State-Municipality System Interaction Inventory

Submitted by: John Quinn, ADS Secretary
Prepared for: Joint IT Oversight Committee

Summary: The Agency of Digital Services was asked to provide an inventory of State systems which municipalities interact with and access frequently. Please find the information below.

Administration

System	Description
State Property Tax System	Municipalities access the state property tax system. The only exchanges we have with towns are through the file transfer protocol (FTP) server. Towns place files on the server and also retrieve them. Some of the files are used with the Property Tax databases. The plan is for the IPTMS to replace that system. We also place files on our server to be retrieved and used with NEMRC to print property tax bills. Again, another file pickup.
MyVTax	The one exception would be where town officials have a MyVTax account. This is not really a system connection, just a secure user logging into VTax the way any customer would.
eFiling	Any person may efile documents to the PUC. Members of the general public may create an account in ePUC (case management) system at epuc.vermont.gov. "Electronic filing" means the transmission of documents to the Commission by electronic means.
Public Records Request System	This is the system where public records requests are submitted to State agencies.

Commerce and Community Development

System	Description
Intelligrants Municipal Planning Applications • VCDP Accessibility Modification Grants • VCDP Environmental Review • VCDP Implementation Grant • VCDP Planning Grant	ACCD leverages the Agate vendor hosted Intelligrants grants management system for online grants management administration. The Vermont Community Development Program (VCDP) assists communities on a competitive basis by providing financial and technical assistance to identify and address local needs in the areas of: • Housing • Economic development • Public facilities • Public services • Handicapped accessibility modifications

• VCDP Scattered Site Grant	The system is current and supported by Agate and ADS.
VermontBusinessRegistry.com	Vermontbusinessregistry.com aka the "VT bid board" is a 10+ year old app that began its life in ColdFusion by C2 and core code upgraded through various versions of ASP and .Net but hasn't changed in ~7 years. It is a higher risk application from a support perspective as ADS does not have all the source code, and neither does C2. ACCD/ADS hosts it and it is used for hosting/awarding bids for the state and municipalities.

Education

System	Description
Shared School District Data Management System	Statewide system to support Uniform Chart of Accounts and its use has been mandated for all SUs/SDs by July 1, 2022. SUs/SDs are managing accounting and Human Resources (HR) in one unified system that AOE utilizes for statewide reporting needs.
Statewide Longitudinal Data System	Statewide data collection system for SU/SDs to submit operational performance for student and teachers over time. A portion of district users are currently using functionality for a regularly scheduled (nightly) upload utilizing EFT.
Child Nutrition Data System	Statewide system to manage eligibility and reimbursement for children nutrition programs. Data is managed by applicant and SOV in the vendor hosted system.
Grants Management System	Statewide system that manages the application, approval and monitoring surrounding grant programs delivered by AOE. The application supports data entry for field users, internal AOE workflows and reporting back to users.
Various Data Collections	There are a number of discrete program specific collections that utilizing lightweight SAAS solutions including Zoho and Cognito forms.

Human Services

System	Description
Offender Management System (DOC)	The DOC Offender Management System contains a capability to allow external users to look up where offenders are located within the facilities.
Appriss (DOC)	Appriss is a system that allows users to be notified when offenders are moved or released. State Victim's Rights statutes that require that the Department of Corrections make this type of information available to eligible victims and affected persons.
Everbridge/VT Alert System (DOC)	Everbridge is used to notify community members, partners, law enforcement and staff of emergent issues within our facilities.
Town Clerks accessing Vital Records (VDH)	Town Clerks login to a web application that allows access to Vital Records (Birth and Death Registries).
Child Support Enforcement Orders (DCF)	Child support enforcement orders for Non-Custodial Parents that are on a municipal payroll can provide wage garnishment payments through the EZ Pay for Kids.

Natural Resources

System	Description
File Transfer Protocol (FTP)	FTP is used to receive and send large files from and to municipalities.
ANROnline (nForm) • UST Self Certification • Indirect Discharge Program • Underground Injection Control • Dam Safety • Drinking Water Monthly Operations Report for Groundwater Systems • Drinking Water State Revolving Fund • Hazardous Waste Management (PCF, Generators) • Underground Storage Tanks • Shorelands program • Stormwater program (various permit applications) • Vermont Clean Water Initiative Program • Wetlands • eCycles program • Enforcement Penalty Payment	ANR leverages the nForm platform by Windsor Solutions. It is hosted in the state's private cloud and supported by the vendor and ADS. It offers a secure CROMERR compliant platform to enable online permit, compliance, and other applications to the public including municipalities. Several programs are available on nForm (called ANROnline) that municipalities use regarding development, environmental, and compliance matters administered by the Agency of Natural Resources. (CROMERR: EPA's Cross-Media Electronic Reporting Rule (CROMERR) provides the legal framework for electronic reporting under EPA's regulatory programs. The Rule sets performance-based, technology-neutral system standards and provides a streamlined, uniform process for Agency review and approval of electronic reporting. The CROMERR program ensures the enforceability of regulatory information collected electronically by EPA and EPA's state, tribal and local government partners.)
Combined Sewer Overflow Reporting (.net web app)	Online application developed in .NET and hosted in the state's private cloud that allows municipalities to report on sewage overflow events. This app is kept current by ADS developers and deemed low risk.
Environmental Notice Bulletin (subscribe function – not data submittal) (.net web app)	Online application, developed in .NET and hosted in the state's private cloud, that allows the public, including municipalities, to track permit status. Interested parties can subscribe to the ENB to be notified of status changes. This app is kept current by ADS developers and deemed low risk.

Labor

System	Description
Unemployment Insurance	Municipalities have access to VDOL systems in their role as an employer. Just as any and every other Vermont employer subject to unemployment insurance program rules, municipalities use VDOL's web-based systems (linked from the VDOL website) to: • Register as a new employer (which all municipalities would only have to do once to establish themselves as an employer), • Report any new hires they may begin to employ, • Report quarterly wages paid for each of their employees. As employers, municipalities gain access to these systems through the registration process. They use federal/state tax identifiers to establish password-protected access to perform these tasks. All online employer services are protected by standard SSL connections and application security

| | is being monitored and managed through ongoing NESSUS security scanning and patching/application of system/software updates to ensure that any identified security vulnerabilities are addressed.

Beyond this ongoing maintenance, the only concern related to this system is its age. This system is scheduled to be replaced through the UI modernization project that is ongoing with Vermont's iUS consortium with Idaho and North Dakota. |
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| Vermont Job Link | The other system that municipalities may interact with in their capacity as an employer would be Vermont Job Link. This system, provided through Vermont's partnership with the Kansas-led America's Job Link Alliance (AJLA), is a web-based application that municipalities – as employers – may access to help manage their participation in VDOL workforce development programs. Again, Vermont's agreement with Kansas requires strict adherence to industry security standards to ensure that employer and participant data are protected. |
| | Municipalities also have other interaction points with various VDOL programs (e.g. reporting a first-report of injury for potential workers compensation claims or OSHA requirements; responding to employee complaints relating to wage and hour grievances; etc.); however, these are all managed through downloadable PDFs that are filled out and submitted outside of any specific IT systems. Other communications are then managed by phone or email. |

Public Safety

System	Description
Automated Fingerprint Identification System (AFIS) Livescan System	Tri-state fingerprint system.
Dynamic Host Configuration Protocol (DHCP)/Domain Name System (DNS)	DHCP and DNS connectivity management for DPS and DPS business partner networked equipment.
Message Switch	Also known as VLETS (Vermont Law Enforcement Telecommunications System) - NLETS network access, NCIC network access, Vermont Criminal History records database access, NexTest and CJISOnline Testing and Certification applications, and Mugshot Repository database.
Computer Aided Dispatch/Records Management System (CAD/RMS)	LE and First Responder Dispatch and Records management system for Statewide Law enforcement.
Active Directory	Application module for user account application access (e.g. Vermont Justice Information Sharing System (VJISS) and AOT's Web Crash).
Globalscape Secure File Transfer (SFTP)	Public Safety FTP services, including DMV Hotlists, VJISS reports to DPS business partners, etc.
Listserv / Mail List Mgmt.	DPS mail list system.
Password Reset Tool	Active Directory Account self-management password tool.
TrackIT Application	DPS Help Desk Incident Logging System.
Vermont Forensic Lab (VFL) Datamaster Breathalyzers	Statewide Breathalyzer System.

Vermont Justice Information Sharing System (VJISS)	Information Broker that allows users to search multiple CAD RMS systems, including integrations with Department of Corrections.
Crime Intelligence	Criminal Intelligence System utilized by the Vermont Intelligence Center.
LPR (License Plate Reader) System	DPS is NOT using, but the Vermont Intelligence Center (VIC) is required to provide data to local agencies who are still using it.
Netmotion Application	Netmotion remote access system and license management.
Microsoft O365 Account- Non-State	Accounts for Public Safety business partner G1 licenses, email troubleshooting support.
Secure ID Tokens/RSA Software	Two-factor authentication, i.e. tokens and software to access DPS services.
Fire Safety Database	Connectivity by some town employees via the ADS Citrix solution to the Fire Safety database.

Transportation

System	Description
DMV System of Record	The core system of record for all DMV driver and vehicle information. Accessed by nationwide law enforcement via the CPI message switch at DPS. DMV Mainframe at Blue Hill.
WebCrash	Online system where Law Enforcement enter crash reports (they need credentials) and also crash reports can be accessed by the public on the web. (Used by DPS and AOT internal folks as well)
GEARS (Grant System for Governor's Highway Safety Program)	Municipalities (police depts/sheriffs dept mostly) apply for Grants using this system. Submittal for reimbursement is completed through this system also.
External Project Sites	SharePoint shared with external project stakeholders. They have to be invited to the site to access it.
Valcour CAD/RMS System	Computer Aided Dispatch/ Records Management Systems used by ~50% of municipal law enforcement agencies in VT as well as DMV law enforcement. When someone is pulled over, they are putting the information into Valcour.
AOT Externally Facing Systems	Many externally facing sites offering content/data like VTransparency.