

Building Relationships for Better Security

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Intro



covermymeds®

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Please don't hold questions to the end.
Discussion is encouraged.

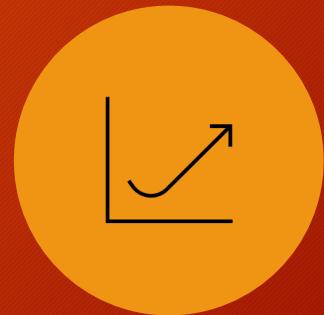
Overview



THE PROBLEM



THE BETTER WAY



HOW THIS
CHANGES THINGS

What's the Problem?



Engineering Team Stressors



Engineers

Learner



Life

Default



Builder



Pusher



Security Team Stressors



Security



Risk



Incidents



Compliance



Worry



Paranoia

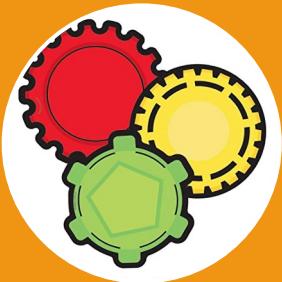
Product Stressors



Product



Profits



Resources



Future



Risk
Owners



Value

All The Stressors Together ➔ FRICTION



The Better Way



Culture



Engineering



Security



Product

Level Set

What is Corporate Culture?

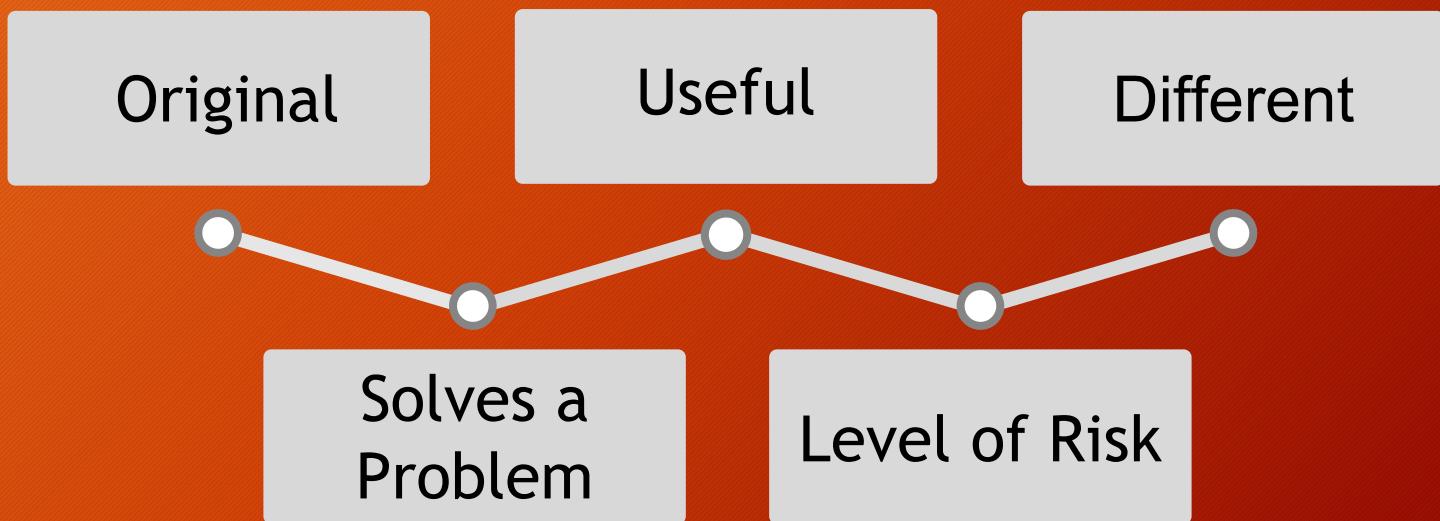
“Corporate culture refers to the values, beliefs, and behaviors that determine how a company's employees and management interact, perform, and handle business transactions.

Often, corporate culture is implied, not expressly defined, and develops organically over time from the cumulative traits of the people that the company hires.”

Level Set

What is Innovation?

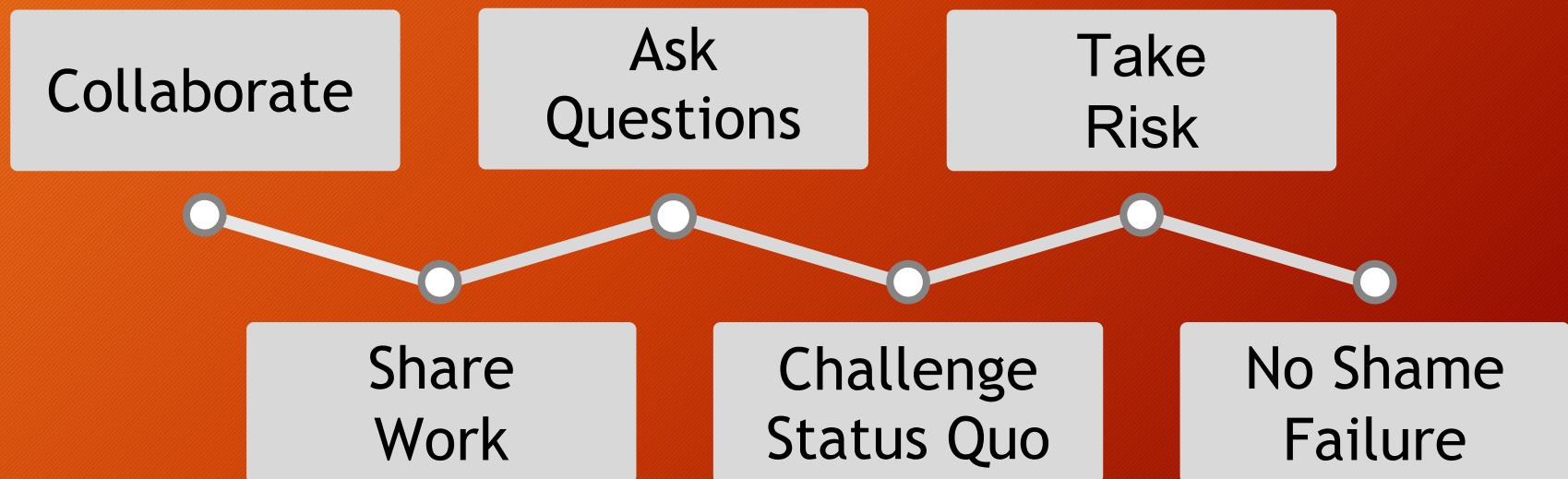
The defining factor is **NOT** whether an idea is the first of its kind or whether it'll have an impact on all of humanity.



Level Set

What is Culture of Innovation?

“A belief that innovation is everyone’s job - from the CEO to the intern who started last week.”



Level Set

What is Culture of Security?

“The ideas, customs, and social behaviors of a group that influence its security”



Attitudes



Behaviors



Cognition



Discussion



Personal

Security Culture Drivers



Community of Practice

- Inclusive
- Interesting
- Foundational



Security Working Group

- Collaborative
- Educational
- Productive



Training

- Appropriate
- Timely
- Useful



Relationships

- One on One
- Small Groups
- Prioritize Builders

Secure Culture Involves Everyone

Reach Out



Right Tools



Reward



Acknowledge



Hire with
Innovation and
Security Mindset



Participate

Advocacy,
Empathy,
and
Communication

Engineering

Security

Product



Empathy, Advocacy & Awareness

Empathize

The ability to understand and share the feelings of another

Advocate

The act or process of supporting a cause or proposal

Be Aware

We need to empathize with and advocate for each other

Communication Rules

- State your problem and interests. Acknowledge others' problems and interests.
- Stay on Topic
- Stay out of the past. Be in the Present and the Future.
- Look For Things to Agree On

Communication Rules

- Ask “Why?”, “Why Not?”, “What If?”
- Use Eye Contact
- Show Interest in What is Being Said
- Listen to Understand

Leadership and Negotiation



Engineering



Security



Product



Step Up



One Team



Be Real



Talk About It



Just Do It

Leadership

Negotiation



Find a Way to Say YES Together



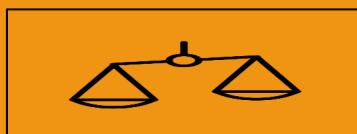
Escalate With, Not Against



Trust That Everyone's Reasons Are Valid

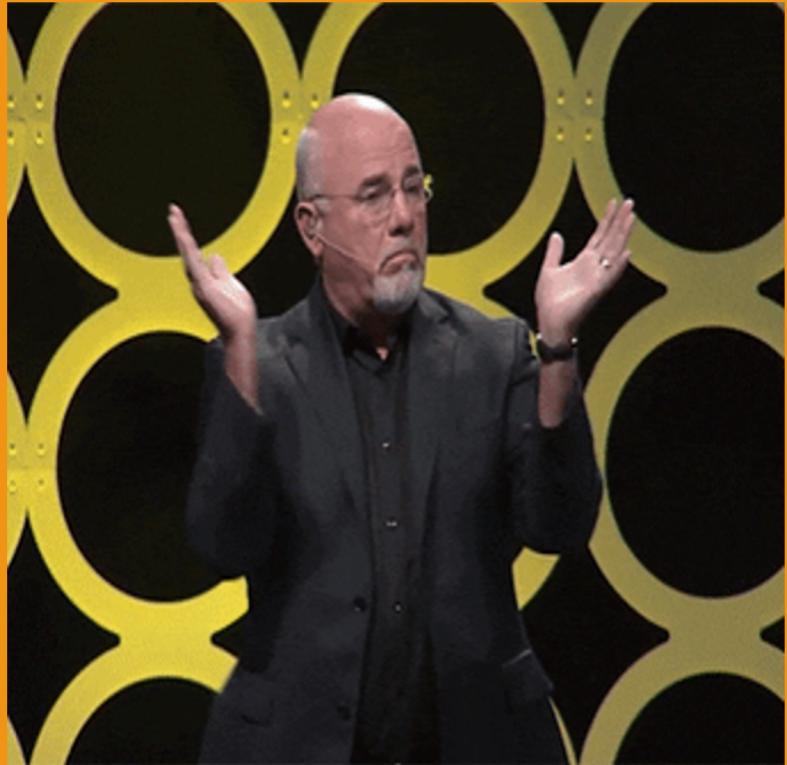


Offer Solutions Instead of Problems



Recognize Trade Offs

How This Changes Things



Better Relationships -> Better Everything



Better Culture

Better Comms

More Empathy

More Advocacy

Better Awareness

More Leadership

Better Negotiation



Better Security

Questions?



Resources Used In Developing This Talk

- Six Ways Security Teams Can Build Better Relationships with Engineering by Shirish Padalkar
- How to Unleash the Power of An Effective Engineering Security Team by Robert Wood
- How to Strengthen Relationships Between Security and Engineering, Cobalt.io
- Guidance for Improving the Security Architecture/Engineering Relationship by IANS Faculty
- Corporate Culture Definition, Characteristics, and Importance by Evan Tarvar

Resources Used Continued

- Good Communication Can Help Solve Problems by Mary Holz-Clause
- How to Build a Security Mindset in a Engineering Organization by Kevin Rollinson
- DevSecOps: The Competitive Advantage of a Unified Team, VMWare
- What Does A Culture of Innovation Really Look Like? by Dominic Price
- Security Culture: What It Is and Why It's Important, KnowBe4
- Google Images, Giphy.com