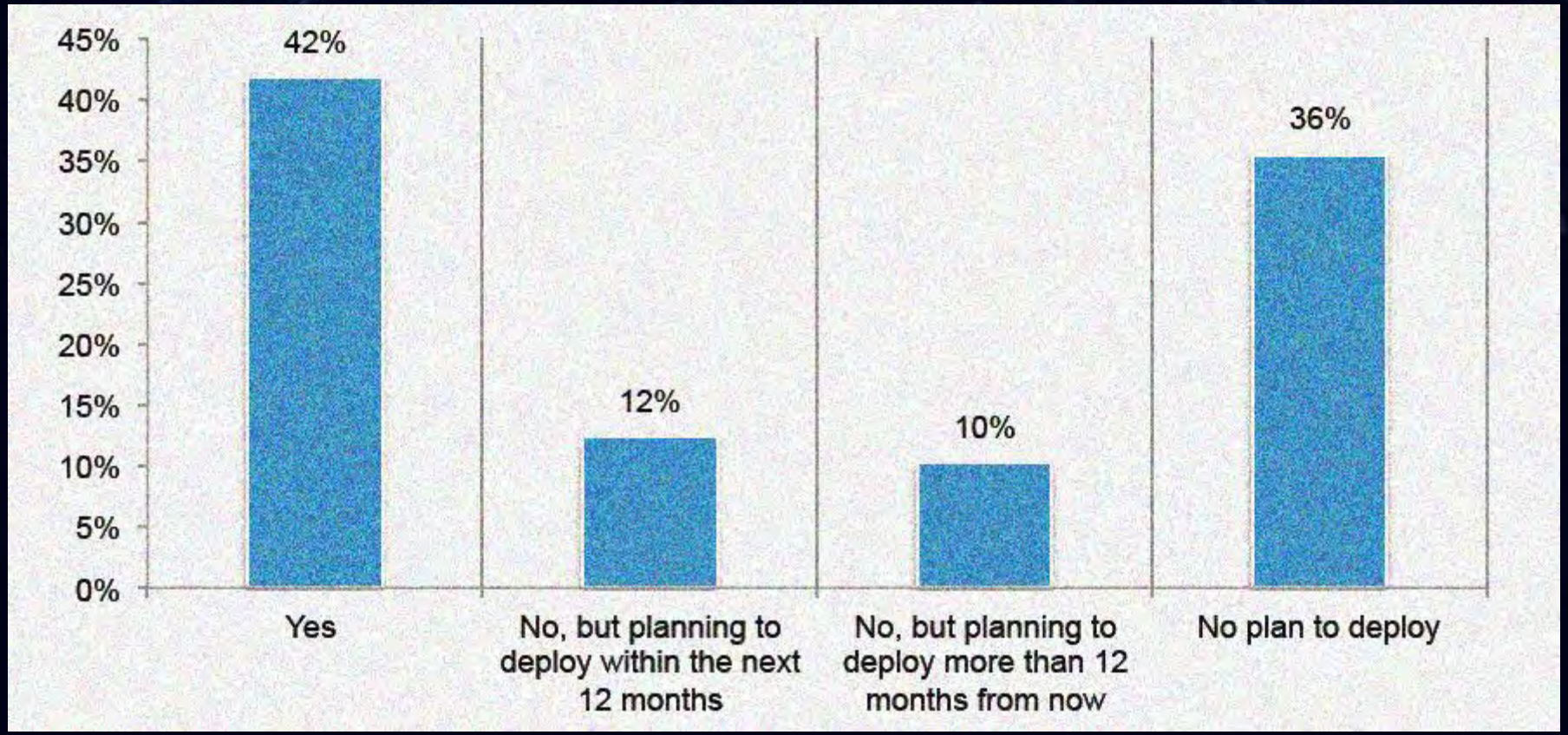
那你还打算用嘛?



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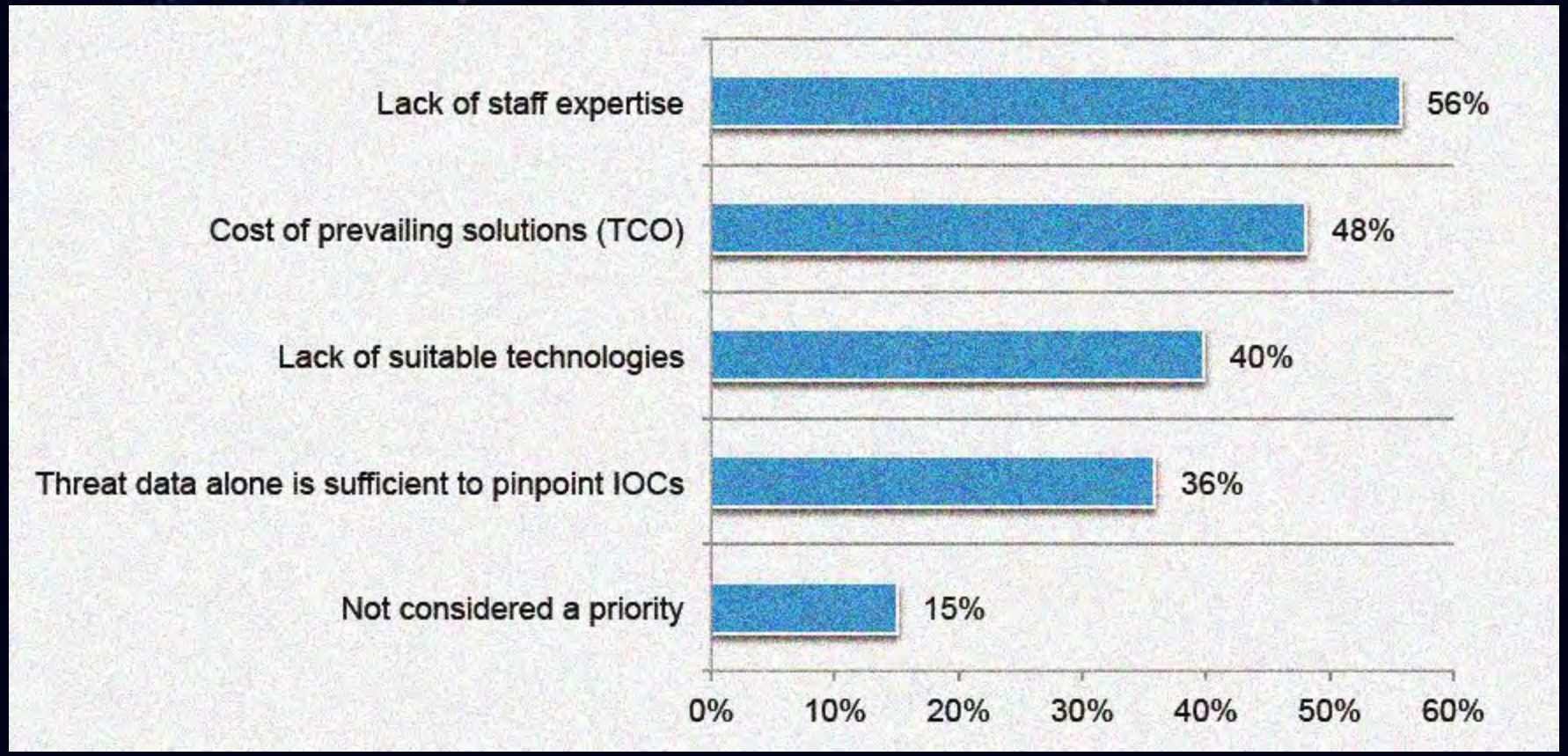
不打算用的，你为啥不用?



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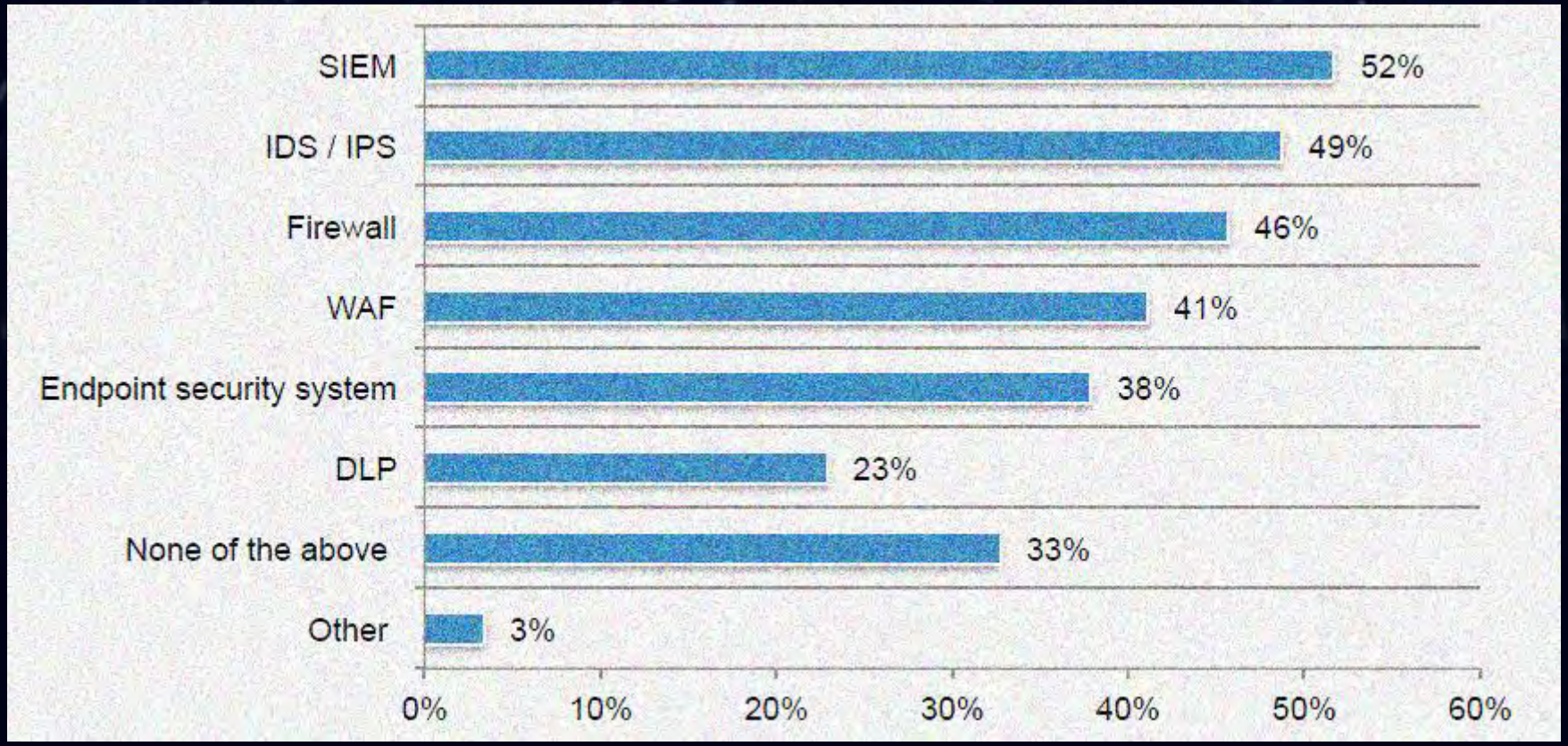
打算用的，你希望怎么用?



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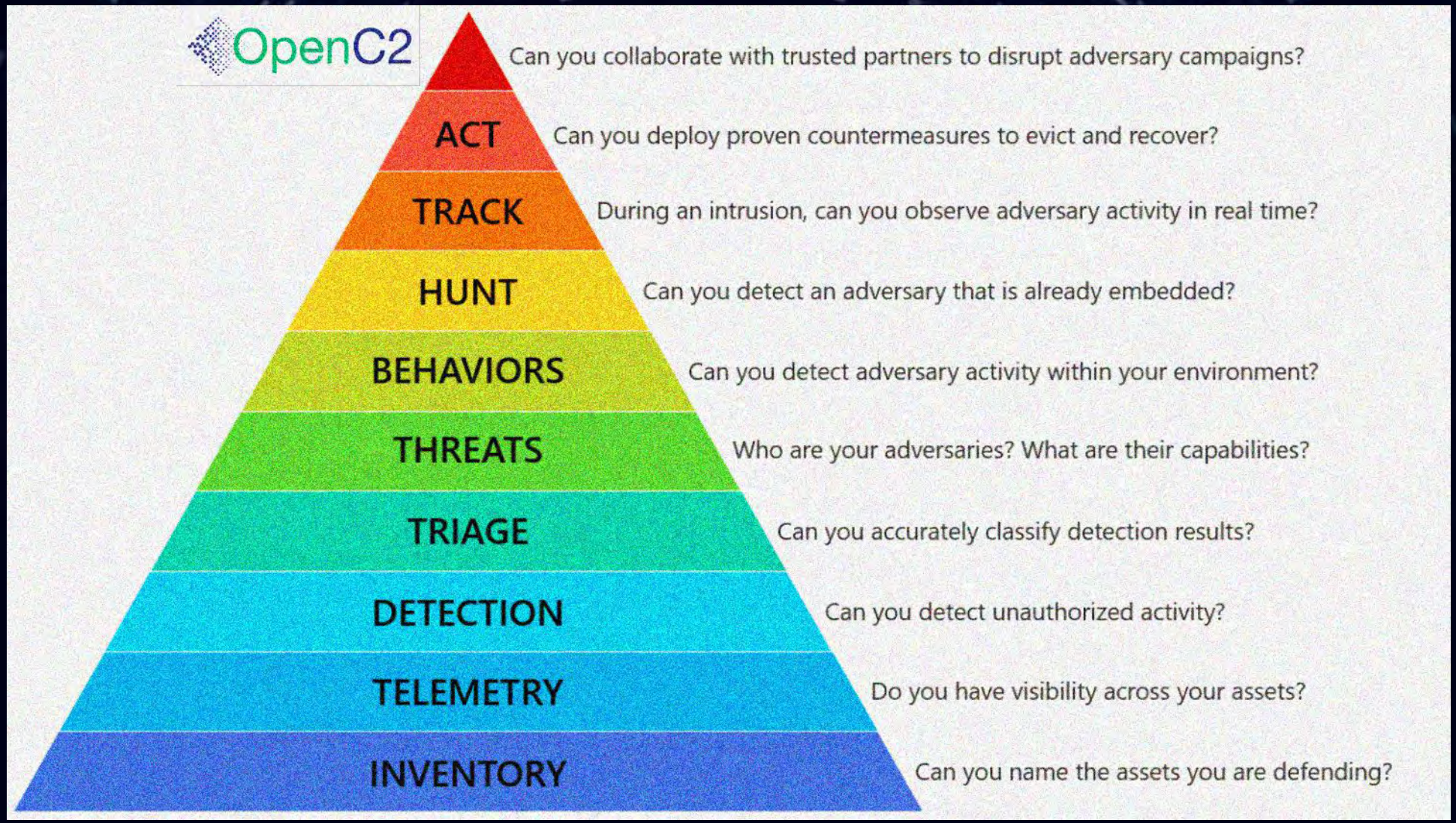
从战略到战术，情报交付的内容不断进化

人用？机用？

	通常	进阶
结构文档	漏洞通告，样本分析报告……	TTP分析报告，组织分析报告，COA……
界面交互	溯源交互，回溯展现……	设备互动、工作流……
FEED	C2/APT/钓鱼 域名/IP，扫描IP，DDoS IP、TOR Exit-Add、样本Hash……	Snort规则，YARA规则，SCAP/OVAL规则，PoC，工具Hash……
API	IP地理位置，Whois，PDNS，域名/IP/文件信誉，证书，端口/服务/组件……	样本行为分析，高级漏洞信息，人员信息，比特币信息，社工库，备案，舆情……

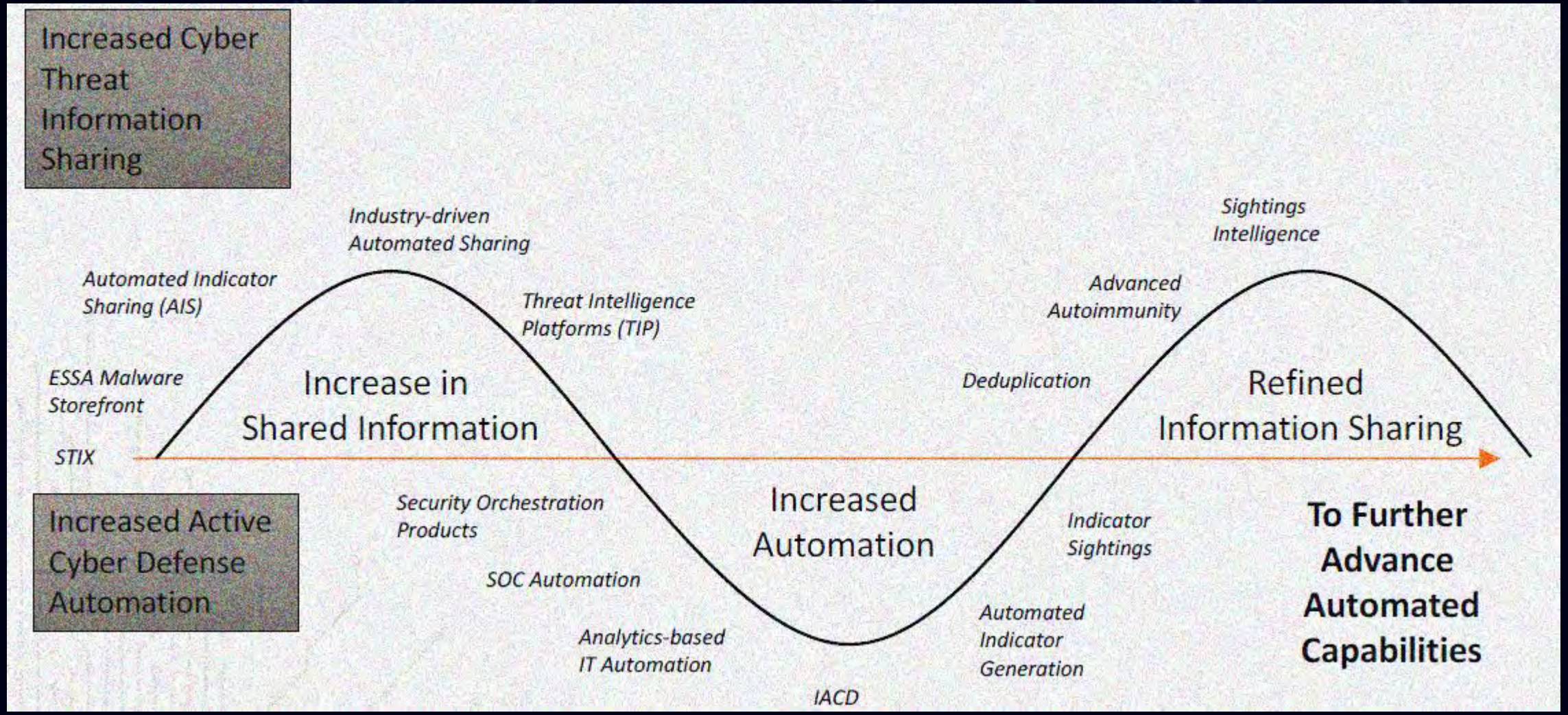
从发现到处置，有病也需要有药

Actionable ? Actionable ！



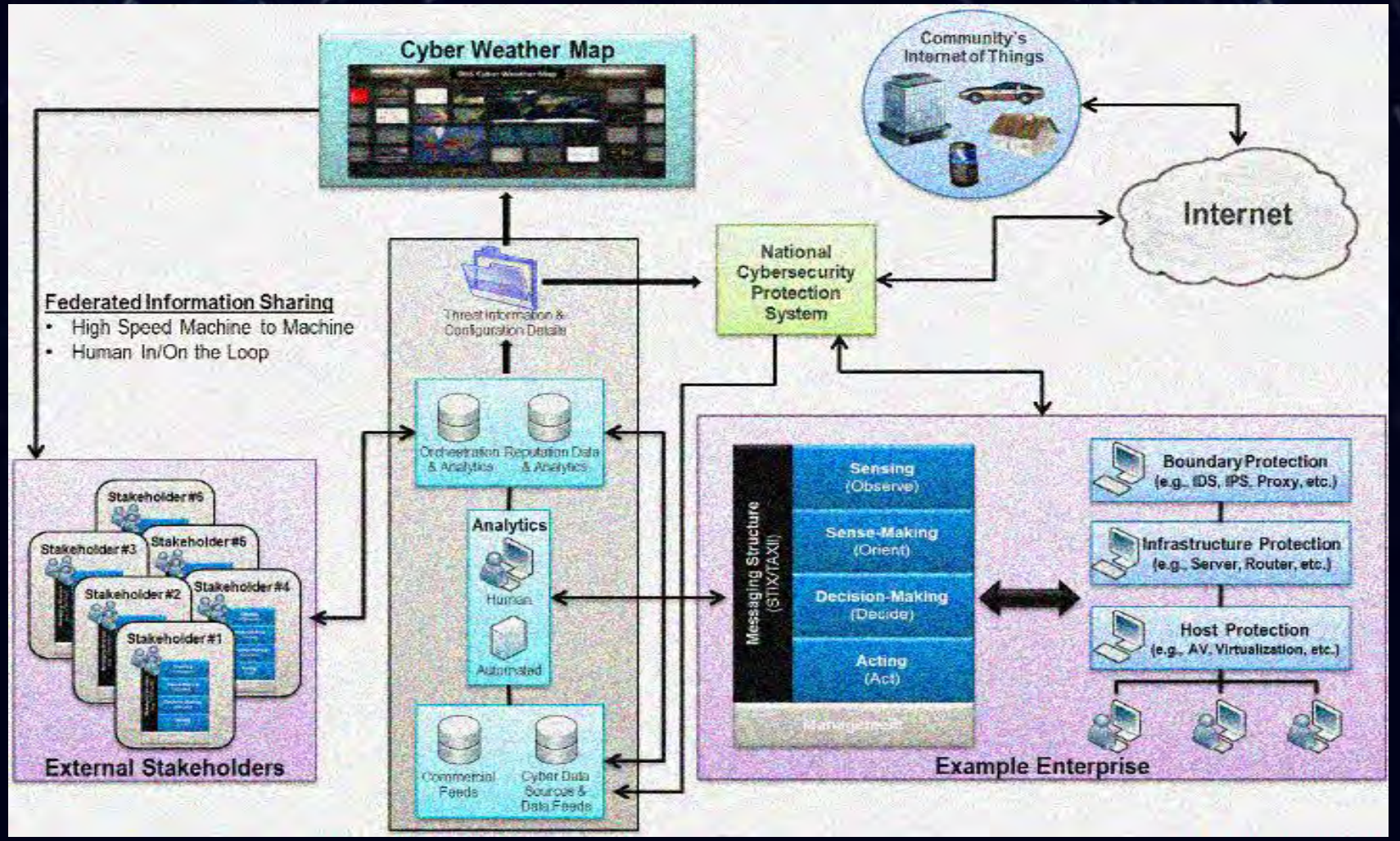
Source: Matt Swann @ Microsoft - https://github.com/swannman/ircapabilities

可执行，再次引发了威胁情报的进化



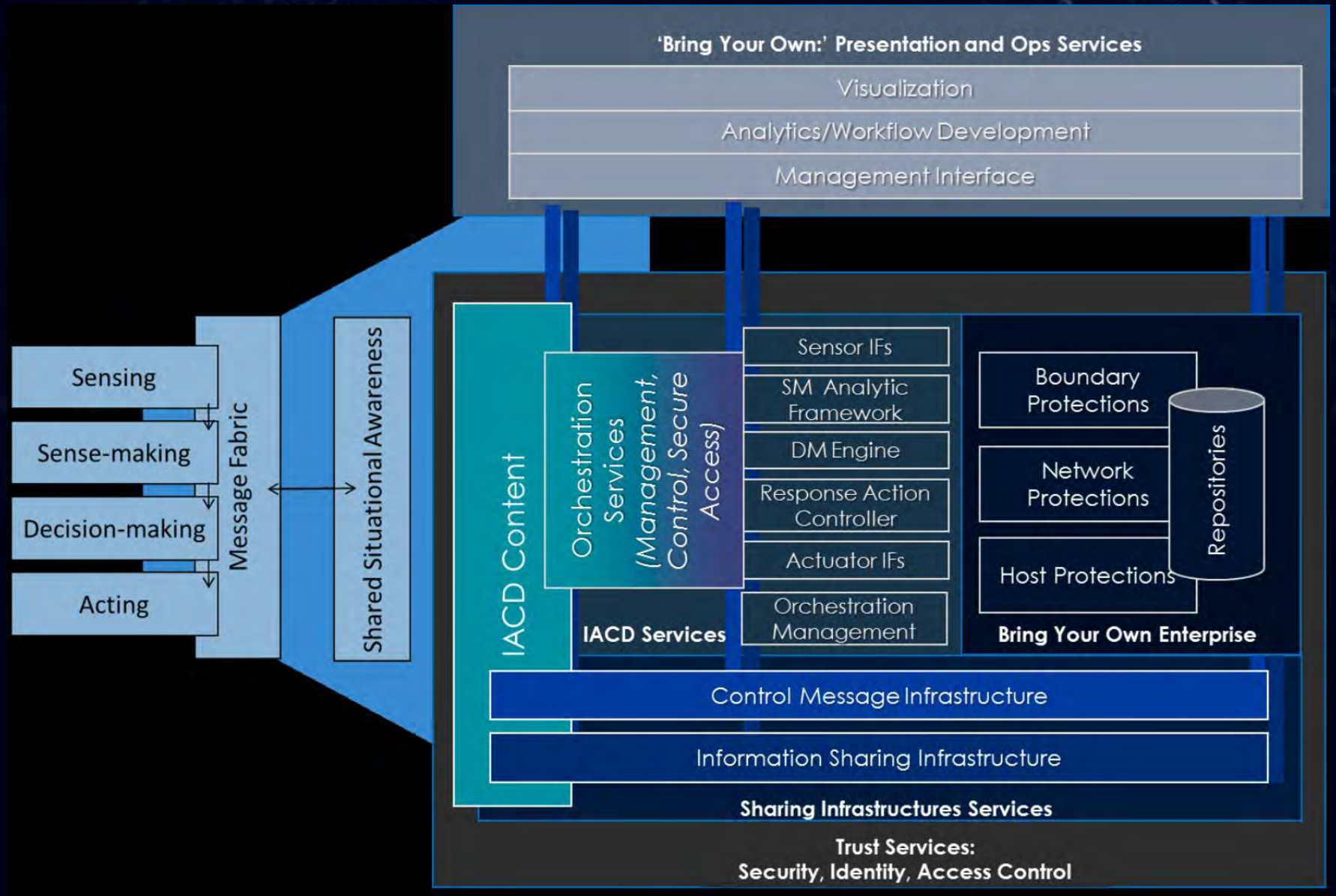
从情报到体系，未来就在前方

基于威胁情报技术构建安全和弹性网络生态

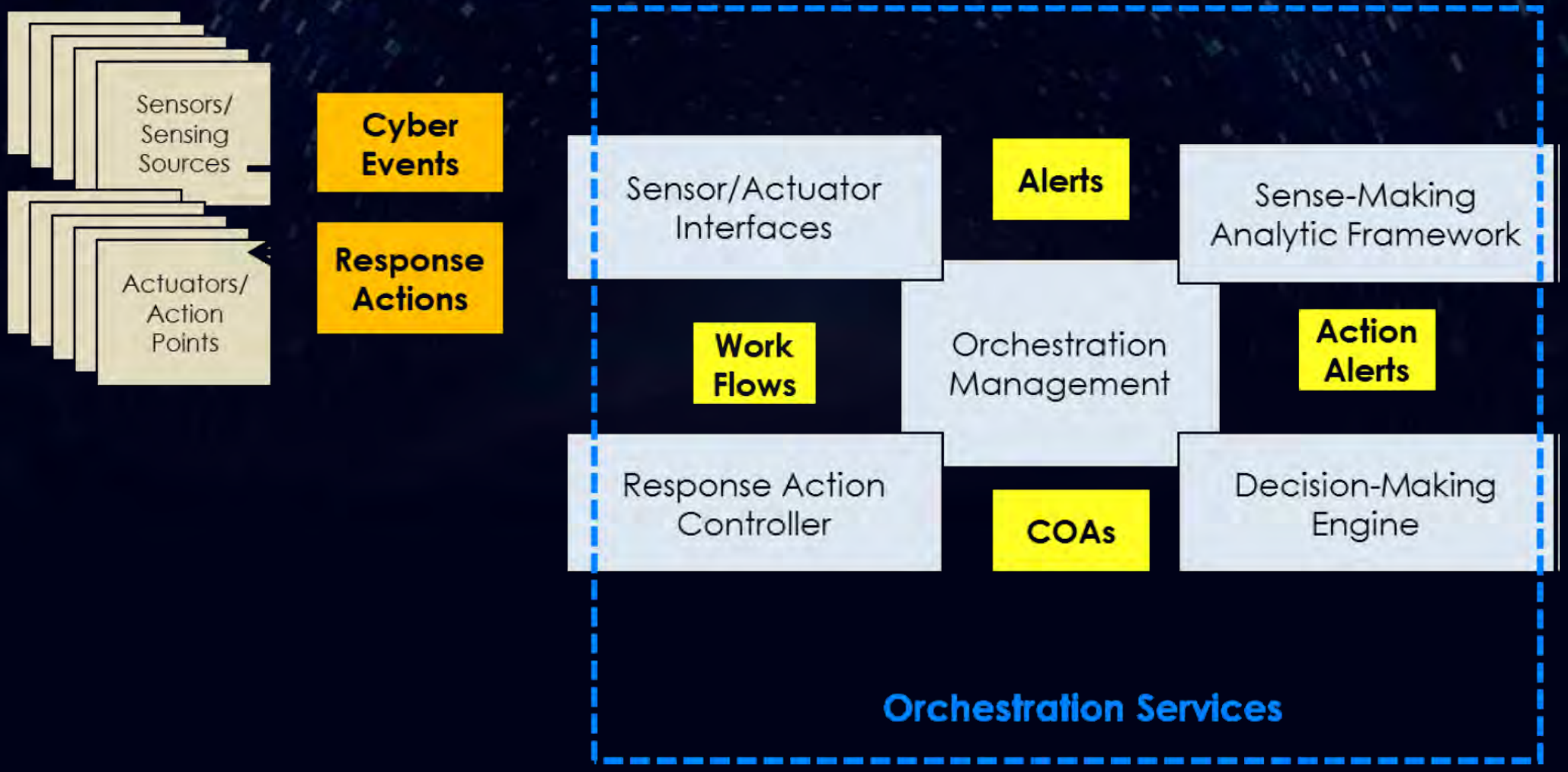


DHS Secure and Resilient Cyber Ecosystem Example Architecture

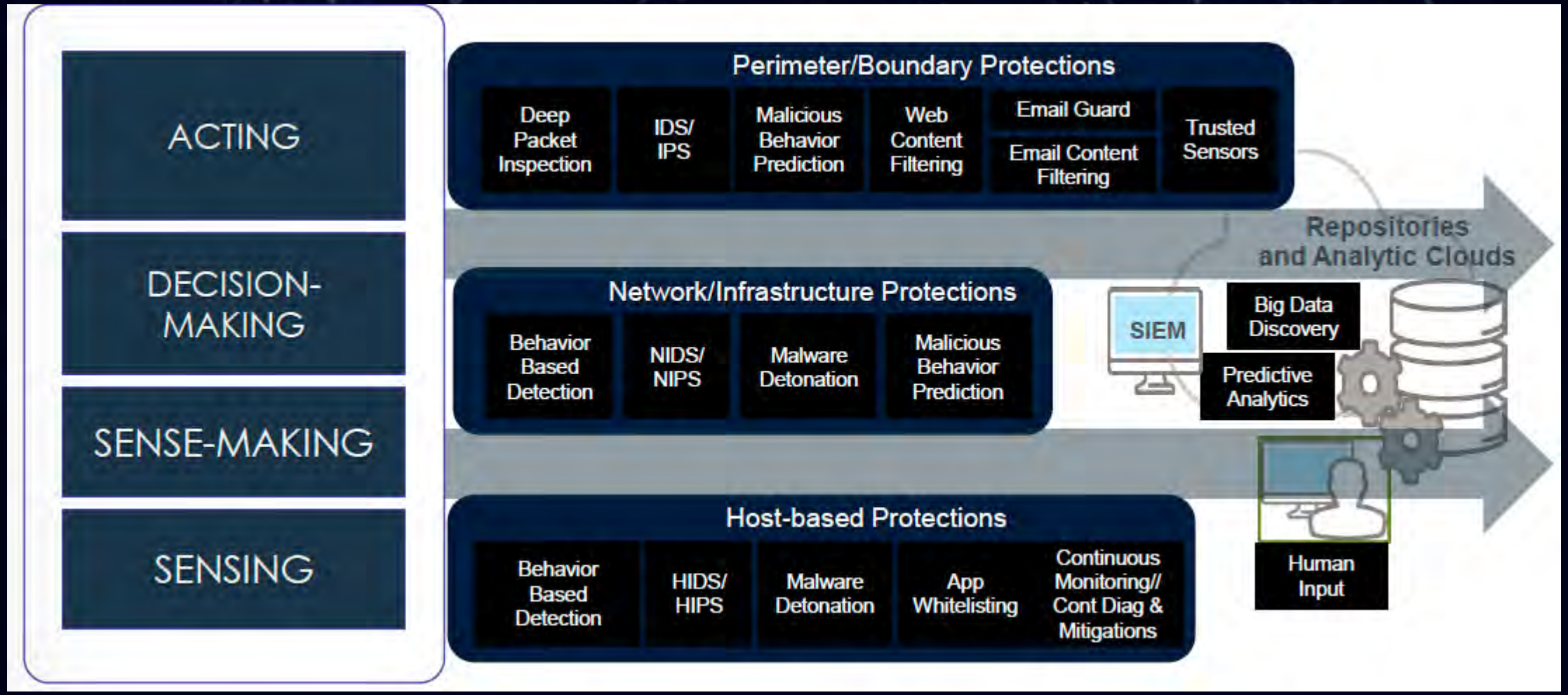
集成的自适应网络安全防护框架 IACD



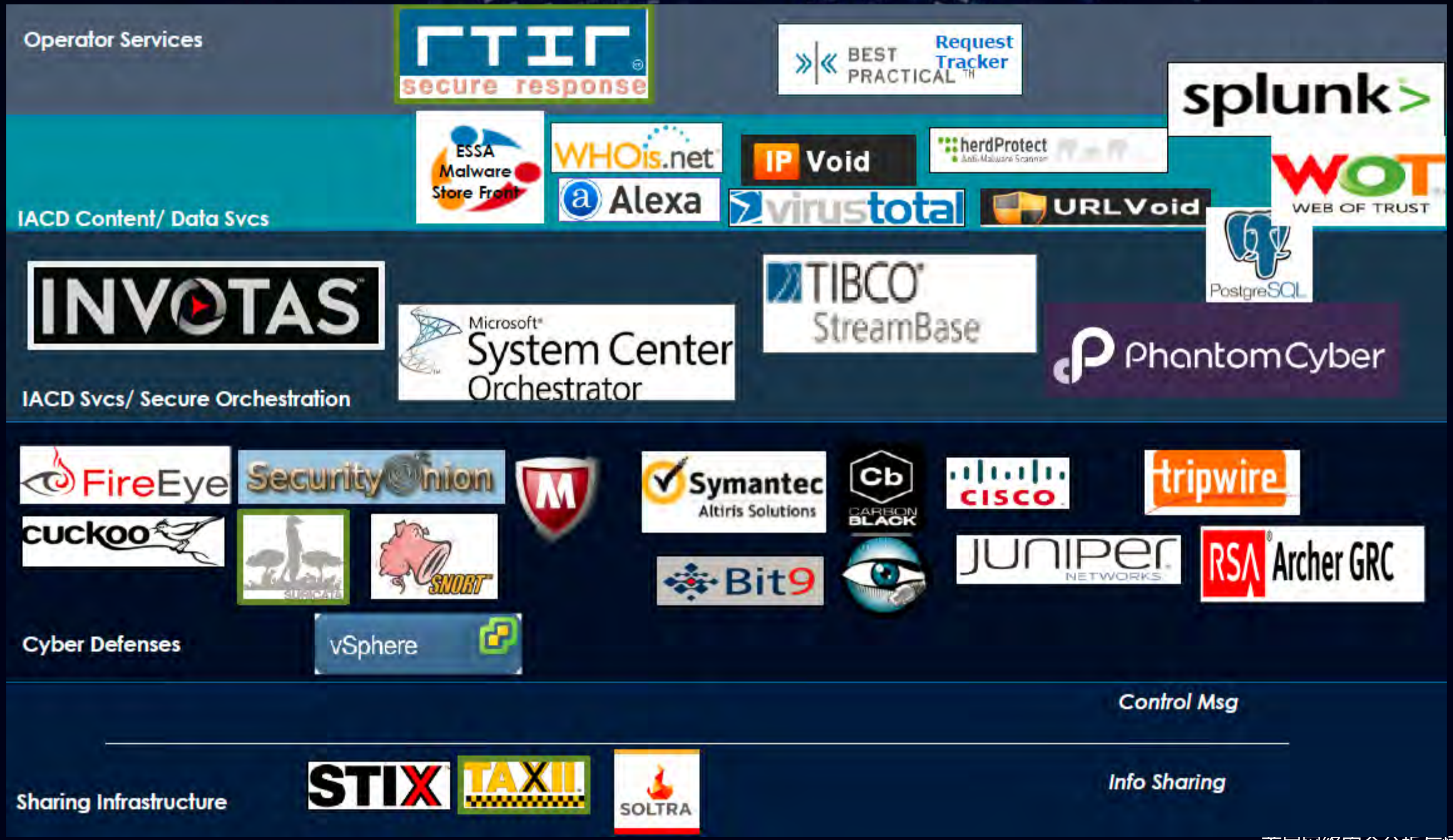
基于OODA的体系化自动化处置响应



进一步将促进整个安全防护体系的升级



Integrated Adaptive Cyber Defense (IACD)


Operator Services
RTIR secure response
BEST PRACTICAL Request Tracker
splunk>
IACD Content/ Data Svcs
ESSA Malware Store Front
WHOis.net
Alexa
IP Void
virustotal
herdProtect
URLVoid
WOT WEB OF TRUST
PostgreSQL
INVOTAS
IACD Svcs/ Secure Orchestration
Microsoft System Center Orchestrator
TIBCO StreamBase
PhantomCyber
FireEye
Security Onion
cuckoo
SNORT
Symantec Altiris Solutions
Cb CARBON BLACK
Bit9
cisco
tripwire
JUNIPER NETWORKS
RSA Archer GRC
Cyber Defenses
vSphere
Control Msg
Sharing Infrastructure
STIX
TAXII
SOLTRA
Info Sharing


谢谢！