

Project Status Report I.T. Advisory Board

1. Agency I.T. Services
2. State Open Systems Group
3. State Networking Group
4. State Mainframe Group

Project Health Status Legend:

- Green** - All project health indicators are at acceptable levels, project is proceeding as planned.
- Yellow** - Most projects health indicators are at acceptable levels, some risks may have been identified and require monitoring for potential mitigation activities.
- Red** - Several project health indicators are below acceptable levels. Project is in imminent danger of failing if corrective action is not taken.
- Blue** - Project is in the final stages of completion/closeout.

Project Health Indicators:

- Is the project on schedule?
- Is the project operating within budget?
- Is the project delivering on scope?
- Are there adequate resources allocated to the project?
- Has funding been approved for the project?

1. Agency I.T. Services (AITS)

The AITS Project Management Office (PMO) is currently managing, monitoring or participating in thirty-six (36) projects and initiatives across five (5) State agencies. Projects detailed in this report were either previously reported, specifically requested by ITAB or exceed \$500,000 in total project expenditures. Active = currently in planning, development, or closeout; Initiatives = project initiatives being evaluated/defined; Proposed = new project proposal requiring discovery before evaluation can begin.

- Department of Public Safety (Active – 14; Initiatives – 16; Proposed – 1) 31
- Department of Administration (Active – 1; Proposed – 1) 2
- Governor’s Finance Office (Proposed – 1) 1
- Health and Human Services (Active – 1) 1
- Nevada Public Employees’ Benefits Program (Active – 1) 1

Project: State of Nevada ADA Remediation

Purpose/Scope: Provide individuals with disabilities access to electronic information, including documents and web pages, that resides in the State of Nevada Content Management System (CMS) in accordance with the World Wide Web Consortium (W3C) Web Content Accessibility Guidelines (WCAG) 2.0 Levels A & AA, and the Web accessibility Rich Internet Applications Suite (WAI-ARIA) 1.0 for web content.

Consequences, deficiencies or gaps if not completed or project slips significantly:

State of Nevada web content and documents will not be accessible to individuals with disabilities as required by the federal American Disabilities Act (ADA)

Challenges: The scope of this effort is very large. Remediation efforts will include 132 websites, 23,849 pages of web content, and 75,609 PDF documents.

Dependencies: None
Impacts to Other Projects: None
Delivery Date: TBD
Project Health: **Green**

Project: **DPS – CCH Modernization**

Purpose/Scope: Rewrite the DPS Computerized Criminal History system in a supported software platform.

Consequences, deficiencies or gaps if not completed or project slips significantly:

The repository contains all fingerprint-based data submitted by various agencies throughout the state as well as forwarding this data to the Western Identification Network (WIN) and the FBI. Failure to complete this project will impact the life and safety of Nevada citizens and public safety officers

Challenges: Critical project resources have been re-assigned to competing efforts to meet State and Federal mandates. EITS and DPS are reviewing the viability of using contingent resources to complete this project.

Dependencies: Completion of AB579 project – Adam Walsh Child Protection Act

Impacts to Other Projects: None

Delivery Date:

Original: July 1, 2017

Revised: May 21, 2018 – partial delivery was implemented

Current Projection: TBD

Project Health **Yellow**

Project: **DPS – Restructured OTIS Modernization**
Purpose/Scope: Rewrite the Parole & Probation Offender Tracking Information System in a supported software platform.

Consequences, deficiencies or gaps if not completed or project slips significantly:

The current OTIS application is running on a software platform that is not supported by a vendor. A failure in this system will impact the life and safety of the public and public safety officers.

Challenges: **Budget** – Additional funding will be required to complete the project.
Schedule – Additional time will be required to complete the project.
Scope – Functions and features were identified during UAT for which it is unclear whether or not business requirements were previously identified and properly documented for this phase of the project. All requirements will need to be validated and verified before restarting this project.

Dependencies:	None
Impacts to Other Projects:	None
Delivery Date:	
Original:	July 19, 2018
1 st Revision:	August 31, 2018
Last Projection:	November 1, 2018 (still under evaluation)
Latest Projection:	TBD – Project mothballed pending budget authorization decision during 2019 Legislative session.
Project Health:	Red

2. State Open Systems Group

The Open Systems Group has been focused on projects approved during the last Legislative session:

- Office 365 State Tenant **In progress**
- VX Rail **In progress**
- Comvault Replacement **In progress**

Project: Office 365 State Tenant

Purpose/Scope: Creation of a shared infrastructure for the State of Nevada so all State agencies can interoperate on a common set of Microsoft Office tools within a common user identity system.

Consequences, deficiencies or gaps if not completed or project slips significantly:

Not completing this project will result in State agencies operating under disparate versions of common business software. This reduces efficiencies in collaboration and agency interoperability and increases overall costs to the State.

Challenges:

Staffing – Since the last ITAB meeting two (2) technical and two (2) PMO resources have been added to the team to assist with implementation of the O365 collaboration tools.

Governance – The committee has been created, met in October 2018 and will meet monthly.

Scheduling – Scheduling the implementation for close to 18,000 users statewide has been a challenge due to budget constraints. This challenge has been mitigated through the development of the 2020-2021 biennial budget.

Dependencies None

Impacts to Other Projects: None

Delivery Date: June 2021

Project Health: Green

Project: **VX Rail**

Purpose/Scope: Replace legacy physical server hardware with a virtual server infrastructure in the primary operations site and a secondary disaster recovery site.

Consequences, deficiencies or gaps if not completed or project slips significantly:

Not completing this project will result in a lapse in support for aging legacy hardware running services critical to State operations.

Challenges: Waiting for installation of a power module at Switch facility. The module is a custom build which may impact the completion date for this project.

Dependencies: None

Impacts to Other Projects: None

Delivery Date:

Original: Primary site installed Feb 2018, Secondary site installed Oct 2018

Projected: TBD

Project Health: **Yellow**

Project: **Comvault Replacement**

Purpose/Scope: Replace off lease equipment to address backup capacity issues

Consequences, deficiencies or gaps if not completed or project slips significantly:

Not completing this project will create data backup capacity issues for information critical to State services.

Challenges: Delay in equipment delivery caused the project schedule to slip. Expect project to be completed by mid-November 2018

Dependencies: None

Impacts to Other Projects: None

Delivery:

Original: September 2018

Projected: November 2018

Project Health: **Yellow**

3. Networking Group

The Networking Group has been focused on projects approved during the last Legislative session:

- Bigger Pipes Core Infrastructure **In progress**
- Microwave Replacement Project **In progress**

Project: **Bigger Pipes Core Infrastructure**

Purpose/Scope: Implement Switch Communications core network infrastructure in Reno with link to Switch Communications facility in Las Vegas. This project enhances SilverNet bandwidth and last mile connectivity to facilitate disaster recovery, redundancy and infrastructure for cloud computing initiatives.

Consequences, deficiencies or gaps if not completed or project slips significantly:

The current network infrastructure will not be prepared to support cloud computing solutions and not be able to support disaster recovery (DR) services on Silvernet.

Challenges:

Complexity – This project has an impact on enterprise stability. The team is proceeding at a pace that allows for proper due diligence to ensure the integrity of the infrastructure.

Staffing – The Networking Group must balance the project work with ongoing customer projects and customer driven help desk requests.

Dependencies:

None

Impacts on Other Projects:

None

Delivery Date:

Original

June 30, 2018 (Carson City to Reno connection completed)

1st Revision

August 31, 2018 (Reno to Las Vegas connection)

Projected

November 30, 2018 – awaiting delivery of long reach fiber optic transceivers.

Project Health:

Yellow

Project: **Microwave Replacement Project**

Purpose/Scope: Replace end-of-life microwave infrastructure at 75 sites statewide. Project also upgrades other existing hardware to support the network connectivity requirements for the new Public Safety radio system (Nevada Shared Radio System) and other customers migrating communications to ethernet.

Consequences, deficiencies or gaps if not completed or project slips significantly:

Not completing this project will impact life and safety for Nevada citizens, public safety organizations and NDOT employees throughout the state.

Challenges:

Funding – No issues

Contract – Tower lease for Sawtooth Mountain - contract needs to be executed for contractor to complete the required antenna work. Microwave components have been installed and turned on.

Permitting – Pinegrove new tower construction may be delayed until Spring 2019 due to USFS permitting process. Does not hold up installation and turn up of microwave equipment.

Dependencies: None

Impacts to Other Projects: None

Delivery Date: November 2018

Project Health: **Green** – The equipment has been deployed and the new system will be functioning by November 2018

4.. Mainframe Group

The Mainframe Group has no active projects that meet the criteria for reporting to the I.T. Advisory Board.

Questions?

