




Information Security 2017

What could go wrong?

Break-in

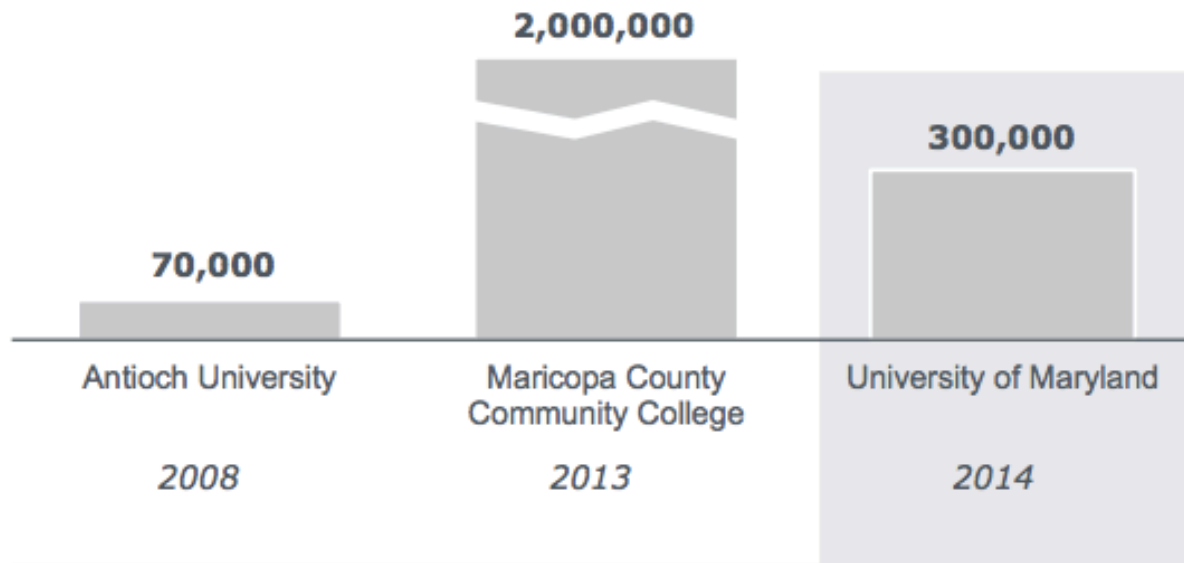
We let the data out
or leave a system
unsecured

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- Financial loss
 - Reputational damage
 - Business disruption
 - Legal action
 - Personal harm

Presentation for the
Oregon State University Faculty Senate

Lois Brooks
Vice Provost, Information Services & CIO

Compromised Records in Recent Data Breaches



University of Maryland's Postmortem

≈280,000 records of current and former students, faculty, and staff compromised

Credit monitoring expense: **\$2.6 million**

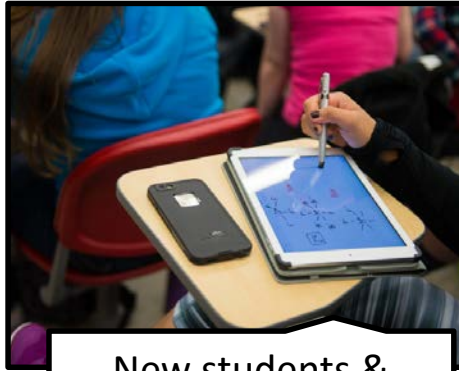
Estimated cost of reorganization and new security protections: **\$20 million**



Higher Ed is uniquely hackable



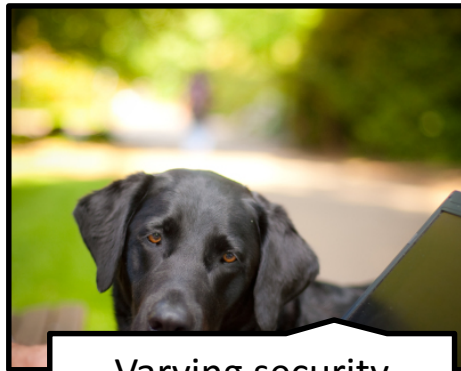
Academic freedom –
global collaboration



New students &
devices



Autonomous units
and custom systems



Varying security
literacy



Work from anywhere

Shared responsibility



Centrally managed

We have

- Improved scanning
- Improved system configuration
- Encrypted SSNs
- Detection for rogue wireless
- Moved web sites to a secure cloud service

We will

- Even more scanning
- Awareness and training
- Additional firewalls
- Widespread use of encryption

Community vigilance

Everyone needs to:

- Keep devices up to date
- Use a unique OSU password
- Be savvy about phishing and scams
- Use Box to share sensitive data, not email
- Always report potential problems right away

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