

OSU Board of Trustees

CYBER SECURITY STRATEGY



Oregon State University
Information and
Technology

Cyber Security Strategy

- Ensure Institutional Compliance
- Evaluate Core Systems Against Industry Standards
- Improve Cyber Security Management Practice
 - Develop Annual Risk Mitigation Action Plans for Core Systems
 - Regular Reporting to Information Security Advisory Council
- Now Re-Evaluating and will develop a 3 year plan

The Challenge

Openness = Academic Freedom + Shared Governance



Determined to Stay “Free”

“Higher ed is by design focused on transparency, with as few restrictions as possible to information sharing. The bedrock mind-set tilts toward academic freedom.”

CIO, Regional Masters University

Uniquely Risky

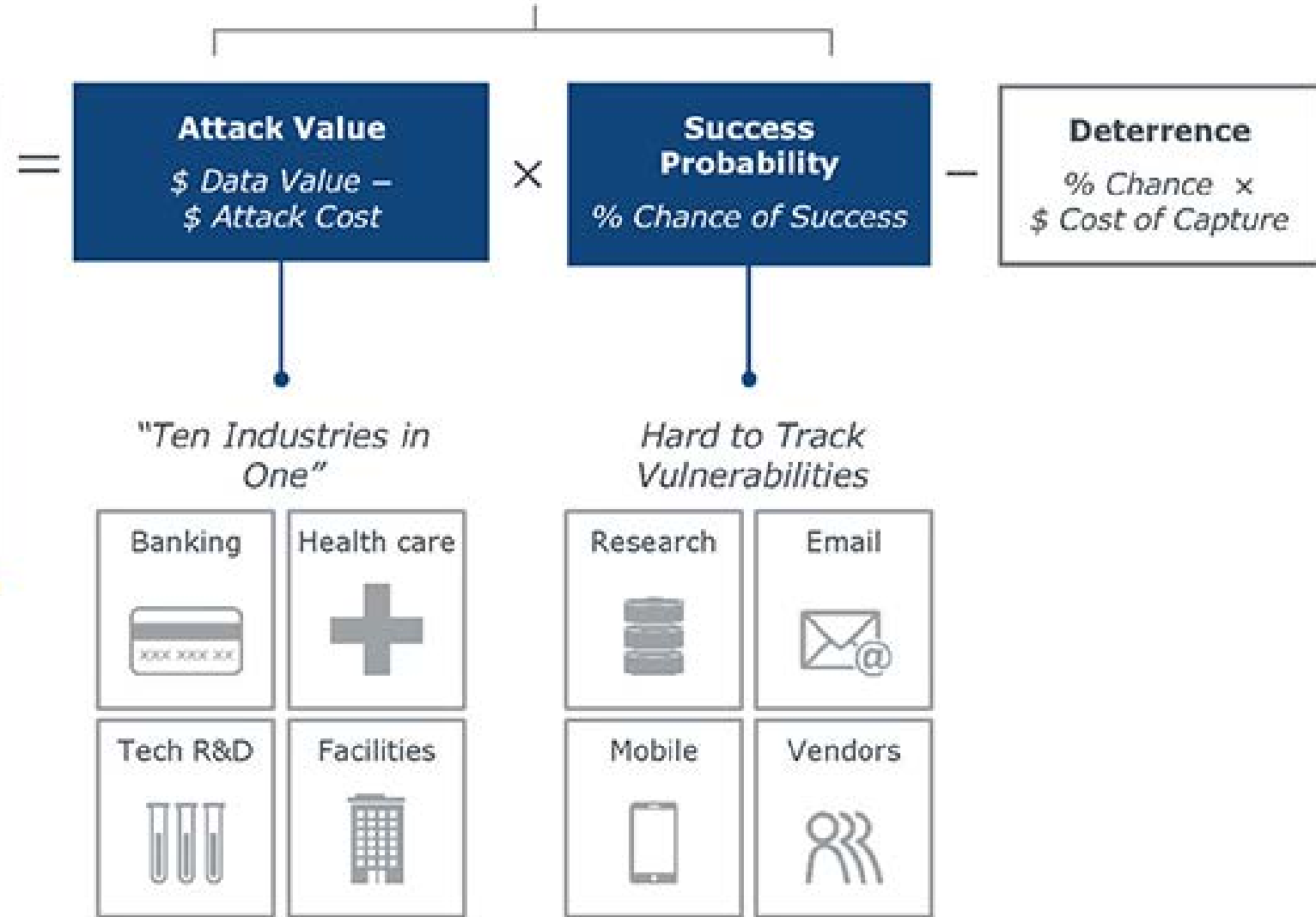
“Higher education is one of the most heavily regulated industries in the U.S.—and it has more risk-producing constituencies than almost any other industry.”

Leta Finch, Aon Risk Management Services

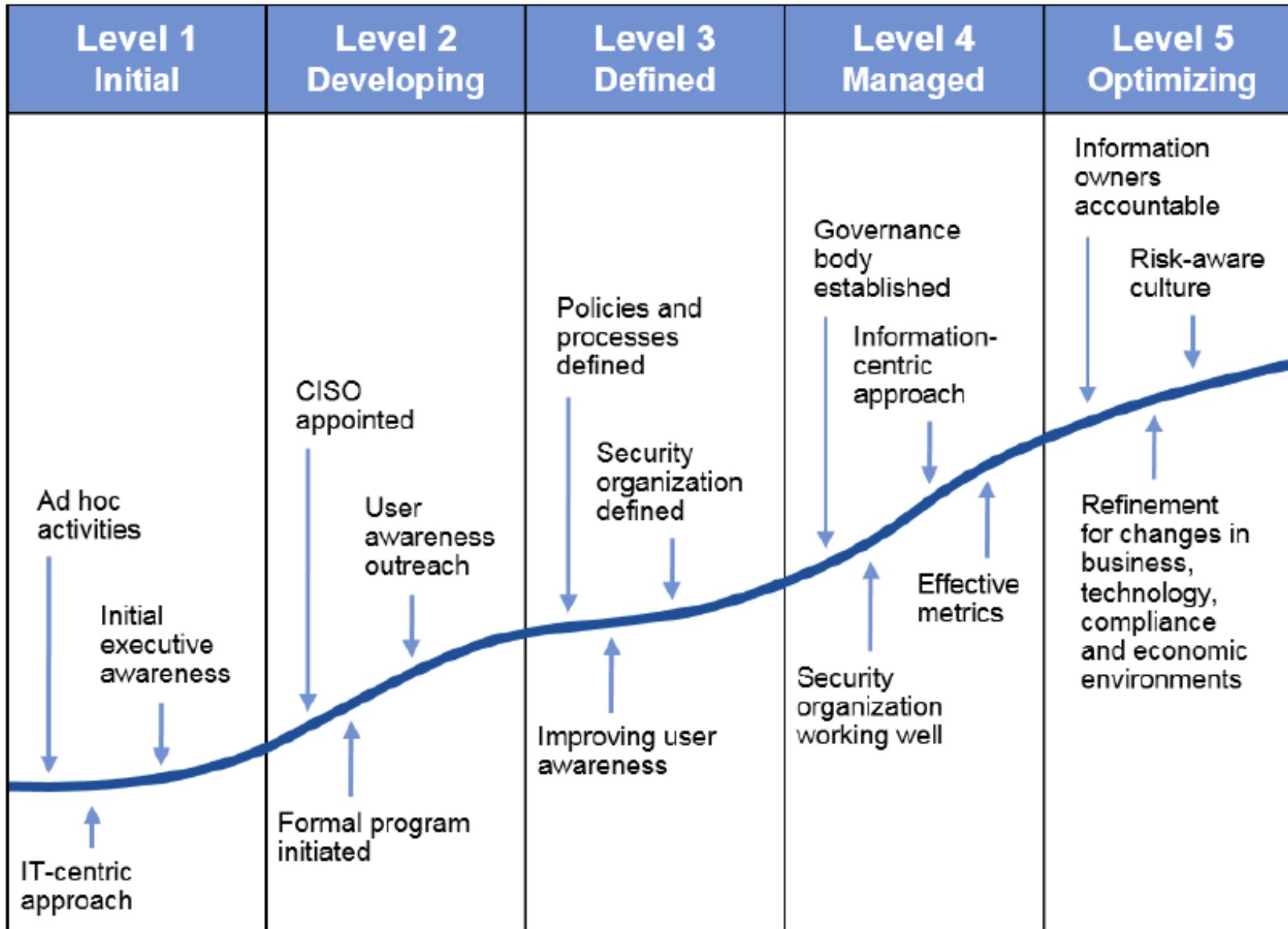
The Threats

Tantalizing, Vulnerable Resources *Higher Ed Inviting to Middle-Tech Adversaries*

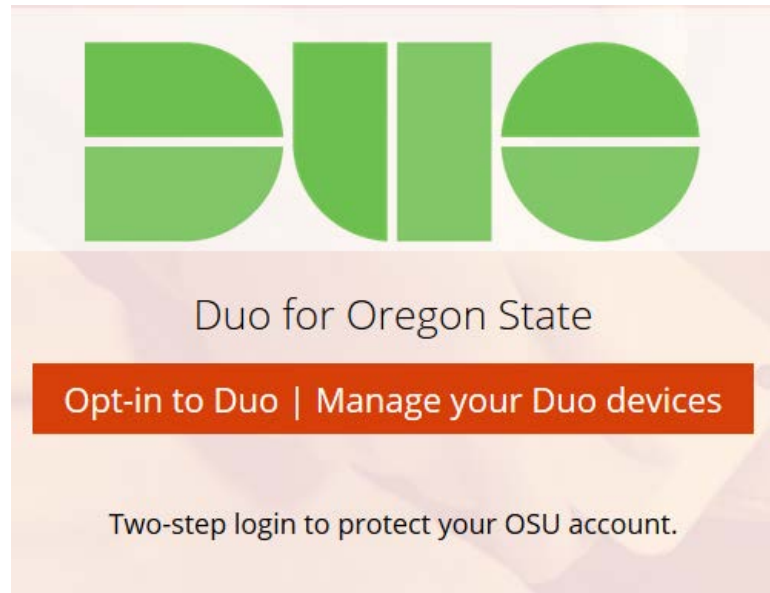
Adversary ROI
"Adversaries don't care about your ROI—they care if they can get a return from investment on an attack."
Josh Corman and David Etue



Gartner Information Security Maturity Model



Recent Improvements



Network Security Audit

1. Evaluate Current Information Security Leadership and Organizational Structure.
2. Develop Firewall Management Procedures and Responsibilities.
3. Engage an Outside Subject-matter Expert in Developing Network Security Strategy.