
How to Turn Your Security Operations Center Into a
THREAT HUNTING "TOUR DE FORCE"
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Meet the Presenter

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What We'll Cover

- Define and scope team directive
- People, process, and technology
- Building a new team vs extending/converting an existing team
- Overcoming the unique challenges of managing a threat hunting team

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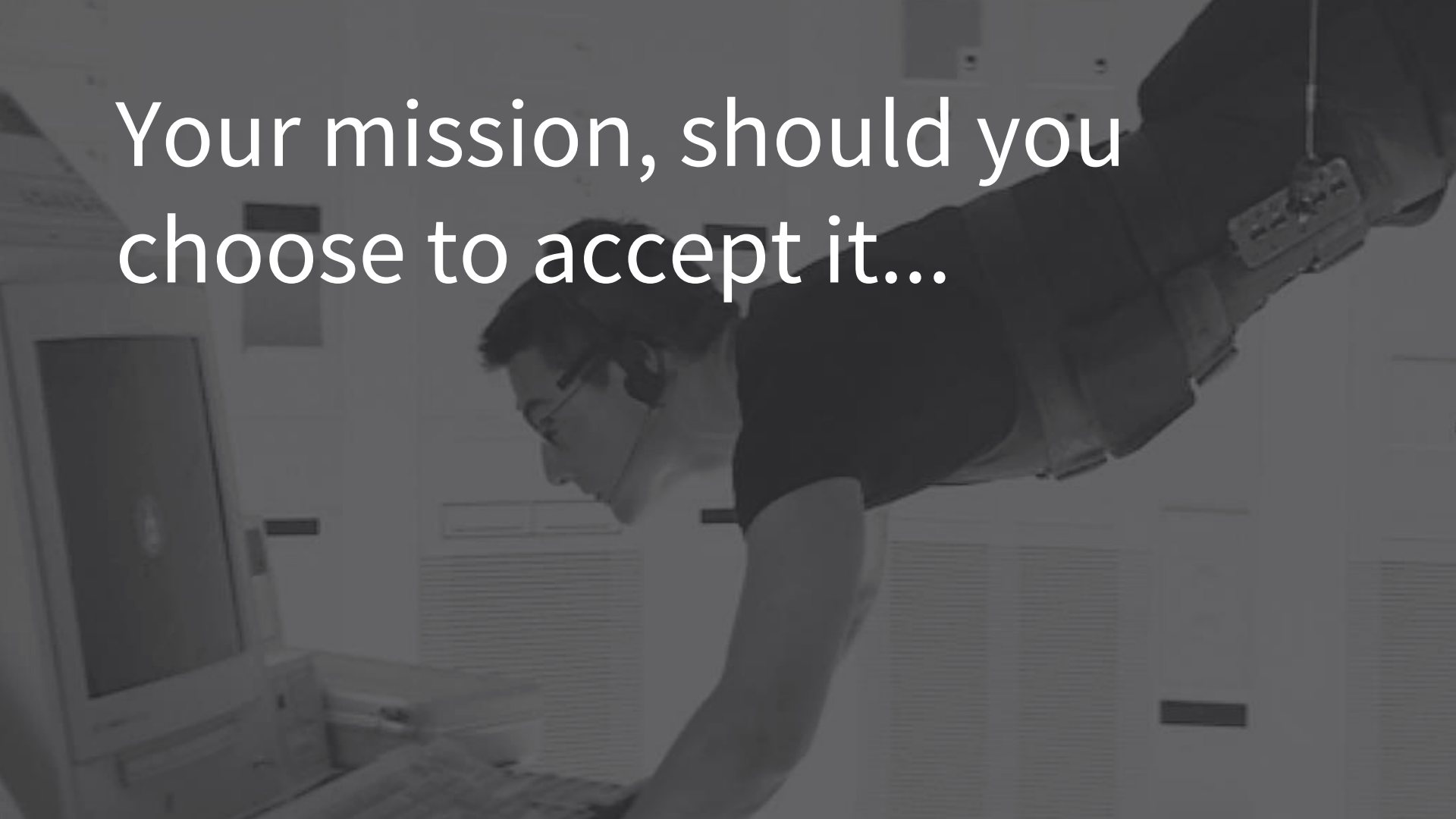
Your mission, should you
choose to accept it...

Define Directives

- Organization risk and threat profile
- Strategic intelligence
- Specific attack type, technique, or actor
- MITRE ATT&CK™
- Kill Chain
- Focus on choke points created via preventive controls
- Validate controls, visibility & viability of detection concepts

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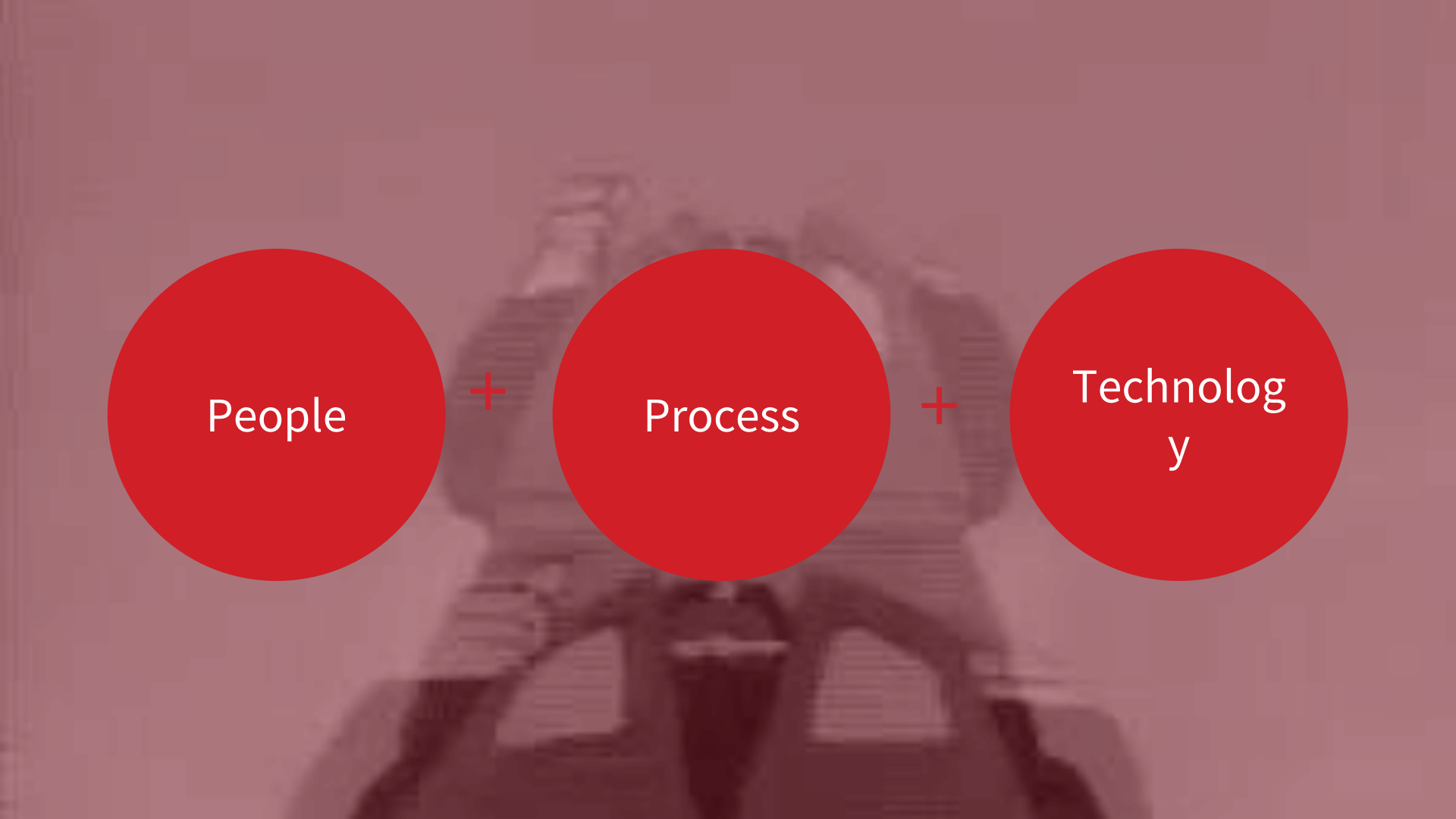
People
+
Process
+
Technolog
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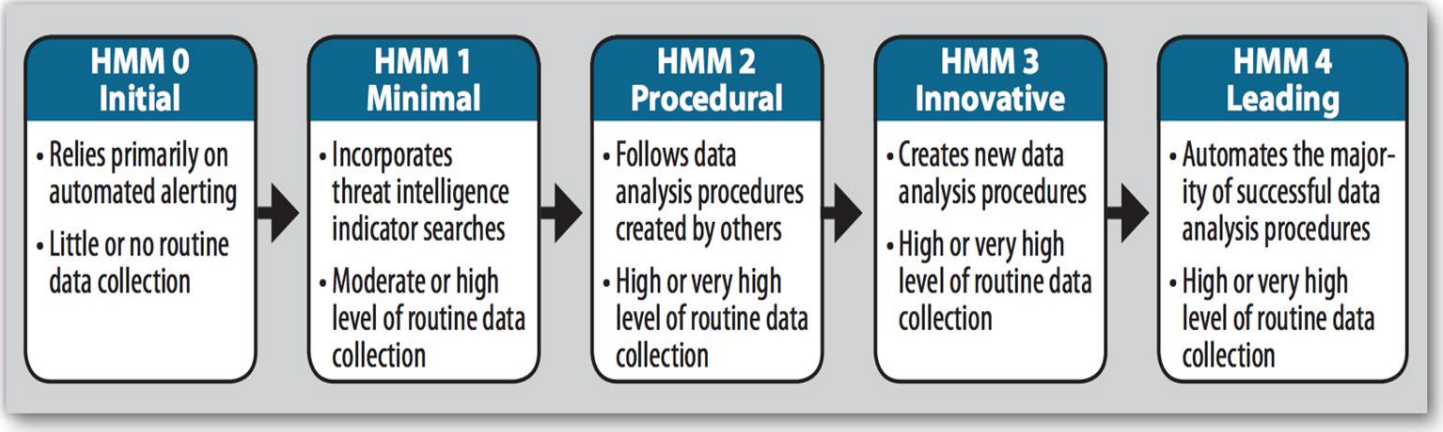
Threat Hunting Maturity Model



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Aspects of Technology

Visibility

- Sources that match mission
- Retention
- Accessibility
- Level of effort

Analysis

- Correlation
- Analytics
- Feedback
  - Suppression
  - Automation

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proc·ess

noun

1. a series of actions or steps taken in order to achieve a particular end


It Takes a Team
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> “...threat hunters must be dedicated to actively pursuing adversaries. These defenders add the most value when they are fixated on true threats and not restricted to responding to alerts or network maintenance issues such as patching vulnerabilities.”

The Who, What, Where, When, Why and How of Effective Threat Hunting
SANS Whitepaper, Robert M. Lee and Rob Lee

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Threat Hunters Assemble:

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Herding Cats Who Chase Squirrels

The Right Balance

- Balance various candidate aspects and skills
- Maintain focus and still be creative
- Keep the org flat
- Give everyone the opportunity to contribute to all the things
- Consider practices model to encourage leaders among equals

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Variety in Hires

- Identify candidates that fill a niche or skill gap
- Multiple levels of experience
- Different career goals and growth interests

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Operational Practices

- Areas of focus that improve operations
- Opportunities for growth — laterally
- Practice leads are responsible for direction and accountability

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How This Looks in Practice

- Detection Engineer vs SOC Analyst
- Balance Toiling
- Practices
  - Intel
  - Engineering
  - Detection
  - Analysis

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Q & A

Threat Hunting Resources:
redcanary.com/threat-hunting

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