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Threat Intelligence to the Rescue?

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Threat intelligence is flaming hot!!

ZERO DARK THIRTY

DOOMSDAY PREPPERS

Actionable intelligence!

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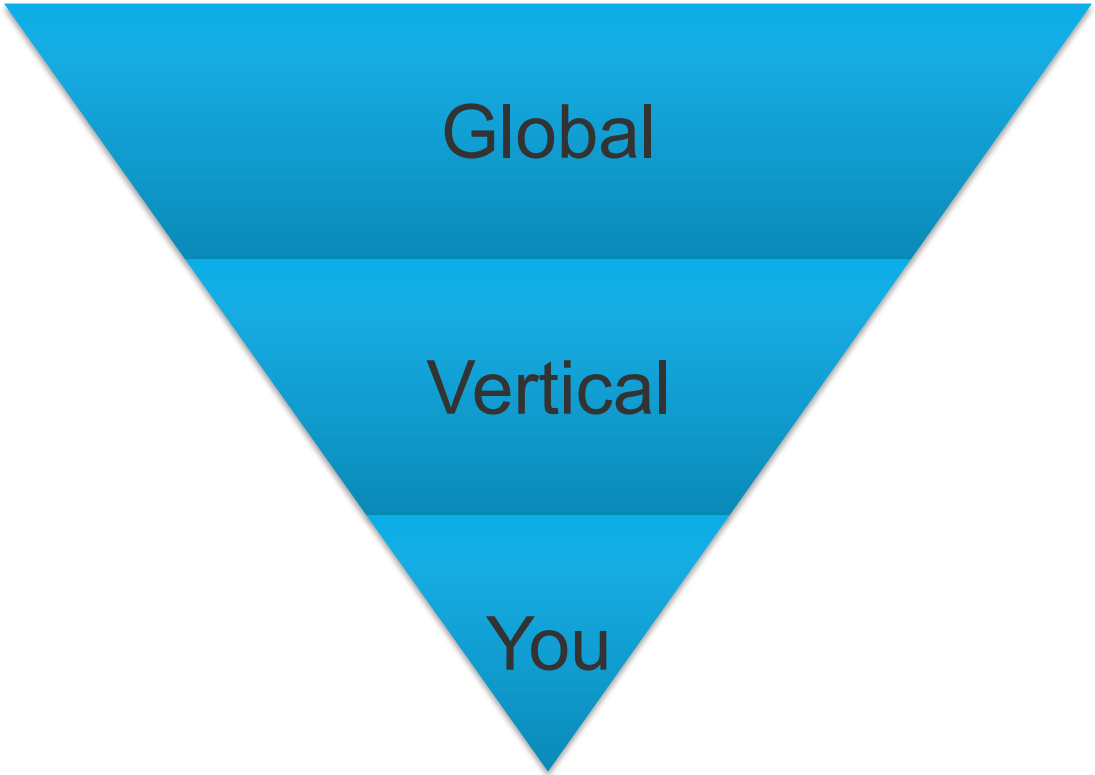
How relevant is the intel to your org?



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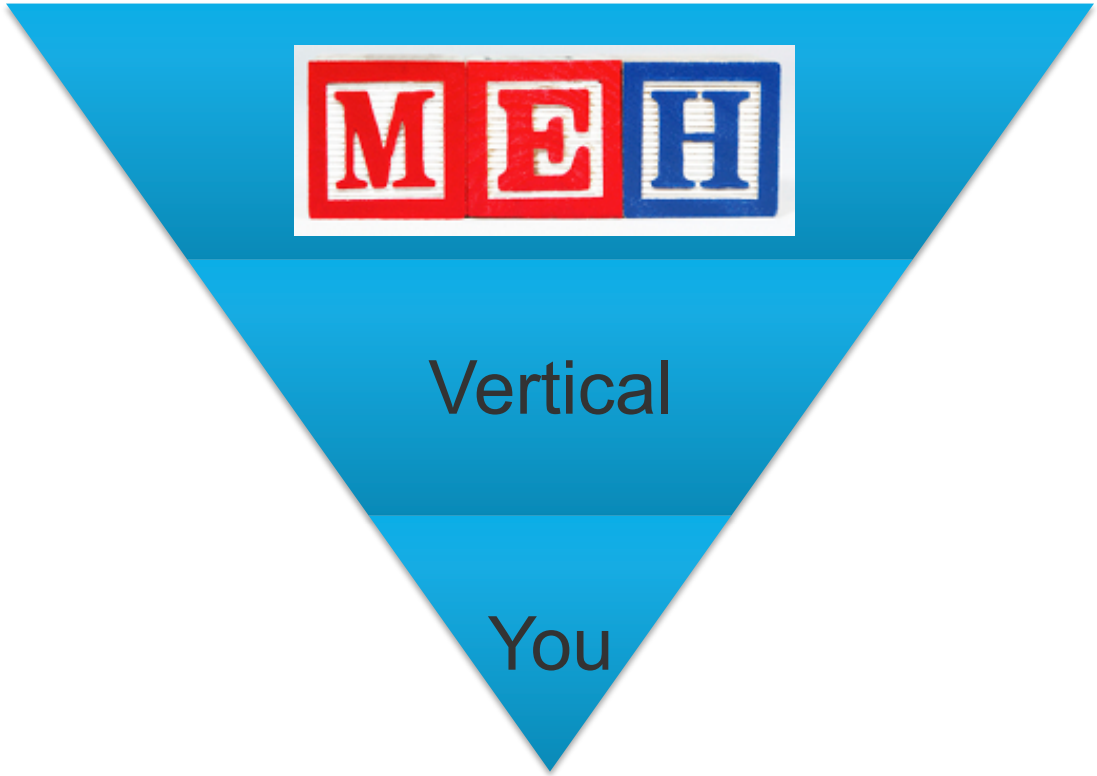

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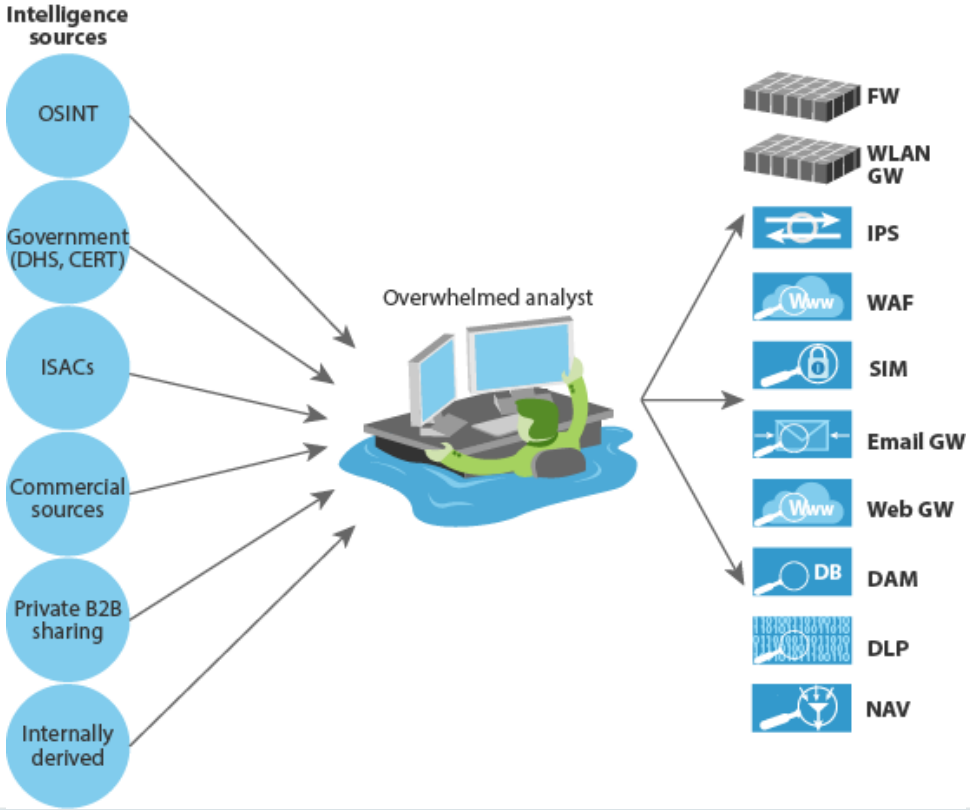
~~Intelligence~~ Alert driven security



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Targeted-Attack Hierarchy of Needs

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Strategic threat intel program

- CISOs want to invest in a strategic program, not in a bunch of feeds.
- What is a strategic TI program?
  - TI doesn't exist for the sake of intelligence; it serves a specific purpose.
  - TI should answer questions about the threat that informs business decisions.

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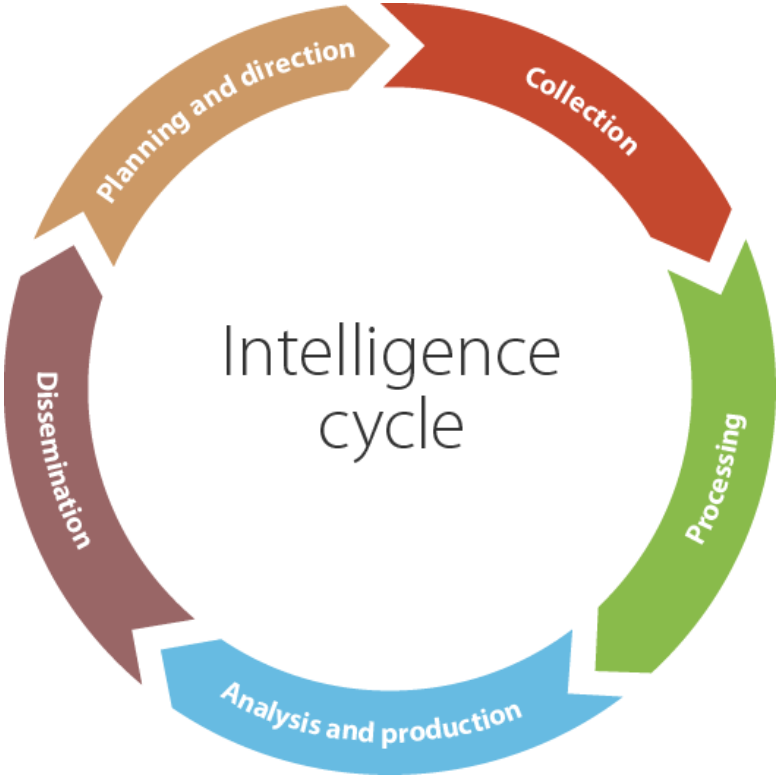
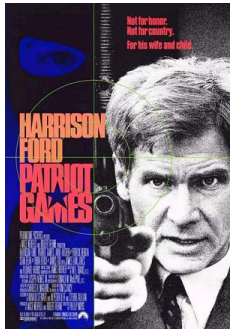
What are you trying
to protect?

What are adversaries targeting?

The Intelligence Cycle





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Planning and direction

Developing intelligence requirements	
Establish business relationships	Audit Committee, Business Operations, Risk Management, Legal, Compliance
Understand business success factors	• Build on relationships. • SEC Forms: Annual reports & 10-K • Google Alerts on your organization (e.g., press releases on significant initiatives)
How would an adversary thwart these success factors?	Threat model against the highest priority risks.

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You don’t want to have to meet with the Bobs

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Demonstrate value

- Use TI to show wins. How has the TI program reduced/mitigated risk?
- Measure time to detection/ containment/remediation improvements as a result of TI program.
- Measure “headlines avoided.”

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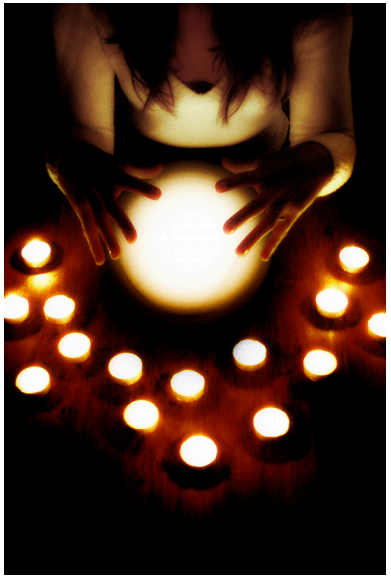
Looking ahead

- Commercial offerings are emerging and will mature.
- Sharing will increase; DHS & MITRE enabling this.
- Most orgs will rely upon vendors; don’t have the resources.



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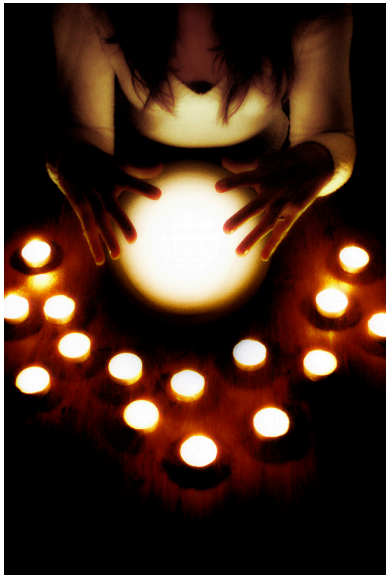
Looking ahead

- As enterprises mature their intelligence programs, the adversaries will:
  - Improve their Operational Security (OPSEC)
  - Increase the use of counter-intelligence tactics (e.g., false flags.)



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Best definition of APT

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Thank you

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