

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
 - Juniper selected to replace our older Cisco switches – approx. 50-60 switches total
 - Juniper EX3400, EX4300, and EX4600 models
 - Substantial cost savings
- Replaced wireless system
 - Stuck with Cisco to allow for easier interoperability with other agencies
 - Selected 2 x 3504 Wireless controllers
 - Redundancy
 - Right size for our environment
- New NetApp storage systems
 - Replaced older NetApp 2200 series models with FAS2700 series units
 - Mirroring critical data to an off-site location
 - Meets needs of our multiprotocol environment: NFS, iSCSI
 - Less expensive compared to other options considered: Pure, HPE Nimble

Developer Projects

- Subscribable calendars for standing committees
 - Time.ly WordPress Plugin – free solution
 - Users can sync calendars to any calendar they choose, including Google, Outlook, Apple, etc.
- Shared calendaring system for room scheduling
 - ConnectDaily – by mhsoftware
 - Cloud based, customizable to fit needs, previous solutions were MS SharePoint and Exchange Resource Calendars
 - Share calendars outside of organization and control access
- Custom function to compare draft legislation with existing statutes
 - Developed in-house
 - 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
 - Complete look into our current systems and will make recommendations on improvements
 - 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
 - Implementing in committee rooms to allow for remote expert testimony
 - Integrates with our enterprise AV system (SIP, H.323)
- Cross room streaming for all committee rooms
 - Reworking current system to allow meetings to be streamed to audio system in other rooms
 - Stream to local rooms only, or stream to local room and internet