

IDAHO TECHNOLOGY AUTHORITY

FY2017 Annual Report

Jeff Weak, ITA CHAIR
Director of Information Security
Office of the Governor



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ITA MEMBERS

STATUTORY	State Controller, Office of the State Controller	(Brandon Woolf) Joshua Whitworth
	Director, Department of Health & Welfare	(Russell Barron) Dave Taylor
	Director, Department of Labor	(Paul Spannkebel, Acting Dir.) Eric Beck
	Director, Department of Transportation	(Brian Ness) Charlene McArthur
	Director, Idaho State Police	(Col. Kedrick Wills) Maj. Charlie Spencer
	Director, Department of Correction	(Henry Atencio) Pat Donaldson
	Director, Legislative Services Office	(Eric Milstead) Terri Kondeff
	Chief Technology Officer, Department of Administration	Greg Zickau
	Administrator, Division of Financial Management	(Jani Revier) David Fulkerson
	Executive Director, State Board of Education	Matt Freeman
	Adjutant General, Idaho Military Division	(Maj. Gen. Gary Sayler) Richard Turner
	Chair, Idaho Geospatial Council – Executive Committee	Pam Bond
LEGISLATIVE	Senator	Sen. Jeff Agenbroad (R)
	Representative	Rep. John Gannon (D)
JUDICIAL	Representative	Kevin Iwersen
GUBERNATORIAL	Representative from private industry	Jim Nottingham HP Inc.
	Employee from state government	Jeff Weak (CHAIR) Office of the Governor

The ITA, which was created by statute (I.C. § 67-5745) in 2013, provides direction and leadership regarding the business needs of the state IT community, while also working to improve the efficiency and productivity of state government and encourage public access to government information. In FY2017, cybersecurity continued to be a primary focus of the committee.

Included in its duties, the ITA:

- Establishes technology policy and sets the strategic direction for the state
- Reviews and evaluates IT and telecommunications systems
- Prepares statewide IT and telecommunications plans
- Identifies technology opportunities
- Facilitates and monitors statewide programs, to ensure they are effective, beneficial, and utilized on a statewide basis.

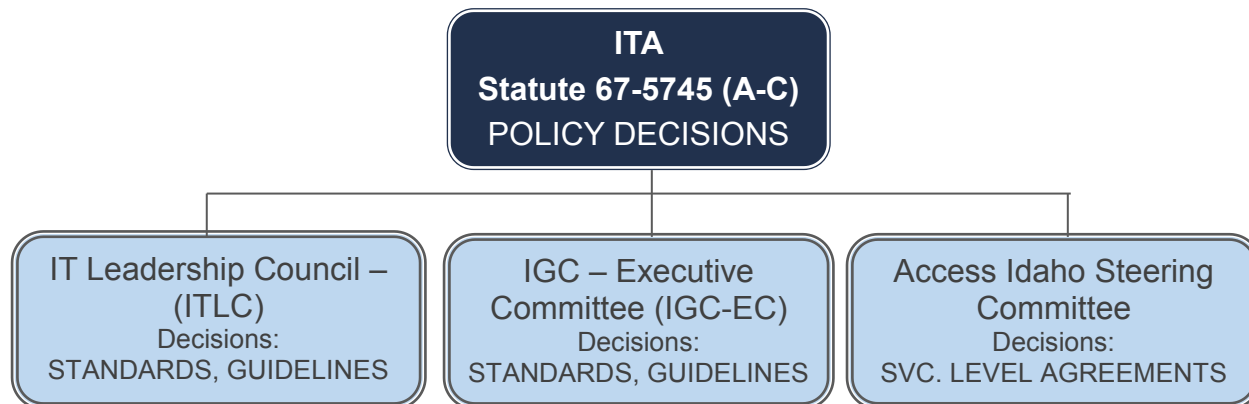
Actions taken by the committee in FY2017:

- Approved two new cybersecurity policies
 - ⇒ P4150—Privacy
 - ⇒ P4502—Privilege Access Management
- Approved revisions to four cybersecurity policies
 - ⇒ P4120—Public Online File Storage Services
 - ⇒ P4150—Privacy
 - ⇒ P4550—Mobile Device Management
 - ⇒ P4560—Data Breach Management
- Approved revisions to the cloud computing policy
 - ⇒ P1080—Cloud Computing
- Approved a revision to the language of Goal 3 of the State Technology Strategic Plan, to better articulate the principle of the goal
- Approved the goals, objectives, and strategies of the 2016 State GIS Strategic Plan
- Approved the results of the 2017 IGC-EC Election

The committee heard reports and updates on a variety of topics:

- Regular status updates on implementation of the Governor’s Cybersecurity Executive Order (EO 2017-02), which was signed on January 16, 2017
- State Cyber Liability insurance coverage, which was implemented and became effective on December 1, 2016
- FirstNet – A federal program for a wireless broadband network for public safety
- Regular subcommittee updates
- Regular status updates on the completion of State Technology Strategic Planning goals and objectives

THE ITA AND ITS SUBCOMMITTEES



IT LEADERSHIP COUNCIL (ITLC)

The ITLC subcommittee is comprised of agency IT managers representing small, medium and large permanent member agencies, and meets bi-monthly. Its mission is to provide leadership in the development and implementation of Idaho's State Technology Strategic Plan goals and objectives as outlined in its charter.

CHARTER:

http://ita.idaho.gov/documents/ITLC_Charter_20160223.pdf

MEMBERS*

Department of Health and Welfare
Idaho State Tax Commission
Department of Fish & Game
Department of Insurance
Department of Labor
Department of Lands
Department of Parks & Recreation
Department of Water Resources
Division of Vocational Rehabilitation
Division of Liquor
Health Districts
Idaho Military Division
Idaho State Police
Idaho Transportation Dept.
Industrial Commission
Office of the CIO
Office of the State Controller
Department of Correction
State Supreme Court
State Department of Education

MICHAEL FARLEY (CHAIR)
MIKE TELLER (VICE CHAIR)
BOB ROSS
BECKY BARTON-WAGNER
ERIC BECK
DAN RAIHA
SCOTT WILLIAMS
GLEN GARDINER
STEPHEN DEBOARD
JON SPENCE
BOB NERTNEY
MIKE LANGRELL
STEVEN HIGGINS
CHRIS VICTORY
ROBERT BUTLER
JON POPE
TAMMY SHIPMAN
RANDY TURNER
KEVIN IWERSEN
CHRIS CAMPBELL

** As of June 30, 2017*

RESPONSIBILITY / AUTHORITY OF ITLC:

- Implement the duties and responsibilities delegated by the Idaho Technology Authority (ITA) under I.C. 67-5745(C).
- Develop and recommend policies for approval by ITA.
- Create and approve technology standards and guidelines.
- Review and approve large-scale technology projects.
- Provide operational oversight of enterprise utility services offered to state organizations as part of the federated model.
- Plan for enterprise services focusing on innovation, improving service and cost savings.
- Perform other duties authorized or assigned by relevant authority.
- Report to ITA as required.
- Develop, implement and refine a cooperative process for state agency IT Governance based upon a federated model.
- Provide a forum to advocate and recommend to ITA adequate budgeting of collaborative projects and consolidation efforts.

During FY2017, the ITLC:

- Developed policy governing Privilege Access Management
- Developed policy and guidance governing Privacy
- Revised and updated standard governing Network Services-Internet/Intranet Web Server
- Revised and updated policies governing:
 - ⇒ Cloud computing
 - ⇒ Privacy
 - ⇒ Data Breach Management
- Revised and updated policy and guidance governing:
 - ⇒ Online File Storage Services
 - ⇒ Mobile Device Management
- Discussed IT-related procurement issues

ITLC TECHNICAL WORKING GROUPS (TWGs)

Security TWG



Led by the State Chief Information Security Officer (CISO), the Security TWG developed and reviewed ITA policies, standards and guidelines governing cybersecurity.

The CISO provided guidance to agencies in beginning the process of implementing the first five (5) Critical Security Controls (CSC) as required by the Governor's Cybersecurity Executive Order (EO 2017-02).

Cloud Sourcing Team

Led by the Division of Purchasing, an internal cloud sourcing team made up of subject matter experts from IT and Purchasing was formed to identify statewide cloud procurement needs.

IT Procurement Process Reform Team

Led by the Division of Purchasing, an internal IT procurement process reform team made up of subject matter experts from IT and Purchasing (with input from the Office of the Attorney General and the Office of Risk Management) was created to develop new language for Terms and Conditions.



2017 ITLC STRATEGIC PLANNING

For 2017, ITLC members, along with several ITA members, participated in two full day strategic planning sessions (meeting on November 29, 2016 for a “mid-year” session, and again on May 11, 2017). The resulting objectives align with the Governor’s Priorities, as well as the state strategic goals as illustrated below. The full **2017 State Government IT Strategic Plan** can be found on the “Plans and Reports” page of the ITA website at: <https://ita.idaho.gov/resources.html#strategicplans>

GOVERNOR’S PRIORITIES

Empowering Idahoans
Promoting Responsible Government
Enhancing Economic Opportunity



ITA and ITLC Goals and Objectives

Empowering Idahoans

GOAL: Improve delivery and accessibility of government services and information.*

Promoting Responsible Government

GOAL: Manage IT and information from the perspective of state government as a whole.

OBJECTIVE: Establish Information Management as a statewide discipline.

GOAL: Safeguard the privacy and security (confidentiality, integrity, and availability) of information.

OBJECTIVE: Establish a progressive, holistic enterprise approach to cybersecurity for the state.

GOAL: Seek improvement in all aspects of information technologies and services.

OBJECTIVE: Collaborate on solutions to improve effective and efficient system delivery mechanisms for all agencies statewide.

Enhancing Economic Opportunity

GOAL: Promote collaborative relationships among all entities, public and private.*

**Specific objectives related to these goals were completed last year.
New objectives will be identified in a future strategic planning cycle.*

IDAHO GEOSPATIAL COUNCIL—

EXECUTIVE COMMITTEE (IGC-EC)

The IGC-EC is comprised of geospatial technology leaders from stakeholder groups around the state (including representatives from state, federal, and local government) and meets bi-monthly to provide policy-level direction and promote the efficient and effective use of resources for matters related to Geographic Information. This committee acts as the decision-making and steering body for the Idaho Geospatial Council (IGC).

BY-LAWS:

<http://ita.idaho.gov/documents/IGCBylawsMarch2014.pdf>

STANDING MEMBERS

Idaho Geospatial Information Officer:
INSIDE Geospatial Clearing House:
USGS Liaison:
GIS Training and Research Center:

Bill Farnsworth
Bruce Godfrey
Tom Carlson
Keith Weber

ELECTED MEMBERS *

STATE:	Pam Bond (CHAIR)	Dept. of Fish & Game
	Stephen Cox	Dept. of Agriculture
FEDERAL:	Jerry Korol	Natural Resources Conservation Service (NRCS)
	Rick Campbell	U.S. Census Bureau
LOCAL:	Jared Stein	Bannock County Assessor
	Donna Phillips	City of Hayden
	Dennis Hill	City of Pocatello
TRIBAL:	Laurie Ames	Nez Perce Tribe
UTILITY:	Candice Dodson	Idaho Power
PRIVATE:	Chase Fly	Frontier Precision, Inc.
OPEN:	Stewart Ward	Dioptra Geomatics
	Wilma Robertson	Dept. of Water Resources

Membership as of June 30, 2017

** The ITA retains the authority to approve elected members, with elected members serving staggered, two-year terms beginning April 1 and ending March 31. Elections are coordinated by ITA staff.*

During FY2017, the IGC and the IGC-EC held regional fall and spring meetings in accordance with their By-Laws:

The IGC held their Fall (2016) meeting in Coeur d' Alene and their Spring (2017) meeting in conjunction with the Intermountain GIS Conference in West Yellowstone, Montana. These meetings inform the larger State GIS community about the work of the IGC-EC and also provide the community a platform for sharing their work.

The IGC-EC discussed a variety of topics and approved several action items during the course of the fiscal year:

- Reviewed and approved the Control Point Standard developed by the Geodetic Control TWG.
- Created an Esri GeoNet Group forum, allowing IGC members to post GIS-related questions and seek responses from within the GIS community in Idaho.
- Began development of a single list/inventory of authoritative datasets.
- Heard regular updates from the various Technical Working Groups (TWGs)
- Heard updates on:
 - ⇒ The US Geological Survey's 3D Elevation Program (3DEP)
 - ⇒ The Esri statewide contract
 - ⇒ The Parcel Project
- Began work on implementing the goals and objectives of the State GIS Strategic Plan, which was approved by the ITA on December 6, 2016. The full plan can be viewed at: https://ita.idaho.gov/documents/ISDI_StrategicPlan_APPROVED_20161206.pdf.
- Hosted a Spatial Data Infrastructure (SDI) Workshop to educate GIS staff on the dataset nominating process.



TECHNICAL WORKING GROUPS (TWGS):

In order to support the initiatives and needs of the IGC, the Executive Committee has designated long-term TWGs to provide expertise and focused effort in specific areas of interest, including the Idaho Spatial Data Infrastructure (ISDI) initiative. The following TWGs reported regularly to the IGC-EC, providing critical data for discussion and decisions:

Hydrography - The Hydrography Technical Working group (Hydro TWG) focus is the surface waters and watersheds in Idaho. The Hydro TWG provides a mechanism for editing, updating and enhancing digital hydrography in Idaho. The Hydro TWG also assists in coordination, and the development of standards for Idaho's hydrography needs, as well as facilitating contributions to national hydrography related datasets. Activities over the last year have focused on supporting the Idaho Spatial Data Infrastructure (ISDI) Initiative as envisioned in the State GIS Strategic Plan.



The Hydrography Data Exchange Standard (Version 2.0) was approved in 2015, and the TWG is actively updating the National Hydrography Dataset (NHD) and receiving potential edits for both NHD and Watershed Boundary Dataset (WBD). Information about specific activities can be found at <http://www.idwr.idaho.gov/GIS/NHD/>



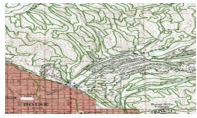
Imagery - The 2017 Idaho NAIP (National Agriculture Inventory Program) is being flown during the summer of 2017. The deliverables will be 1-meter resolution, 4-band (R,G,B,IR) GeoTiffs. The Idaho NAIP image services will continue to be provided by [University of Idaho's INSIDE Idaho](#) and [Idaho State University's GIS TRoC](#).

INSIDE Idaho, in coordination with the Imagery TWG, is investigating which aerial imagery properties and associated services are most important to the GIS community for discovery, access, and explorability of aerial imagery collections and are conducting a [survey](#) to help enhance access to these collections. The Imagery TWG met quarterly during FY17.

Geodetic Control – The Geodetic Control TWG provides advice and guidance regarding the horizontal and vertical positional underpinnings for the spatial data infrastructure of Idaho. The TWG is composed of both GIS professionals and surveyors, and is currently focused on the real-time Global Navigation Satellite System (GNSS) operating in Idaho. To enable this, they have teamed with Utah's AGRC (TURN) to provide immediate coverage across east Idaho with plans to provide real-time correction coverage across all of Idaho in the future. A second focus is the control point database and its web

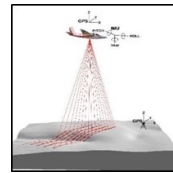


map hosted by Idaho State University's GIS TReC. These control points are used by the geospatial community to improve parcel mapping, right-of-ways, etc. The TWG authored the control point standard which was approved by the IGC-EC on September 15, 2016.

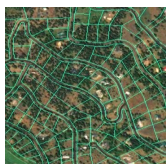


Soils – The Soils TWG was created in 2014 to discuss issues around the lack of a comprehensive statewide soil dataset in Idaho. Key discussion topics since then have included state areas not covered by the Natural Resources Conservation Service (NRCS) soil database, soil survey boundaries, soil dataset complexity and end-user ease of use, INSIDE Idaho hosting of the data, and the possibility of linking to the USDA Web Soil Survey. A Soil Dataset nomination has been drafted, with approval anticipated sometime during FY18.

Elevation – High resolution topography, primarily LiDAR, is the focus of the Elevation TWG. In FY17, the TWG continued its' focus on statewide coordination of LiDAR planning, acquisition, and data distribution by conducting a statewide prioritization survey. Information gathered will be included in the statewide LiDAR acquisition plan to acquire LiDAR for the State of Idaho.



Parcels – The Parcels TWG has developed two datasets, a public set (with limited data that is deemed public by the counties), and a comprehensive set for interagency sharing with more complete data (including owner's name). Information on these datasets, as well as more information about the Parcels TWG can be found at: <http://gis.idaho.gov/portal/TIM/parcels.html>. The TWG has been inactive since the development of the datasets, but will reconvene as needed to review standards and draft updates. The Parcel Project using the standards developed by the TWG can be found at: www.idaho.gov/parcels and continues to contact counties to encourage their participation in the project. The statewide parcels map is available at: www.parcels.idaho.gov



Cadastral Reference – Cadastral Reference is the spatial grid of township, range, section, quarter-quarter lines, special surveys, mineral surveys or any line or corner established by a federal survey generally referred to as the Public Land Survey System (PLSS). The Cadastral National Spatial Data Infrastructure (CadNSDI) version 2.0 is now in the parcel fabric using the local government model, and many areas have been adjusted. Survey grade points are collected from various sources, and the Idaho Dept. of Lands (IDL) began with state ownership and will in the future expand to private ownership parcels to get the entire state into the parcel fabric. IDL is continuing to gather points and surveys to adjust additional areas and the updated and current PLSS will be available for download on the IDL website in late August or early September 2017.

ACCESS IDAHO STEERING COMMITTEE AND IDAHO.GOV



The Access Idaho Steering Committee is comprised of business leaders from several state agencies and meets most months to review agency licensing agreements with Access Idaho, the State's "portal" contractor, and provides oversight of Idaho e-Government applications such as licensing, filing and renewals.

MEMBERS

BILL FARNSWORTH (CHAIR)	Department of Administration, Office of the CIO
ERIC BECK	Department of Labor
TIM HURST	Office of the Secretary of State
DAVE TOLMAN	Transportation Department
DAVE TAYLOR	Department of Health & Welfare
JEFF WALKER	Access Idaho

Current Access Idaho Enterprise Solutions:

Driver Record Dashboard (DRD)

DRD (an American Association of Motor Vehicle Administrators (AAMVA) international award recipient for its Innovative Use of Technology) enables companies that hire driver's licensed in Idaho to monitor license status and when medical records of their commercial drivers change. In 2016 DRD was enhanced with new reporting capabilities to assist Idaho companies in complying with federal motor carrier regulations. (<https://www.accessidaho.org/itd/monitoring/>)

License Renewals

Enables engineering and land surveying firms to renew and pay for their Certificate of Authorization (COA). Additionally, they are able to update address and contact information between renewal periods.

Websites & Webmasters

The Portal built a series of tool kits and templates as a resource for agency webmasters. (<https://www.accessidaho.org/webmaster/>) The tools allow state webmasters to relaunch their sites using HTML 5 as a responsive design to create a mobile friendly website. Examples include:

- Idaho Council for the Deaf and Hard of Hearing <http://cdhh.idaho.gov/>
- Idaho Independent Living Council <http://silc.idaho.gov/>
- Science Technology Engineering and Math action center (STEM) <http://stem.idaho.gov>
- Office of Group Insurance <https://ogi.idaho.gov/>
- FirstNet <http://firstnet.idaho.gov/> a site for first responders

Scheduled Payments

Health and Welfare's Criminal History Unit and Certified Family Homes use the service to set up and monitor automatic a one-time payment or schedule automatic repeating payments. (<https://www.accessidaho.org/scheduledpayments>)

On the Go (OtG)

The Idaho Real Estate Commission launched OtG to collect fees in the field with a smart phone using the state's OtG service. Download OtG to your phone at: www.onthego.idaho.gov Connect the app to a mobile thermal printer by Bluetooth.

Title or Registration Record Search

This application allows individuals, financial institutions, dealerships, and others to obtain a title or registration record for a vehicle they own, or for a vehicle they may be purchasing, financing, accepting as a trade in, etc. (<https://www.accessidaho.org/secure/itd/mvr/lookup.html>)



Event Registration

Division of Human Resources launched the Portal's event registration service to assist with registering state employees for their training events.

My Events 2 Go *(A mobile event agenda)*



Idaho Transportation Department used the Portal's smart phone application to provide an online mobile agenda when Idaho hosted the Western Association of State Highway Transportation Officials (WASHTO) Annual Conference. Download the app to your phone or mobile device from: www.myevents2go.com



NASCIO STATE IT RECOGNITION AWARDS

In 2017 over 100 projects were nominated (nationwide) to the prestigious National Association of State CIOs (NASCIO) IT Recognition Awards. Nominated projects included three from Idaho, one of which was named a finalist in it's category! These submissions help increase awareness of successful projects undertaken in Idaho, and all project nominations will be posted on the NASCIO website at: <http://www.nascio.org/awards>.

2017 Project Nominations:

Category—Digital Government: Government to Citizen (G– C)

Idaho Retirement Information System (IRIS) *FINALIST!*

Idaho Public Employee Retirement System of Idaho (PERSI)

Category—Open Government and Data, Information & Knowledge Management

Government Records Management System

Idaho State Historical Society

Category—Improving State Operations

Online Insurance Verification

Idaho Transportation Department

ITA STAFF

The Department of Administration, Office of the CIO, provides staff support for, and works in tandem with, the ITA to improve the efficiency and productivity of Idaho State Government in its statewide use of emerging information technologies and communications services.

Staff is responsible for development of the State's IT Plan; staffing support to the ITA and its' subcommittees; research and development of statewide IT applications; and coordination, facilitation and implementation of the State's long-range, enterprise-wide technology planning efforts and initiatives.

Biennially, during even years, staff assists in coordinating and compiling Idaho's response to the Center for Digital Government, Digital States Survey. Results of the most recent survey (2016) can be viewed at: <http://www.govtech.com/cdg/digital-states/>

Additionally, staff assists state agencies in effectively meeting their individual information technology needs. In cooperation with agency directors and IT management, they ensure that respective agency IT plans and major IT projects are in harmony with the direction as established by the State IT Strategic Plan and comply with the IT Policies and Standards as adopted by the ITA.



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