



## Protecting Districts Together | ESDs Collaborating on Cybersecurity

A presentation at OSBA, November 2018

# Introductions

**Nick Lapp**

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**Rick Wahlstrom**

Chief Information Officer  
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Chief Information Officer  
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**Francisco Zavala**

Network Systems Administrator  
Linn Benton Lincoln ESD



# The Problem/Threat

**2018**

292 incidents, 101 with confirmed data disclosure in K-20+ organizations

## Massive rise in social engineering and phishing

“There were 22 [successful] instances of [W-2 phishing] in the Education vertical this year. It is not immediately clear why this scenario has figured so prominently in Education, but it may be due to the more “open source” nature of schools and universities.”

Source: Verizon Enterprise Data Breach Investigation Report, 2018

# The Problem/Threat

## Lake Oswego, July 2018

Gained control of email;

Compromised Twitter

## Roseburg, May 2018

Disabled district email and

website for 2+ weeks;

District paid ransom

## Redmond, February 2017

Over 1,000 employees'

W2s sent to hackers;

Social engineering



**It's a technology problem. It's a  
risk management problem.**

**What We Can Do (And Are Doing) Now Rick,**

**CTA — Collaboration**

**Cheri and Nick, IMESD — CISO+pillars**

**Stuart, CESD — Training+preparation**



**Francisco, LBLED — Fiscal+superintendent**

**Rachel, HDES — Board+audits**

**What's Next**

## What's Next

- Expect a decade, at the least, of increased attacks and a hostile threat landscape
- The roles of security individuals and natural conflict between CISO v. CIO
- Board-level involvement

- Continuous user training

## **What's Next — ESDs as Partners**

- We're often the first call
- We're pressing vendors on security improvements, e.g. Synergy and Visions
- We're partnering with the State of Oregon

## Enterprise Security Office (HB2996 - 2017)

- Sharing knowledge with each other & districts

## What's Next — Your Role

- What is your role as a board member?
- What is your role as a leader?
- How much do you already know?

- What policies do you have in place?
- Most of us have answers for Finance.
- We're sending you home with starting points for Information Security.

**Thank You**

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