Changing Behavior through Risk Management

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I really like talking to people from every industry about their challenges implementing their Governance, Risk, Compliance (GRC) programs. **It also keeps me up at night!**

- GRC Implementation
- Cyber Risk Management
- Cybersecurity Instruction
- Cyber Policy Guidance

Risk Management What?

- Risk Management Approach to Cybersecurity
  - Persistent Threats
- Risk Management Approach to Computer Security Training
  - Persistent Threats
- Transferring Benefits
- Transferring Principles
- Instructional Context
- Do It Yourself- Risk-focused Design and Implementation
- Closing Thoughts

NIST SP 800-37, Risk Management Framework

- Accreditation for Systems
- 6 Step Process
- Output: Security Authorization Package

- ✓Focus resources to greatest risks
- ✓Differentiated Approach
- ✓Track Risks & Remediation

http://under30ceo.com/wp-content/uploads/2013/09/BOYD-the-risk.jpg

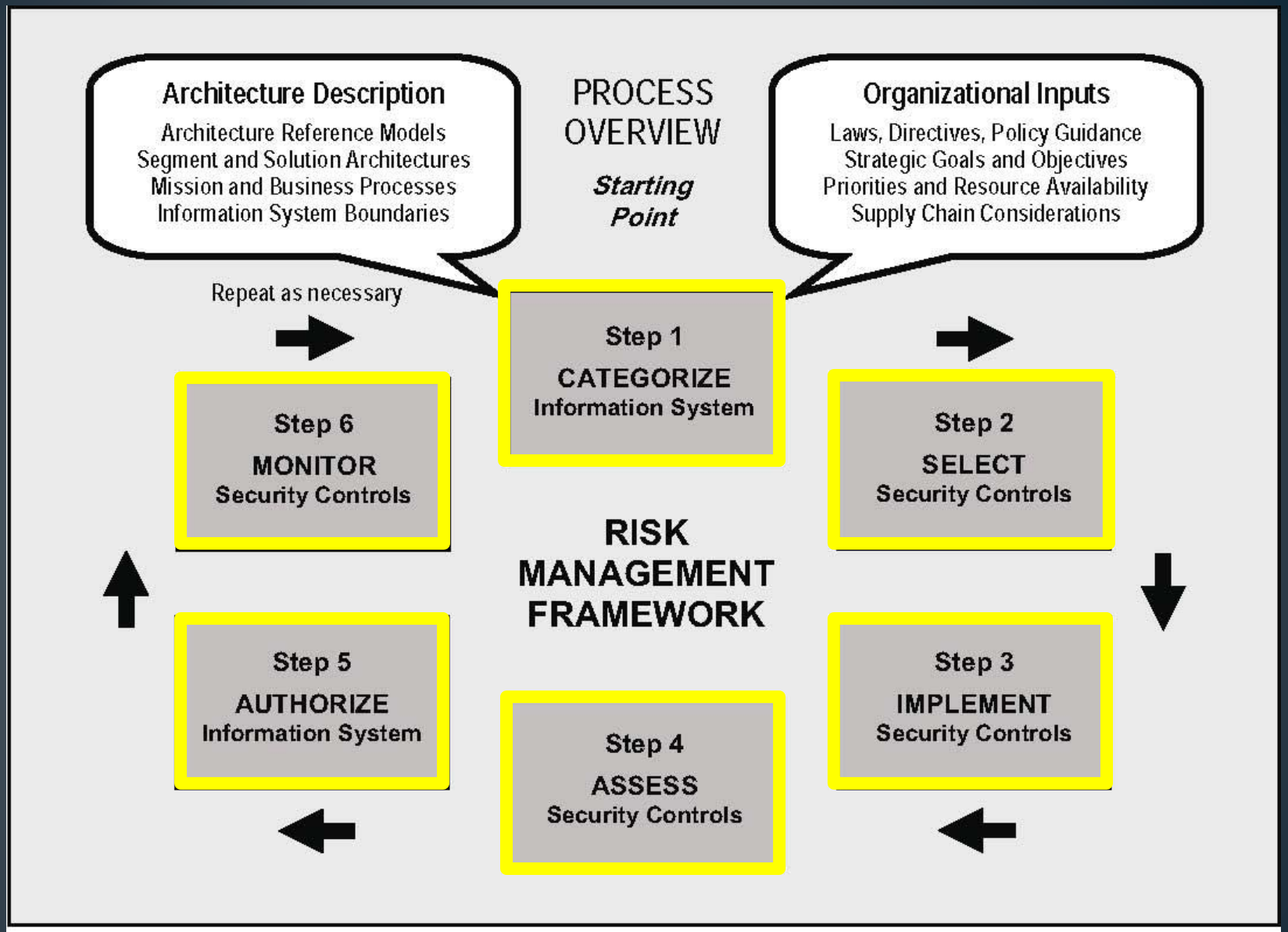


FIGURE 2-2: RISK MANAGEMENT FRAMEWORK

http://upload.wikimedia.org/wikipedia/en/b/b0/Risk-management-framework.jpg

TOO MUCH INFORMATION

ONCE A YEAR

Risk Management……. Training

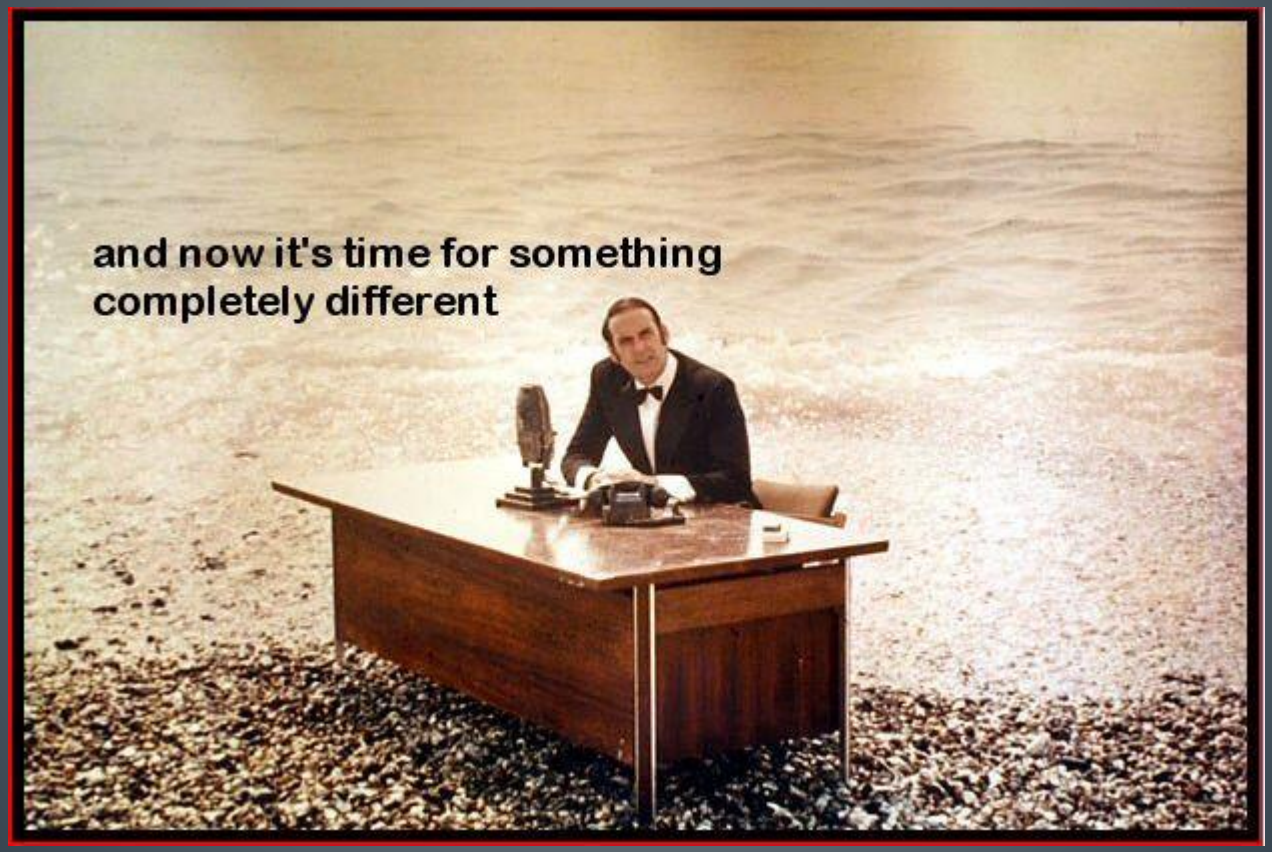
Categorize

- Need to Know, based on Role
- Need to Use, based on Role

Select

- Identify Risks based on
  - **Access to Information and Resources**
- Select Practical Training based on Risks

Cyber-Risk Ready Workforce

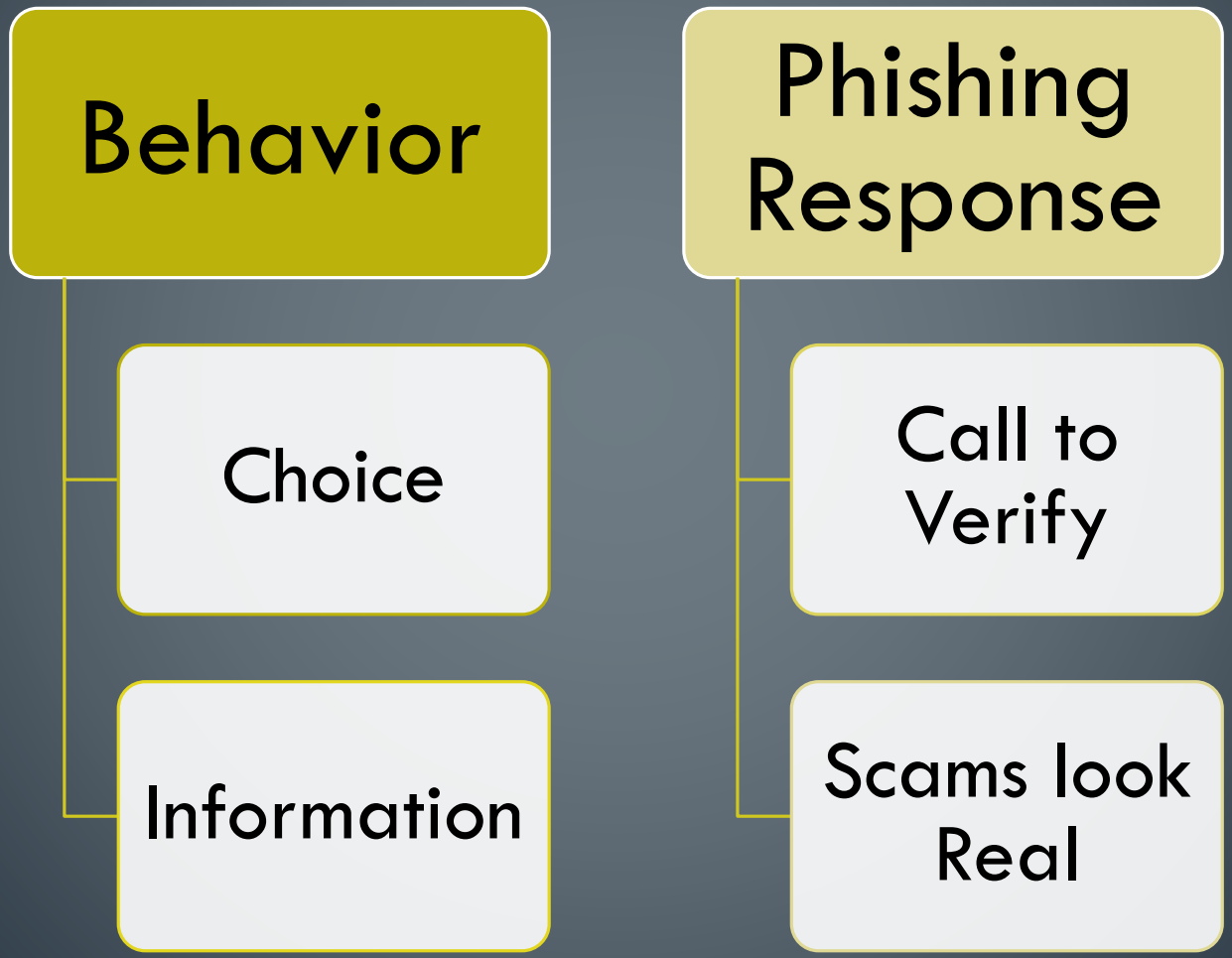


http://supporterscrew05.blogsport.de/images/and_now_its_time_for_something_completely_different.jpg

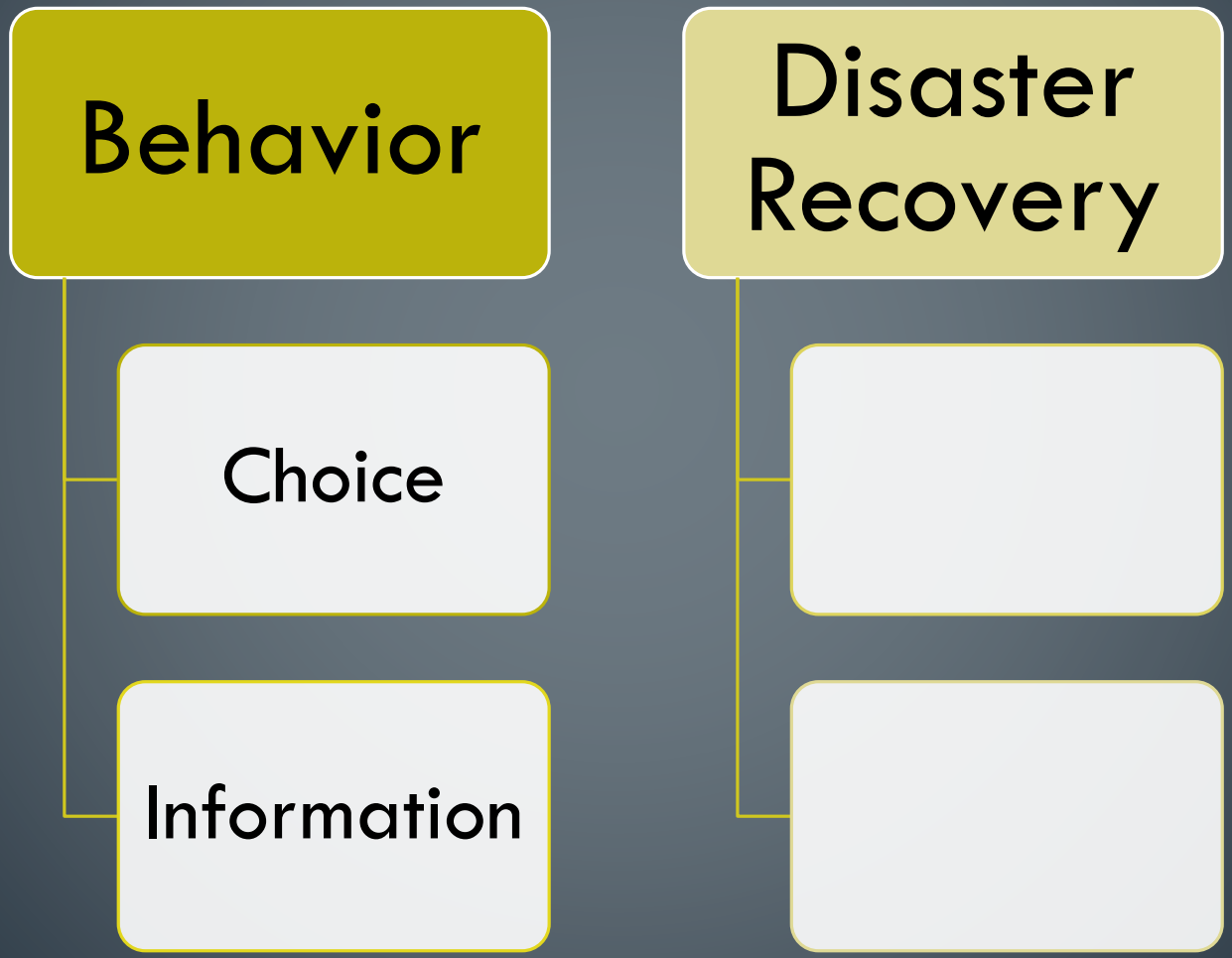
Implement Immersion

http://blogs-images.forbes.com/steveolenski/files/2014/03/gamification-1.jpeg

Make it Work!


Behavior
Choice
Information
Phishing Response
Call to Verify
Scams look Real

Make it Work!



Assess

- End-user Self Assessment
  - Personal Involvement in Cyber Risk Awareness
  - Not a checklist
  - Revisit access needs to information and resources

Authorize

(For all you non-believers) ☺

- Annual Assessment
  - % on the userbase every year to assess their progress.

Monitor

- Approach Evolves
- Easily Add New Policy, Technology, or goals
- Celebrate risk aversion all year long!!!!!

Keep an Open Mind