Agency of Digital Services

House Government Operations Committee

Shawn Nailor, Secretary

January 19, 2023

digitalservices.vermont.gov

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ADS Leadership Team

Shawn Nailor, Secretary	
Mark Combs, Chief Technology Officer	Mike Nagle, Agency of Human Services
Scott Carbee, Chief Information Security Officer	Kevin Viani, Agency of Administration
Kate Slocum, Chief Financial Officer	Tracey Delphia, Agency of Education
Valerie Giroux, Chief Data Officer	Peter Telep, ACCD & Agency of Natural Resources
Stacy Gibson-Grandfield, Director - Enterprise Project Management Office	Hunter Thompson, Department of Labor & Agency of Agriculture
Jim Lipinski, Director – Shared Services Division	Robin Nilson, Department of Public Safety
Josiah Raiche, Director – Artificial Intelligence Division	Tom Buonomo, Agency of Transportation

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Mission & Vision

Mission

- The Mission of the Agency of Digital Services is to work together with our partners in state government to deliver simple and intuitive technology solutions that improve the lives of the citizens of Vermont.

Vision

- Our Vision is to make government services secure and easily accessible to all people doing business and interacting with the State of Vermont.

Digitalservices.Vermont.gov/priorities/mission-vision

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ADS Goals

IT Modernization

- Our goal is to increase automation and reliability of the services we deliver to Vermonters

Vermonter Experience

- Our goal is an improved experience of their Government for Vermonters

Cybersecurity & Data Privacy

- Our goal is to provide continuous, effective defense of the State's Information data and network.

Financial Transparency

- Our goal is to support creation of a comprehensive Executive Branch IT budget with greater transparency

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Division of Artificial Intelligence

- Division created 2022 by bill H.410 (Act 132)
  - To review all aspects of AI systems developed, employed, or procured in State Government.
- Created the position of AI Director (Josiah Raiche) & the AI Advisory Council
  - Propose State Code of Ethics for AI in State government
  - Make recommendations on policies, laws and reg. for AI use
  - Create and AI inventory

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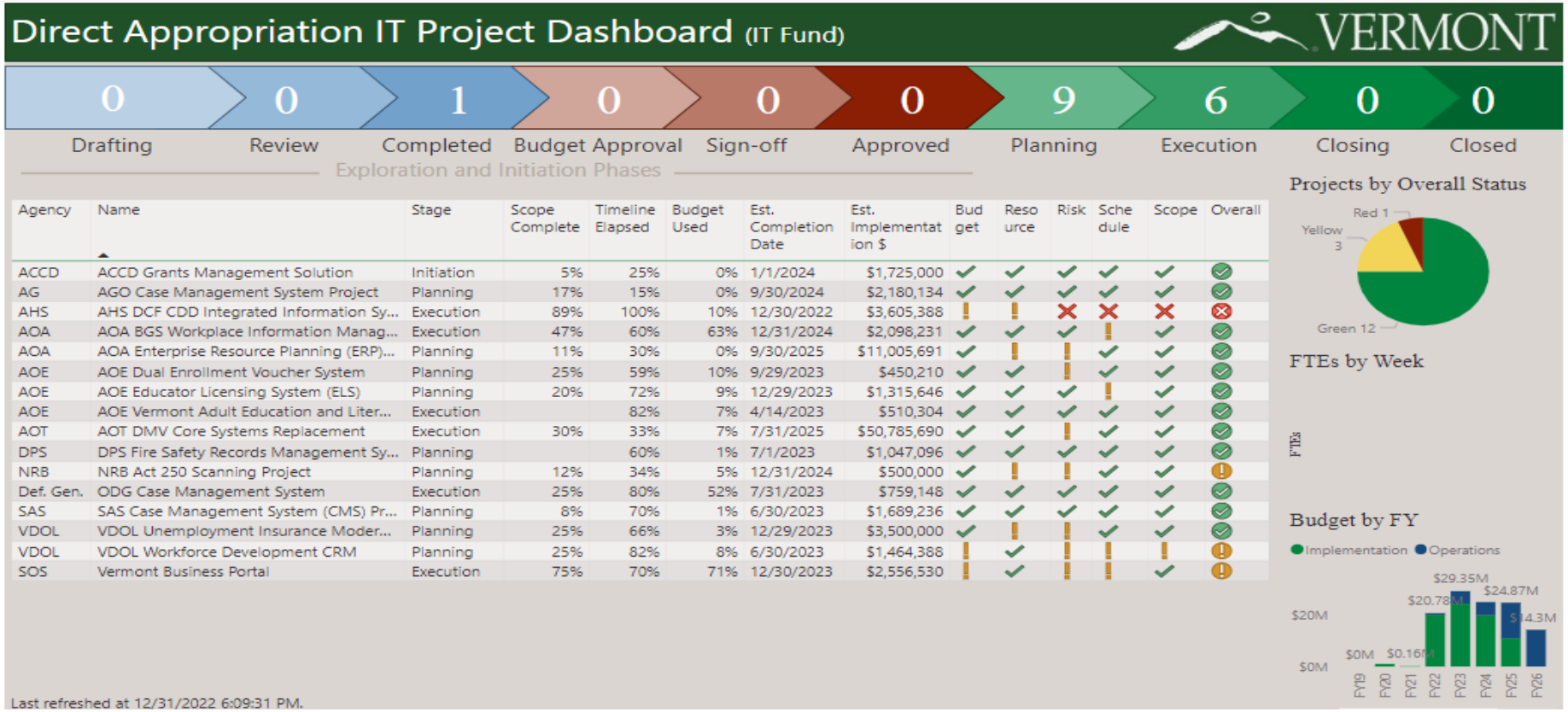
Direct Appropriations Dashboard



Agency	Name	Stage	Scope Complete	Timeline Elapsed	Budget Used	Est. Completion Date	Est. Implementation $	Budget	Resource	Risk	Schedule	Scope	Overall
ACCD	ACCD Grants Management Solution	Initiation	5%	25%	0%	1/1/2024	$1,725,000	✓	✓	✓	✓	✓	✓
AG	AGO Case Management System Project	Planning	17%	15%	0%	9/30/2024	$2,180,134	✓	✓	✓	✓	✓	✓
AHS	AHS DCF CDD Integrated Information Sy...	Execution	89%	100%	10%	12/30/2022	$3,605,388	!	!	✗	✗	✗	✗
AOA	AOA BGS Workplace Information Manag...	Execution	47%	60%	63%	12/31/2024	$2,098,231	✓	✓	✓	!	✓	✓
AOA	AOA Enterprise Resource Planning (ERP)...	Planning	11%	30%	0%	9/30/2025	$11,005,691	✓	!	!	✓	✓	✓
AOE	AOE Dual Enrollment Voucher System	Planning	25%	59%	10%	9/29/2023	$450,210	✓	✓	!	✓	✓	✓
AOE	AOE Educator Licensing System (ELS)	Planning	20%	72%	9%	12/29/2023	$1,315,646	✓	✓	✓	!	✓	✓
AOE	AOE Vermont Adult Education and Liter...	Execution		82%	7%	4/14/2023	$510,304	✓	✓	✓	✓	✓	✓
AOT	AOT DMV Core Systems Replacement	Execution	30%	33%	7%	7/31/2025	$50,785,690	✓	✓	!	✓	✓	✓
DPS	DPS Fire Safety Records Management Sy...	Planning		60%	1%	7/1/2023	$1,047,096	✓	✓	✓	✓	✓	✓
NRB	NRB Act 250 Scanning Project	Planning	12%	34%	5%	12/31/2024	$500,000	✓	!	!	✓	✓	!
Def. Gen.	ODG Case Management System	Execution	25%	80%	52%	7/31/2023	$759,148	✓	✓	✓	✓	✓	✓
SAS	SAS Case Management System (CMS) Pr...	Planning	8%	70%	1%	6/30/2023	$1,689,236	✓	✓	✓	✓	✓	✓
VDOL	VDOL Unemployment Insurance Moder...	Planning	25%	66%	3%	12/29/2023	$3,500,000	✓	!	!	✓	✓	✓
VDOL	VDOL Workforce Development CRM	Planning	25%	82%	8%	6/30/2023	$1,464,388	!	✓	!	!	!	!
SOS	Vermont Business Portal	Execution	75%	70%	71%	12/30/2023	$2,556,530	!	✓	!	!	✓	!

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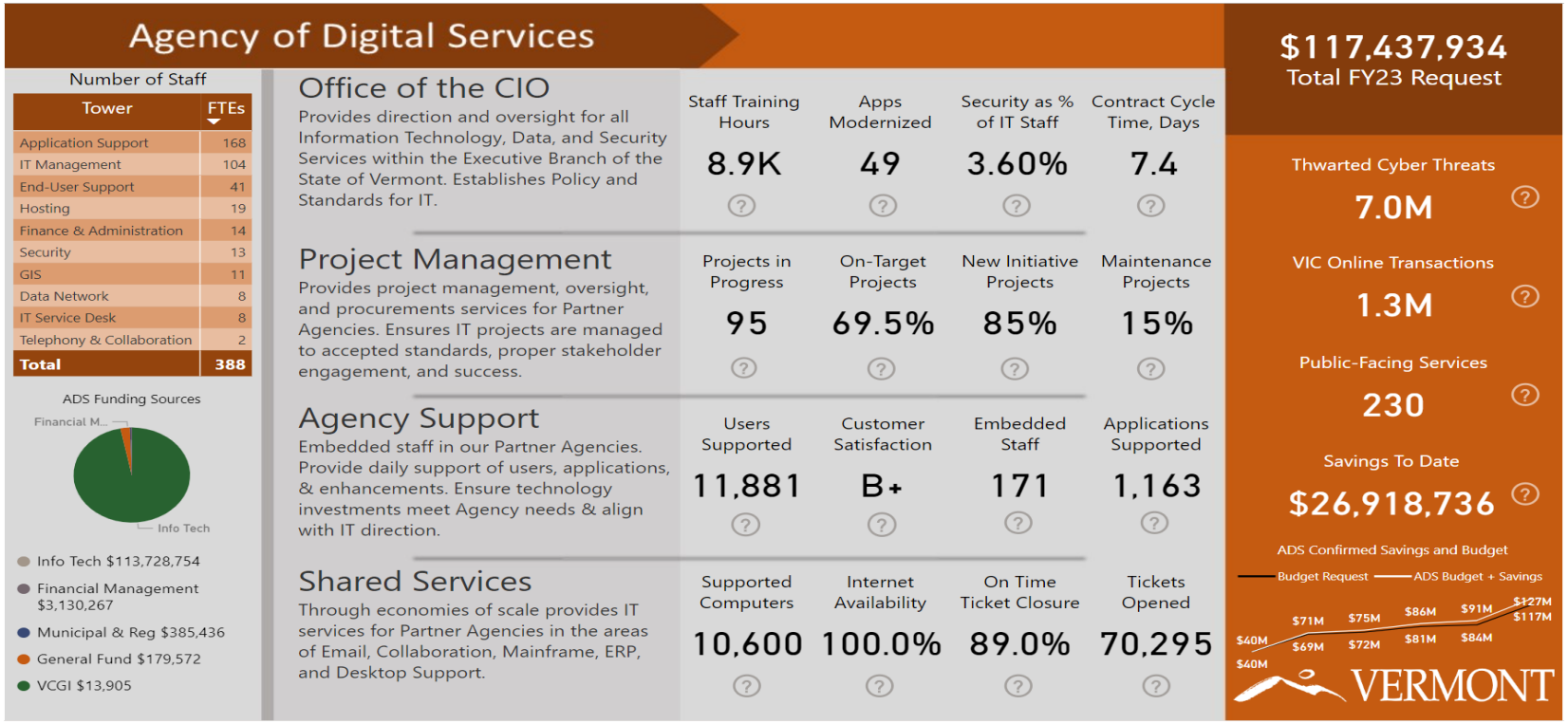
ADS Operational Dashboard



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Cybersecurity

- Security Information & Event Management system (SIEM)
  - Funded through FY22 BAA
  - Went live January 2023
  - Provides 24/7 security monitoring

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Cybersecurity Standard 2022-01

Cybersecurity Standards issued by the Agency of Digital Services (ADS) are direction to all executive branch State Agencies pursuant to References (a) and (b) for the purposes of safeguarding State of Vermont information and information systems. "State Agency" as used in this Standard shall include all State agencies, departments, commissions, committees, authorities, divisions, boards or other administrative units of the Executive Branch.

Cybersecurity Standards and Directives
Digitalservices.Vermont.gov/cybersecurity/cybersecurity-standards-and-directives

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Cybersecurity Standard (Cont.)

Background:

The ever-evolving nature of cyber threats has continued to prove that the State of Vermont and the valuable data that we hold for our citizens is a priority target for cyber criminals and hackers alike. The Agency of Digital Services (ADS) has determined that the risks presented by Kaspersky-branded products or services, and covered telecommunications equipment or services including those provided by Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company justify issuance of this Cybersecurity Directive.

The federal cybersecurity and intelligence communities have documented evidence of the concerns regarding these products or telecommunications equipment and have used several mechanisms, including References (c), (d), (e) and (f) to block their use within the federal technology community. These concerns include:

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Cybersecurity Standard (Cont.)

A. The broad access to files and elevated privileges of anti-virus software, including Kaspersky software; ties between Kaspersky officials and Russian government agencies; and requirements under Russian law that allow Russian intelligence agencies to request or compel assistance from Kaspersky and to intercept communications transiting between Kaspersky operations in Russia and Kaspersky customers, including government customers in the United States.

B. The US Intelligence Communities' assessment, cited in Reference (e), expressing concern "about the potential for Chinese intelligence and security services to use Chinese information technology firms as routine and systemic espionage platforms against the United States and allies."

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Cybersecurity Standard (Cont.)

Therefore:

1. The acquisition or renewal of any contract or grant, or use for a new purpose of Kaspersky-branded products on all State of Vermont information systems, or any vendor system, is prohibited.

    a. "Kaspersky-branded products" means information security products, solutions, and services supplied, directly or indirectly, by AO Kaspersky Lab or any of its predecessors, successors, parents, subsidiaries, or affiliates, including Kaspersky Lab North America, Kaspersky Lab, Inc., and Kaspersky Government Security Solutions, Inc. (collectively, "Kaspersky"), including those identified below.

    b. Kaspersky-branded products currently known to ADS are: Kaspersky Anti-Virus; Kaspersky Internet Security; Kaspersky Total Security; Kaspersky Small Office Security; Kaspersky Anti Targeted Attack; Kaspersky Endpoint Security; Kaspersky Cloud Security (Enterprise); Kaspersky Cybersecurity Services; Kaspersky Private Security Network; and Kaspersky Embedded Systems Security.

Cybersecurity Standard (Cont.)

2. The acquisition or renewal of any contract or grant, or use for a new purpose of equipment manufactured by the companies listed in paragraph 2.a that is supporting any State of Vermont information systems, or any vendor system, is prohibited.

    a. Huawei Technologies Company, ZTE Corporation, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company. This includes equipment used to support any information technology, telecommunications, industrial control system, supervisory control and data acquisition system, systems used for the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other security purposes, building infrastructure support, or video surveillance purpose.

Cybersecurity Standard (Cont.)

3. The acquisition or renewal of any contract or grant, or use for a new purpose of equipment manufactured by any telecommunications, or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense has identified as an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country as provided under United States Public Law 115-232.

4. Any request for exception to this Standard will be considered on a case-by-case basis, submitted with a plan of action with milestones for transition away from the prohibited items, by the Secretary of Digital Services after receiving a request, endorsed by the Secretary of the requesting State Agency and the Chief Information Security Officer, articulating the compelling justification for additional time to implement the requirements.

5. Nothing in this standard shall be construed to endorse or permit any current use of these technologies.

6. Internal point of contact for this Directive is Scott Carbee, State of Vermont Chief Information Security Officer, at Scott.Carbee@Vermont.gov .

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