



Information Technology

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To: Information Technology Board
From: Chris Pofahl, IT Director
Subject: IT Directors Report

Cloud Strategy: A little over a year ago I put together a cloud strategy, the following items are related to that strategy.

- **Azure Infrastructure:** The IT department has Azure VPN Gateway setup, and is starting to setup the ADFS infrastructure. Part of the setup also includes having a full Domain Controller in Azure as well. We are targeting a migration on-premise ADFS in June.
- **Azure Active Directory:** We now have four cloud based applications that are using Azure Active Directory for authentication: NeoGov, Adobe, Pluralsight, and KnowBe4. Azure AD integration eliminates the need for users to have to have a separate username and password for cloud applications. The next step will be to start moving towards Azure Active Directory Seamless Single Sign-On. Azure AD Seamless SSO recognizes when devices are corporate owned, or the user is on the corporate network and automatically signs the user in without having to type the password.

SAN Storage: The Nimble SAN is coming to its end of life (Head unit in 2019, and Shelves in 2020). IT has reevaluated storage needs and is moving to a tiered storage strategy. The tiers are Tier 1: Infrastructure, Tier 2: Video, and Tier 3: Archival. By moving to different tiers of storage we will be able to save costs and add capacity.

1. Tier 1: Hyper-Converged
2. Tier 2: NAS or Non-flash based SAN
3. Tier 3: Cloud

Converged Infrastructure: IT started migrating servers from our traditional Server/SAN infrastructure to our Hyper-Converged infrastructure. The migration includes moving servers to the new server VLAN and firewalling the servers.

Smart Cities Conference: The week of May 8th I will be attending the SmartCitiesNYC conference in New York with Kevin Lahner (City Administrator), and Jennifer Andrews (Director of Community Development).

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