Idaho Legislative Services

5 Minutes of Fame
What have we been working on in the last year?

- Security Improvements
- Infrastructure Updates
- Development Projects
- Software and Hardware
- AV Projects
Security Improvements

• Implemented Network Access Control on all access ports
  - Utilizing dot1x based-authentication and Microsoft Network Policy Server
  - Easy to setup, low/no cost solution

• Computer-based phishing and cybersecurity training
  - KnowBe4 – previously using SANS Securing the Human
  - Simulated phishing attacks and standard computer-based training to meet compliance
  - Outlook plug-in for users to report phishing emails

• Ongoing work towards implementing CIS Critical Security Controls
  - Securing servers and endpoints, config baselines, security scanning, etc.
  - AlienVault USM, CyberArk EPM, Nessus, Sophos Central, CIS Benchmarks, Microsoft LAPS, etc.
Infrastructure Updates

• Replaced all network switches in the organization
  o Juniper selected to replace our older Cisco switches – approx. 50-60 switches total
  o Juniper EX3400, EX4300, and EX4600 models
  o Substantial cost savings

• Replaced wireless system
  • Stuck with Cisco to allow for easier interoperation with other agencies
  • Selected 2 x 3504 Wireless controllers
    • Redundancy
    • Right size for our environment

• New NetApp storage systems
  o Replaced older NetApp 2200 series models with FAS2700 series units
  o Mirroring critical data to an off-site location
  o Meets needs of our multiprotocol environment: NFS, iSCSI
  o Less expensive compared to other options considered: Pure, HPE Nimble
Developer Projects

• Subscribable calendars for standing committees
  o Time.ly WordPress Plugin – free solution
  o Users can sync calendars to any calendar they choose, including Google, Outlook, Apple, etc.

• Shared calendaring system for room scheduling
  o ConnectDaily – by mhssoftware
  o Cloud based, customizable to fit needs, previous solutions were MS SharePoint and Exchange Resource Calendars
  o Share calendars outside of organization and control access

• Custom function to compare draft legislation with existing statues
  o Developed in-house
  o Increase efficiency and accuracy of bill drafters, eliminate mistakes
Software and Hardware

- SmartDeploy computer imaging solution
  - Hardware-Independent imaging, user profile migration
  - Supports network (PXE and client push) and USB imaging
  - Easy to setup and use

- Spiceworks Helpdesk and Inventory
  - Active Directory integration for user accounts
  - Inventory and Helpdesk pieces are automatically integrated
  - Mobile application available

- Windows 10 migration
  - Completing our migration
  - Be aware of version lifecycle. 18 months for Pro, up to 30 months for Enterprise
    - Feature updates can break things and should be tested
Audio/Visual Improvements

• Independent 3rd party audit on entire AV infrastructure
  o Complete look into our current systems and will make recommendations on improvements
  o The Greenbush Group, Inc. out of Seattle, WA
    • Selected to ONLY perform the audit. Will use others for actual project implementation

• VTC using Zoom Conference Room Connector
  o Implementing in committee rooms to allow for remote expert testimony
  o Integrates with our enterprise AV system (SIP, H.323)

• Cross room streaming for all committee rooms
  o Reworking current system to allow meetings to be streamed to audio system in other rooms
  o Stream to local rooms only, or stream to local room and internet