HOW TO EAT THE CYBERSECURITY ELEPHANT IN BITE-SIZED CHUNKS

State Association of Counties Cybersecurity Information Sharing and Analysis Organization (ISAO) Clearinghouse
BoAt!

LAND!
Why is it important that we focus on smaller counties?

• Nearly two-thirds of US counties are rural.

• Multi State Information Sharing Analysis Center (MS-ISAC) has approximately 10% of the 3,069 counties as members.

• These smaller counties have no process to get to general user.
In Iowa, the County Auditor is directly or indirectly responsible for IT in least half of our counties.
Duties of an Iowa County Auditor

1. Budget
2. Clerk to the Board of Supervisors
3. Commissioner of Elections
4. County Financial Officer
5. County Registrar of Voters
6. County Tax Accountant
7. Custodian of the Courthouse
8. Custodian of the Election Returns and Records
9. Insurance/Bonds
10. Licenses/Permits
11. Overseer of the County Plats
12. Payroll & Human Resources Manager
13. Records and Plans

We have to get and keep cybersecurity on these official’s radar!
We can't scare ourselves into a better cybersecurity culture
By linking education, information and support through secure communications we can change the cybersecurity culture.
Background and the Discovery Process
Overview and ‘Live’ Demo
Future Phases
Conclusions
Project Background

- Improve Action Ability of Cybersecurity Information at the Local Level
- Improving Information Sharing Between State Associations
State culture, associations and organization.

Organized national inventory of IT assets

Creates a national to state to local government Information Sharing and Analysis organization.

Information and People connected and ready to act in groups or collectively on any cyber related issue.
SOLUTION OVERVIEW
Using COIN as a hub.

COIN becomes a consolidator of alerts, advisories, and vendor information.

Mini-me, branded version of COIN per state association.

Integrated links e.g., Application Store (GovAppFinder)
State Associations determine the ‘Mini-me’ structure that is most effective for their association. I.E., affiliates or business topics (HIPAA, Finance, etc.)

Information is delivered in a business context that is actionable by the non-technical manager.
Catalog local government’s contacts and technology usage, state by state
COIN and vendor products

1. COIN will be requesting vendors to explain their ‘cyber vigilant’ status, to explain why their customers are ‘cyber safe’

2. This audience will be asked to define key questions for a standard template to use with vendors

3. A catalog will evolve in COIN’s Supplier Zone of 3rd party vendor applications available to government, and their ‘cyber vigilant’ status
LIVE DEMO STRATION
FUTURE
Phase 2

- Identify funding sources to accelerate 50x ‘mini-me’
- Continue to build local and national partnerships
  - Insurance Pools
  - Cyber Information
  - Cyber Resources
Phase 3

- ‘Mini-me’ (branded copy of COIN) per State
- Create specific actions from ‘Advisories’ to user segments
Phase 4

- National collaboration
- Events
  - Round Tables
  - Best Practices Sharing
  - Training & Certification
- Shared Services
- Customization of ‘mini-COIN’ at State Association Level
CONCLUSION

The US Counties ISAO strategy transforms today’s process
Provides one place to go for Cybersecurity

• Organizes information in one place
  • Homeland Security Advisories
    • Organizes them in one place, and in categories
    • Adds tags, making them searchable

• Enables all other sources
  • Vendors
    • Improving R&D, as vendors educate about new solutions – what's real and what isn’t
    • With programs to attract vendors to communicate their ‘Cyber health’
  • Government IT ….
Provides a Tiered Process

- Federal – COIN
- COIN – State Association of Counties
- State Association of Counties – Counties
  - Affiliates and Business Topic

Feedback Loop
Provides – an Integrated Collaboration Infrastructure per State Association for Cybersecurity

- Helps day-day government collaboration
  - Embracing non-technical staff
  - Beyond just Cybersecurity ‘information processing’
    - E.g., groups with conversations, information sharing, folders
- Connected to a national network
  - With support of national association (NACo)
- Can extend beyond Cybersecurity
  - Across other government collaboration needs
Finally……..

Provides – a mechanism to change our approach to cybersecurity culture
QUESTIONS AND DISCUSSION