



OIT 2.0: What's Next

Suma Nallapati

Secretary of Technology & CIO

August 11, 2014



COLORADO
Governor's Office of
Information Technology

OIT: An Update for the JTC

Internal Focus for External Excellence



PRESENTATION AGENDA

- Introductions
- OIT 2.0 What's Next
- Back to Basics
- Accomplishments so far
 - OneView
 - Hiring Update
 - Wildly Important Goals
 - CORE
 - Ongoing Projects
 - Questions

OIT 2.0

Internal Focus for External Excellence



- Culture of Collaboration
 - Customers, Employees & Partners
 - Trusted Relationships
- Back to Basics
 - Focus on metrics that matter most to our customers
 - Consistent, frequent, clear communication
- Culture of “One call does it all”



Back to the Basics



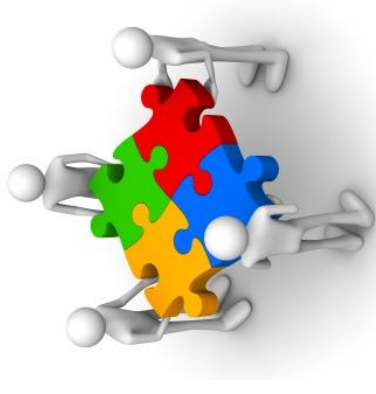
- **Install on-call system for ELT (aka Director on Duty)**
- **Begin reduction of onboarding time across all agencies**
- **Improve response time & first contact resolution of Service Desk tickets**
- **Align customers' needs with OIT's Playbook & Wildly Important Goals (WIGs)**



Accomplishments Since June 2014



- OneView Dashboard: Snapshot of each agency's key initiatives and project status updates
- Key positions Filled or in Process (CISO, CTO)
- Alignment of agencies' top projects with OIT FY15 planning & budget
- Launch of CORE
- 42% decrease in outages (June-July)



OIT | ONEVIEW

OneView is a customized transparent look at each agency's most important IT projects. It allows each agency to keep track of OIT's commitments to our customers on a monthly basis.

WHY ONEVIEW?

- OIT messaging to customers deliverables to customers was not consistent or clear
- Agencies need a high-level, consolidated view of OIT projects that impact them
- OneView encourages agencies to prioritize their most important projects

ONEVIEW COMPONENTS

- A Critical Projects List
- Finance Tracking
- Staffing Changes
- Technology Infrastructure Performance
- Planned IT Infrastructure Changes

BENEFITS TO CUSTOMERS

- Easily accessible monthly status updates based on agency priorities
- Creates high-level snapshot of customer relationship with OIT
- Specific and customizable for each agency
- Easy to understand

NEXT STEPS

- Increased collaboration with customers
- Highlight key strategic initiatives for each agency
- Show how projects and deliverables tie to agency initiatives
- Customizable metrics



COLORADO
Governor's Office of
Information Technology

Agency “OneView” Dashboards



OneView OIT/DOR Agency Dashboard May 2014



COLORADO
Department of Revenue



COLORADO
Governor's Office of
Information Technology

CRITICAL PROJECT DASHBOARD

| Priority | Project Name | Business | Project Status | IT | Stage | Original | New | Gal. | Reason on Dashboard |
|----------|--|----------|----------------|----------|----------------|------------|------------|------|-----------------------|
| 1 | Colorado DRIVES | Roth | Green | Trullio/ | Intale | 12/31/2017 | - | N | Large Project |
| 2 | Voltr Registration Self-Affirmation (SB14-161) | Roth | Green | INA | Intale | TBD | - | N | Legislation |
| 5 | Lottery Jackpot Vendor Project | Spencer | Green | Trullio | Develop/Build | TBD | - | Y | Large Project |
| 17 | Pipeline Project | Martinez | Red | Trullio | Implementation | 12/31/2014 | TBD | Y | Governors Interest |
| 21 | Drivers License and Identification Card Documentation | Guierrez | Green | Beebe | Develop/Build | 7/1/2014 | TBD | N | Legislation |
| 25 | Colorado Automated Testing System (CATS) | Hansen | Red | Jackson | Design | 5/31/2014 | - | Y | Department Goal |
| 26 | Q-Flow Integration for Grand Junction and Pueblo Drivers | Josles | Green | Beebe | Design | 6/30/2014 | - | N | Department Goal |
| 27 | Drivers License and Identification Card Production | Trout | Green | Ushiyama | Design | 10/31/2015 | - | N | Large Project |
| 33 | DOR Network Upgrade | Roth | Yellow | Willia | Implementation | 6/30/2014 | 7/20/2014 | Y | Decision Item Funding |
| 35 | Amitek Rev/Info | Roth | Green | Willia | Intale | 6/30/2015 | - | N | Decision Item Funding |
| 44 | DOR System Infrastructure Refresh (Hosting) | Jackson | Red | Jackson | Develop/Build | 6/30/2014 | 12/31/2014 | Y | Decision Item Funding |
| 62 | Drivers License Credit Card Payments (Lalwood) | Hansen | Green | Beebe | Intale | 12/31/2014 | - | Y | Department Goal |

OPERATIONS

- **Network Availability - 98.69%**
- **Systems Availability - 99.71%**
- **Major Incidents: (11)**
 - Weather (2) - Colorado Springs Svc Ctr, Golden DL
 - Network Connectivity (5) - CSTARS (4), DLO (1); resolved same day
 - Network Latency (1) - Pierce; resolved same day
 - Access (2) - CRIS, CSTARS; resolved same day
 - Hardware Failure (1) - Tumbleweed; resolved in 3 days

SUPPORT

- **1892 DOR calls received; 1096 CSTARS call received**
- **1020 DOR incidents* created; 1011 closed**
- **945 CSTARS incidents* created; 913 closed**
- **357 Changes* requested; 353 closed**

* Incident - break or failure; Change Order - Production code updates; m oves; requests (e.g. equipment, access)

PLANNED CHANGES [June]

- **6/5 - Pierce/Closet F HW Replacement; DOR MDS Switch link-up**
- **6/12 - Pierce/Closet E HW Replacement; Emission/Program Update**
- **6/13 - Morpho Changes Task Order #10**
- **6/21 - June 2014 CSTARS Update**
- **6/29 - Viber Server Reboot**

STAFFING

- **Dayton Harbo, Network Supervisor on board**
- **CDPS - Support transition discussion in progress**

FINANCE

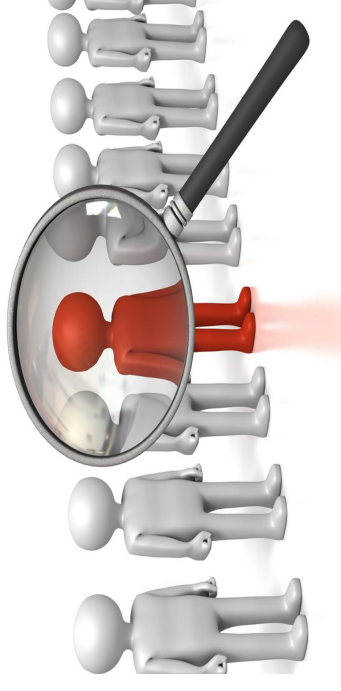
- **ITD Appropriation review completed**
- **CSTARS IA terminated**
 - New IA submitted on 6/7 for PMW/PWA
 - CSTARS resource justification provided
 - Charges to ITD Personal Services being adjusted

Same

Hiring Update



- **CISO**
 - Debbi Blyth: Starts today, August 11, 2014
- **CTO**
 - Chief Technology Officer: Starts in September
 - Director of Enterprise Applications: Chetna Mahajan starts today, August 11, 2014
 - OPEN: 18 positions including management, application development, infrastructure/network positions
- **CBMS Director**
 - Bill Stevens: Started in July
 - OPEN: Two Business Analyst positions



OIT's Wildly Important Goals (WIGs)



Back to Basics:

30% increase in Service Excellence by close of FY15

(Increase service excellence rating from 56 to 73 [30%] on scale of 0-200 by close of FY15)

Protecting State Assets and Data:

10% reduction in information security risk by close of FY15

(Reduce information security risk of Colorado agencies from 18.4 to 16.6 [10% reduction] by close of FY15)

Customer-Focused Employees:

2% increase in Employee Engagement by close of FY15

(Increase employee engagement score from 56% to 57% [2% increase] by close of FY15)

IT Job Growth:

1,000 more IT jobs in Colorado by close of FY15

(Increase the number of IT jobs in Colorado from 100,503 to 101,503 [1,000 increase] by close of FY15)



CORE Launch: Since July 1



\$4 Billion in Transactions

Medicaid payments, payroll, vendor payments

Used by 2,250 State Employees

System integrates budget and purchasing functions, replaces 22-year old accounting system written in COBOL

137,000 Documents Processed

Vendor Self Service: no more registration fees



Major Ongoing Projects (FY2015-16)



- “DRIVES”
- WyCAN
- CBMS Releases (National Award for RTE)
- 1700 Projects Across Agencies



JTC: Specific Topics of Interest



- Project Gating Process
- Data to the Cloud
- Open Data: Colorado Information Marketplace
- Broadband Mapping

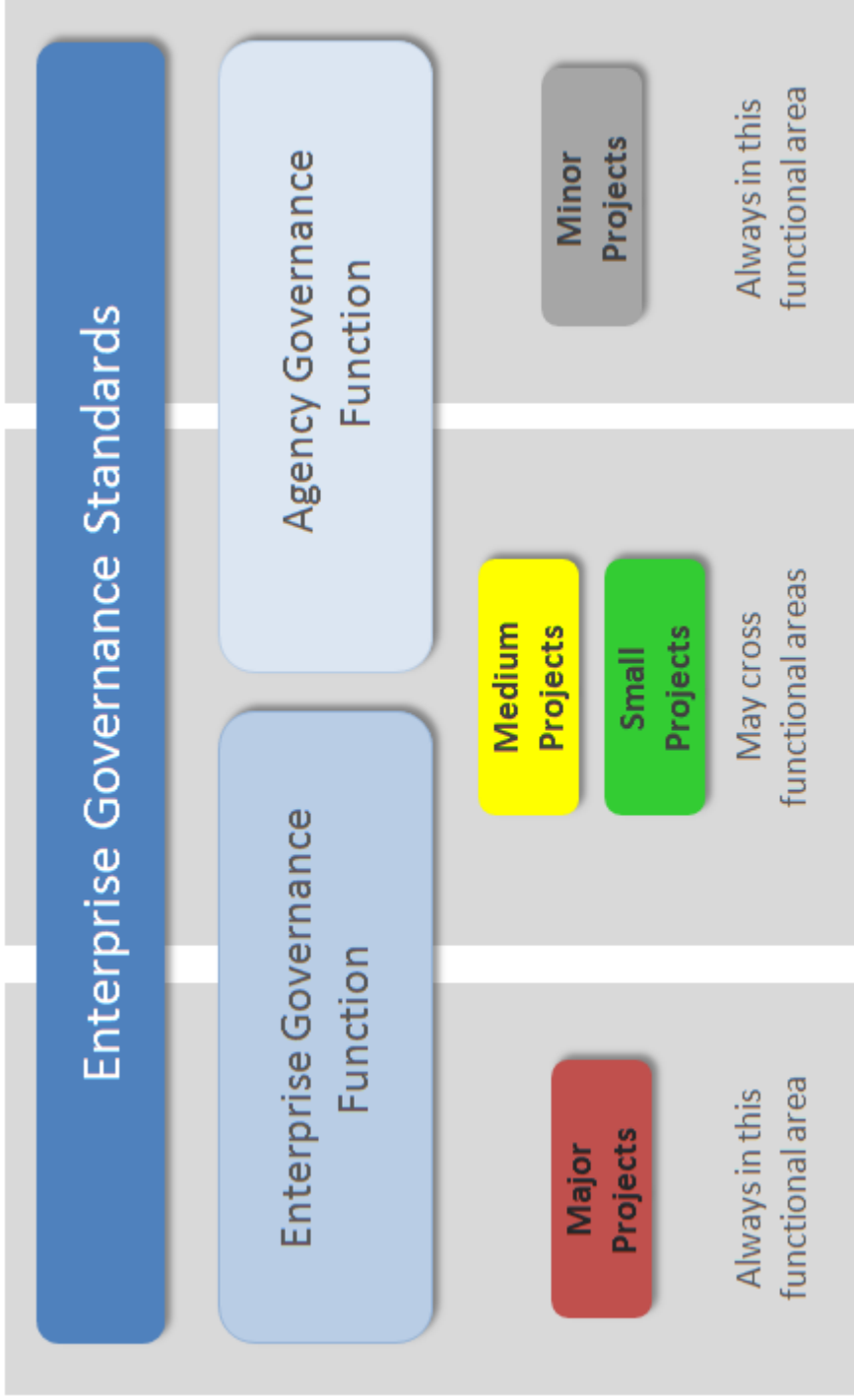


IT Sustainability: Gate Methodology

Enterprise Portfolio Project Management Office



Project Alignment Within Government



Major, Medium, Small Projects: Scaling is determined through completion of the Project Scaling and Risk Assessment template, which includes security risk, architectural impact, anticipated budget, number of users impacted, expected duration, as well as other factors.

Total Cost of Ownership



Operating Budget

- Software License
- Hardware (including out year replacements)
- Software Maintenance
- Hardware Maintenance
- Security Infrastructure

Personal Services Budget

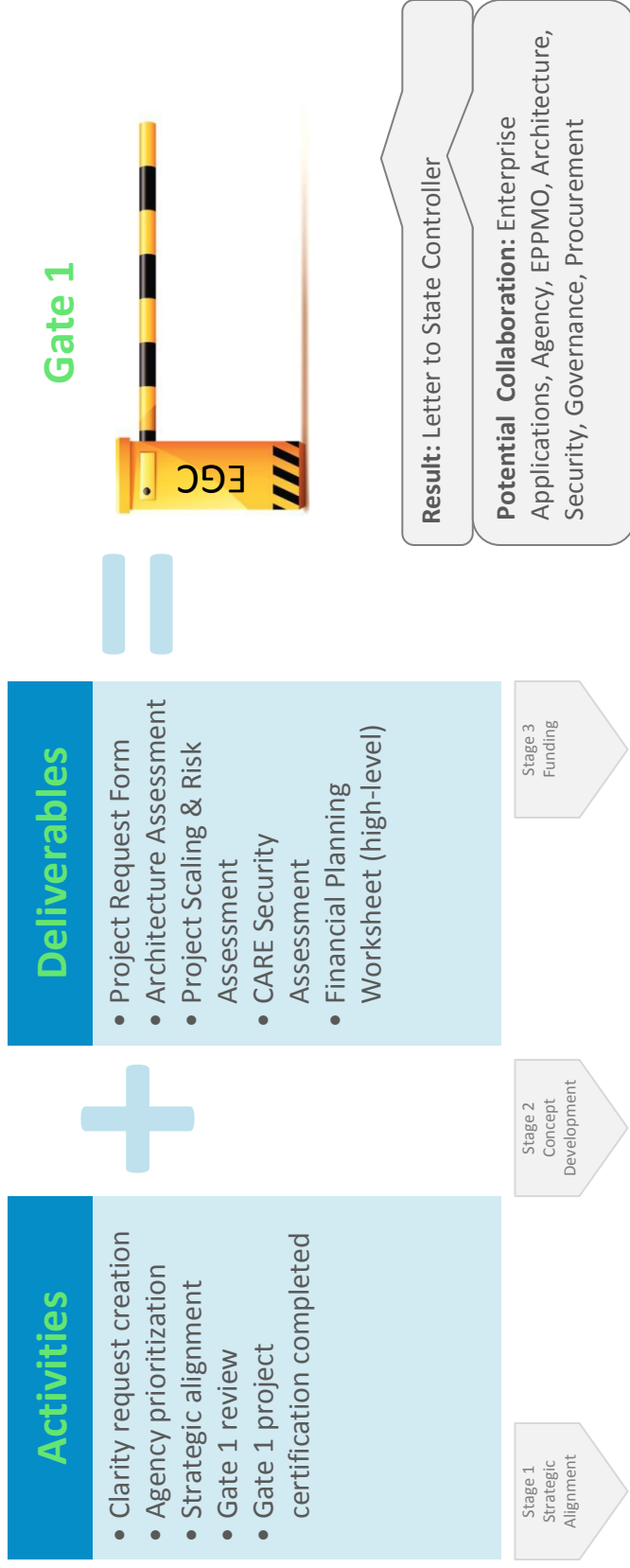
- Housing and/or Hosting Services
- Security Architecture Review
- Independent Verification & Validation (IV&V)
- Project Management
- Training
- Internal FTE - OIT (fully loaded)
- Internal FTE - Agency (fully loaded)
- External Vendor & 3rd Party Professional Services

Gate Process | Intake Phase



Keys:
 -Coordination
 -Communication
 It's all about
 Collaboration

- **Intake Objectives:**
 - Ensure only most important initiatives are brought forward and initiated
 - Ensure proposed projects have appropriate risk reviews and initial planning for scope, schedule and budget
 - Due diligence exercised early in lifecycle and framework for establishing continued oversight



Gate Process | Initiation Phase



- Initiation Objectives:**
 - o Funding sources and charge codes available when project formally begins
 - o Resource expectations identified
 - o Agency establishes project commencement time frame
 - o Outline concept and begin preliminary Initiation activities in preparation for project start



Activities

- Seek resource commitments (by role)
- PM assignment
- Establish spend authority
- Create charge code(s)
- Agency readiness date
- Go / No Go

Stage 3
Funding

Stage 4
Project
Initiation



Deliverables

- Gate Process & Certification Guide
- Formal funds verification
- Charge codes
- Funds availability date
- Agency readiness date
- Governance approval



Gate 2



Potential Collaboration : Enterprise Applications, Agency, EPPMO, Governance, Controllers

Gate Process | Planning Phase



- **Planning Objectives:**
 - Create plan for project execution and create associated documentation
 - Perform applicable oversight reviews and gain required approvals to proceed
 - Validate quality of project deliverables
 - Provide project Certification to State Controller



Activities

- Initiate project activities
- Project Budget & Timeline (Baseline)
- Architecture Assessment validation
- CARE Security Assessment validation
- Project Certification
- Go / No Go



Deliverables

- RACI
- Architectural Assessment approval
- Security office review of System Security Plan (SSP)
- Governance approval
- Project Certification
- IV&V plan



Gate 3



Stage 5
Project
Planning

Result: Letter to State Controller

Potential Collaboration: Agency, PM Role, Architecture, Security, Governance, Procurement, Service Ops

Gate Process | Execution Phase



- **Execution Objectives:**
 - Ensure accurate and quality execution
 - Validate developed solution meets risk standards
 - Certify solution deliverables, test results, and IV&V assessment
 - Successfully deliver solution to its operating environment



Activities

- Architecture validation
- Security validation
- Final project certification review
- Go / No Go
- Turn-over solution to operation support team

Stage 6
Project
Execution



Deliverables

- Deliverables acceptance
- Validated test results
- IV&V reports
- Architecture approval
- Security approval
- System Security Plan (SSP)
- Approval to operate (EGC)
- Governance approval
- Project solution



Gate 4



Potential Collaboration: Agency, PM Role, Architecture, Security, Governance, Procurement, Service Ops

Gate Process | Closing Phase



- **Closing Objectives:**
 - Training staff on system, service, and/or product changes
 - Issue final project reports to include IV&V, lessons learned, and associated close-out documentation
 - Solution acceptance by customer



Activities

- Customer acceptance
- Deliver final project collaterals
- Train staff as required
- Formal close-out project activities
- Final Project Certification



Deliverables

- Security Certification
- Project Acceptance
- Lessons learned
- Staff training
- Final IV&V reports
- Project Certification report



Hand-off



Result: EPPMO internal certification; Agency acceptance

Potential Collaboration: Agency, PM Role, Architecture, Security, Governance, Procurement, Service Ops



EPPMO Team & Purpose



MISSION: To bring value to the business by enabling the successful delivery of the business objectives. Provide leadership, oversight and guidance to the effective and efficient delivery of projects, programs and portfolios.

- o This will be accomplished by:
 - o Establishing and implementing a consistent Project Framework that is understood, sustainable and supported
 - o Providing project and change management resources, tools and guidance
 - o Providing visibility to projects through open communication and application of standardize portfolio management tools
 - o Ensuring business alignment, engagement, and partnership is sustained through the Information Technology Steering Committee (ITSC)

- o **Partner with customers to help provide sustainable solutions**





Data to the Cloud

Agenda



- 1 Defining “Cloud” (NIST)
- 2 Stats & Facts (Overview)
- 3 Building Blocks (Standard Environment)

Cloud Cheatsheet



5 “Essential Characteristics” of Cloud, according to NIST*

<http://csrc.nist.gov/publications/nistpubs/800-145/SP800-145.pdf>

On-demand self-service. A consumer can unilaterally provision computing capabilities, such as server time and network

storage, as needed automatically without requiring human interaction with each service provider.

Broad network access. Capabilities are available over the network and accessed through standard mechanisms that promote use by heterogeneous thin or thick client platforms (e.g., mobile phones, tablets, laptops, and workstations).

Resource pooling. The provider’s computing resources are pooled to serve multiple consumers using a multi-tenant model, with different resources dynamically assigned and reassigned according to consumer demand. There is a sense of location independence... Examples of resources include storage, processing, memory, and network bandwidth.

Rapid elasticity. Capabilities can be elastically provisioned and released, in some cases automatically, to scale rapidly outward and inward commensurate with demand. To the consumer, the capabilities available for provisioning often appear to be unlimited and can be appropriated in any quantity at any time.

Measured service. Cloud systems automatically control and optimize resource use by leveraging a metering capability at some level of abstraction appropriate to the type of service (e.g., storage, processing, bandwidth, and active user accounts). Resource usage can be monitored, controlled, and reported, providing transparency for both the provider and consumer of the utilized service.

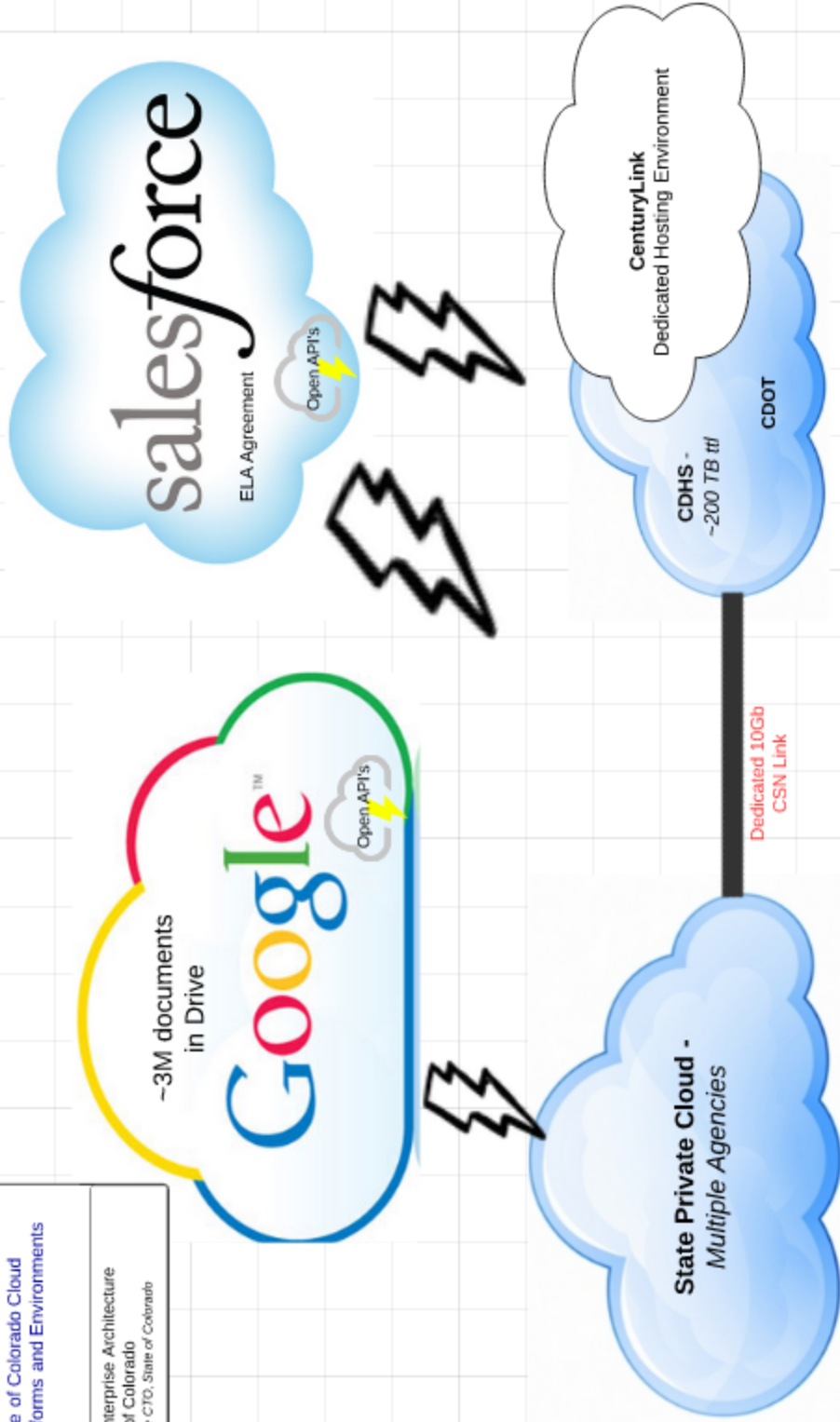
*Critically important during federal regulations involving FISMA & FedRAMP compliance requirements

State of CO Cloud Presence



OIT OIT Cloudiness:
State of Colorado Cloud
Platforms and Environments

Author: Casey Carlson, Dir, Enterprise Architecture
Governor's Office of IT, State of Colorado
All images property of OIT Office of the CTO, State of Colorado



State Hybrid-Cloud Building Blocks

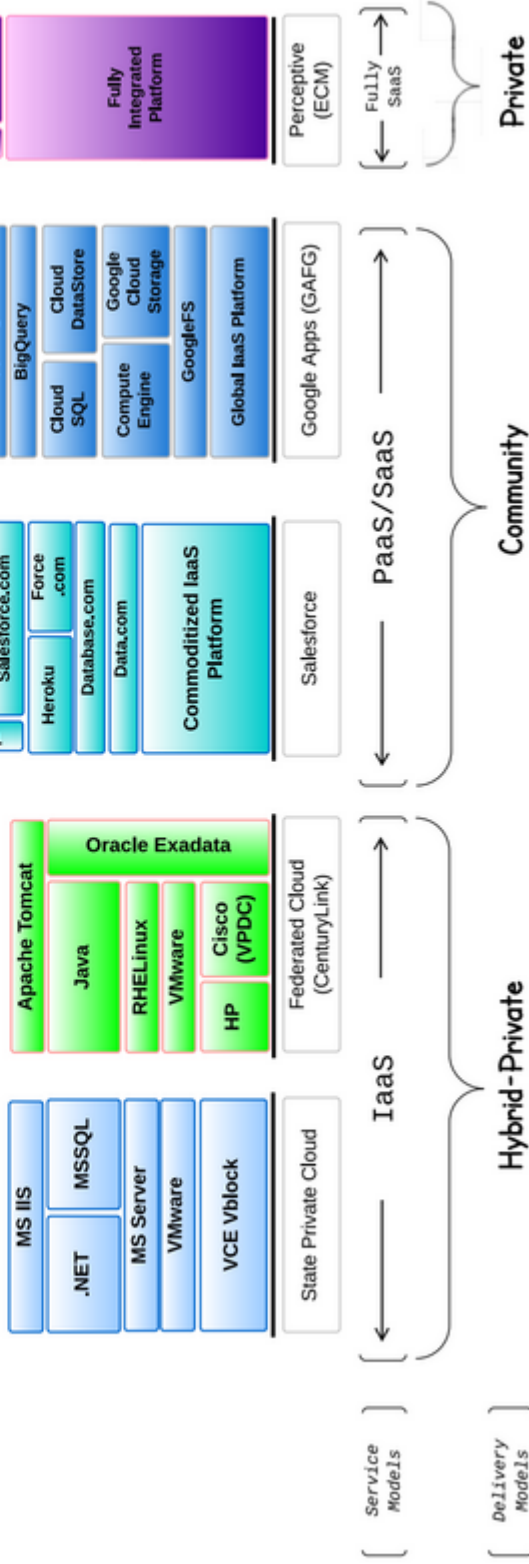
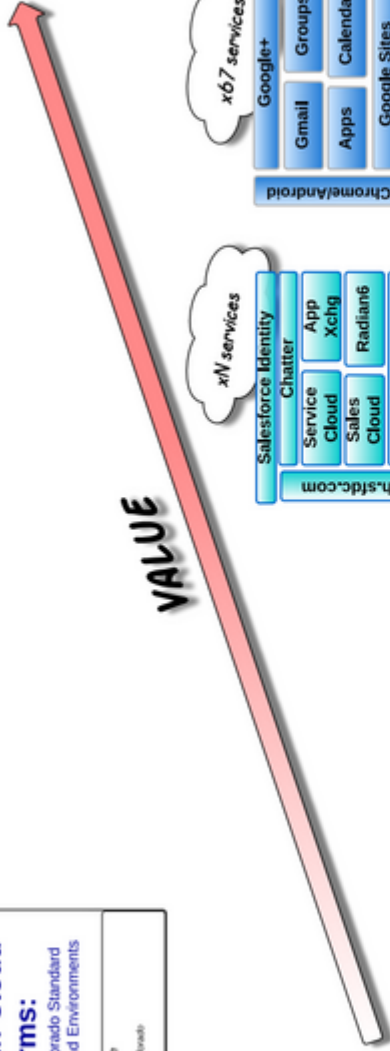


Value in Cloud Platforms:
State of Colorado Standard Platforms and Environments

OIT
Office of Information Technology

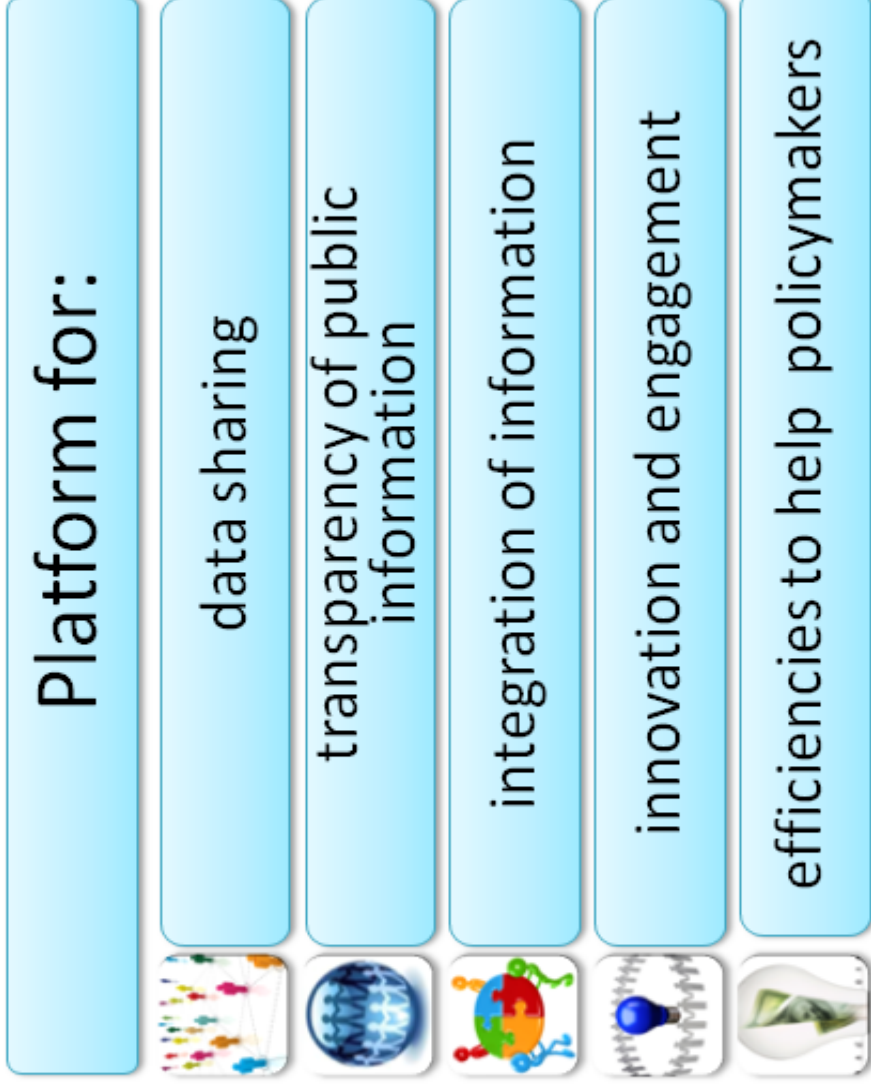
Author: Casey Carlson, Dir. Enterprise Architecture
Governor's Office of IT, State of Colorado
All images property of OIT Office of the CTO, State of Colorado
Revision Date: 2014/01

VALUE



Colorado Information Marketplace

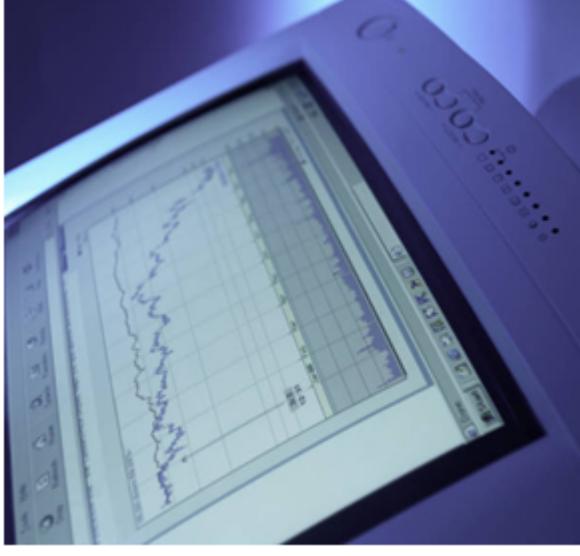
data.colorado.gov



SERVICES



Cataloguing, Public
Dataset, Transparency
data.colorado.gov





Publication

Who Wants Data?



Citizens

Web Developers



Journalists

Decision & Policy

Makers



You!



Federal, States, Cities & Counties



Early Learning

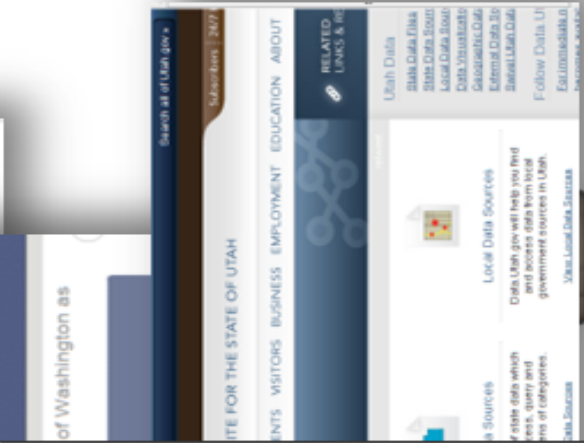
U.S. DEPARTMENT OF EDUCATION LAUNCHES NEW EARLY LEARNING MAP ON DATA.ED.GOV

The U.S. Department of Education (ED) has launched a new early learning mapping site on <http://data.ed.gov>, so the interested individual can use tools to look at discretionary ED grant programs that focus on or include early learning.

Data.ed.gov is a website developed by the Department of Education to share data about the grant programs and is part of the Obama Administration's Open Government Initiative. ED will use data.ed.gov to publish data sets about its grant programs and performance and other data that it collects on an ongoing basis.

Data.ed.gov builds on the approach of data.gov by including tools that allow users to visualize the data. Users can enter terms into the "Search" field to find applications that match the specified terms, select filters to narrow the list of applicants to a specific group of interest, and zoom in on different areas of the map. By clicking on the dots on the map, users can see which programs are located in a state, city or other geographic area.

Please visit <http://data.ed.gov> to learn more.



Colorado Information Marketplace



WELCOME!

Data.colorado.gov is an exciting new open portal service that allows state agencies and other public sector entities to post public datasets for citizen consumption. From this site, you can view the data and then process it in a variety of ways to produce summaries, charts, graphs and maps. Searches can be performed that extend all the way into the data itself. The portal provides HTML to embed most views and API features to support many creative efforts. We invite your comments and dataset suggestions, and hope you find this service of value.



2012 Signed Bills

A comprehensive list of all bills signed by Governor Hickenlooper from the 2012 Legislative Session. Note that this list does not include some bills



Map of CDHS Locations

Valuable information about the locations of social services within the State of Colorado.



Map of Colorado County Seats

Colorado's counties and their county seat along with EPA FIPS codes.



Map of Colorado Governmental Agencies

This map illustrates the variety of governmental entities that exist in the State of Colorado. It was created with a simple

Easy Access to Information...



- Web-based
- One click catalog search
- One click data search



State Employees
Based on a private view.
Salaries of all government employees in the state.

| | Employee Name | Employee Status |
|----|----------------------|-----------------|
| 1 | Abrams, Adam W. | Employee |
| 2 | Adams, Ian H. | Employee |
| 3 | Agnew, David F. | Employee |
| 4 | Albino, James | Employee |
| 5 | Aldy, Jr., Joseph E. | Employee |
| 6 | Alley, Hillary J. | Employee |
| 7 | Amorsingh, Lucius L. | Employee |
| 8 | Anderson, Amanda D. | Employee |
| 9 | Anderson, Charles D. | Employee |
| 10 | Andrias, Kate E. | Employee |
| 11 | Anello, Russell M. | Employee |
| 12 | Asen, Jonathan D. | Employee |

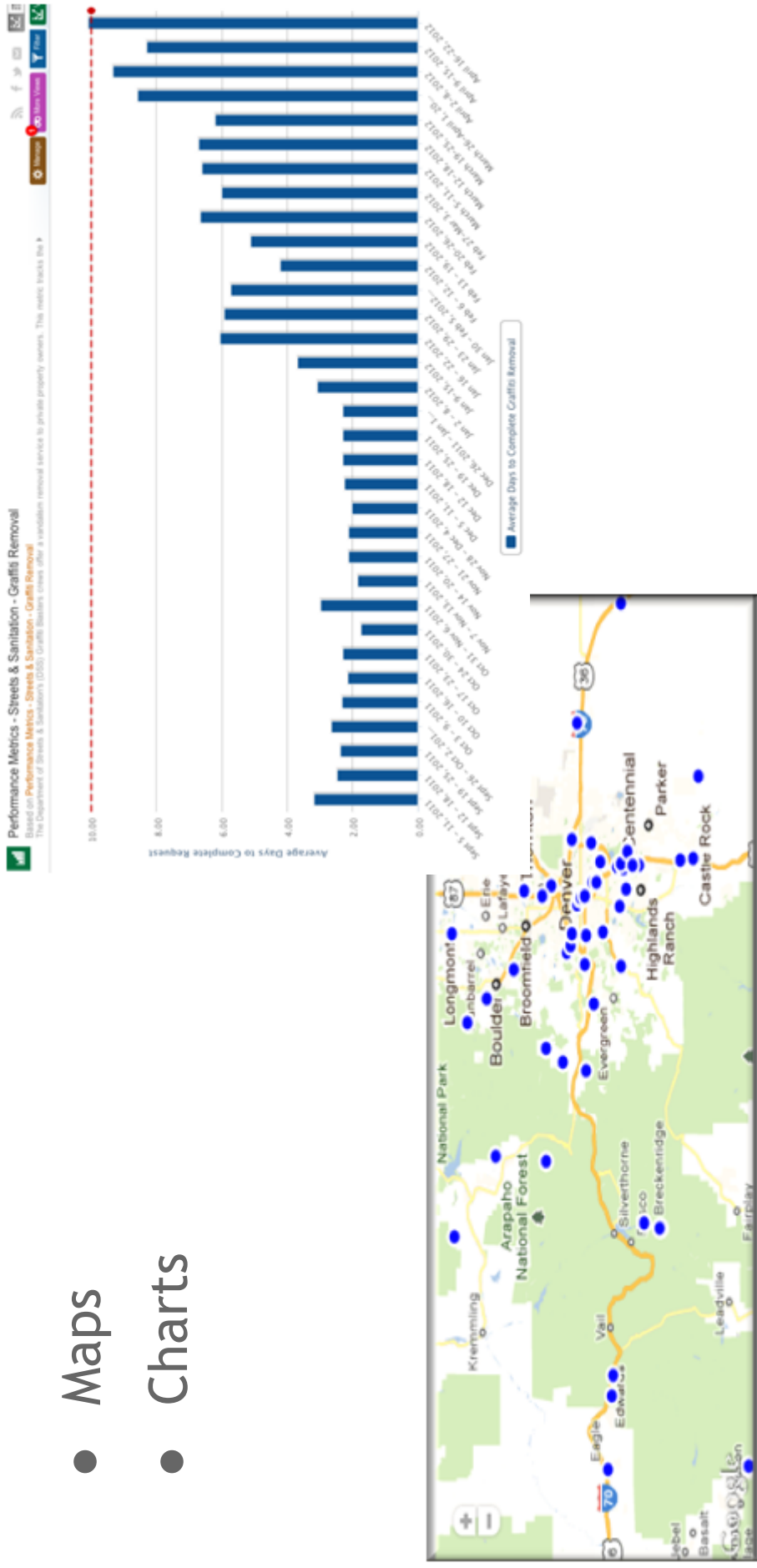
Search & Browse Datasets and Views



Easier to Understand and Visualize



- Maps
- Charts

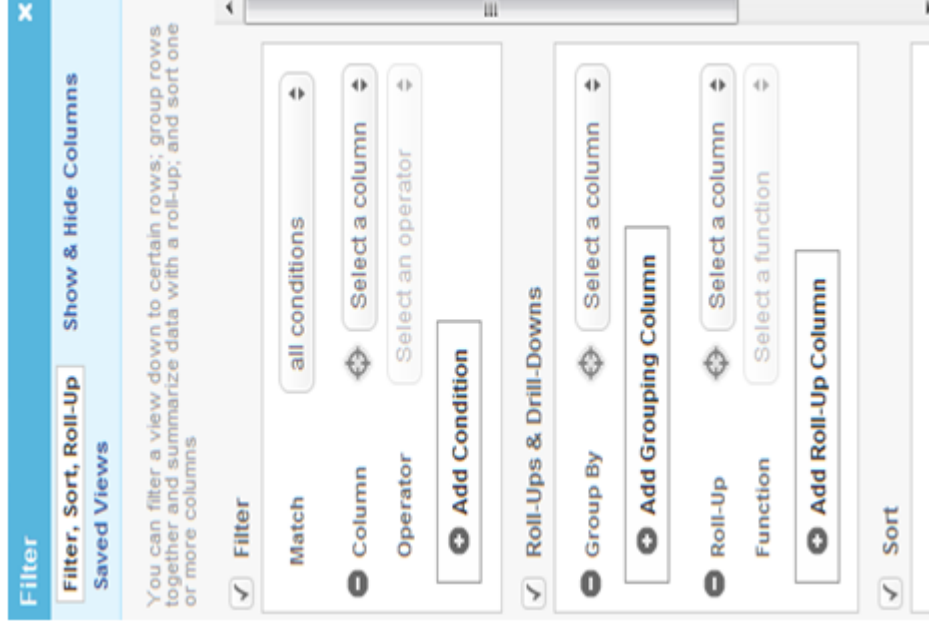


Map of Eligible Government Entities based on a
SIPA dataset

View the data the way *YOU* want to



- Customized views
- Filter
- Grouping
- Rollups/Drill Down
- Custom visualizations on the fly



View the data the way YOU want to



Embed

Form

Social Data Player

The Social Data Player enables you to publish this dataset on the internet at large

Embed this Dataset

```
<div><iframe width="500px" title="Boat Facilities Data" height="425px" src="http://data.oregon.gov/w/spxe-q5vj/k5yp-q3pt?cur=pX1QZpjdlUj&from=root" frameborder="0" scrolling="no"><a href="http://data.oregon.gov/Recreation/Boat-Facilities-Data/spxe-q5vj" title="Boat Facilities Data" target="_blank">Boat Facilities Data</a></iframe><p><a href="http://www.socrata.com" target="_blank">Powered by Socrata</a></p></div>
```

Size

| | | |
|---------|---------|---------|
| 500x425 | 760x646 | 950x808 |
|---------|---------|---------|

Easy to Embed Data Player or Form Entry

Visualize **Export** **Discuss** **Embed** **About**

Export API

Access this dataset via SODA

The Socrata Open Data API (SODA) allows in software developers to access data hosted in Socrata datasets and create applications that use the SODA APIs to visualize and "mash-up" Socrata datasets in new and exciting ways. Create an iPhone application that visualizes government spending in your area, a web application that allows citizens to look up potential government benefits they'd overlooked, or a service that automatically

Visualize **Export** **Discuss** **Embed** **About**

Export API

Subscribe

Subscribe to this dataset to stay up to date

Choose your reader below

[Google™](#) [MY Yahoo!](#)
[BLOG LINES](#) [news/gator](#)
[netvibes](#) [Pageflakes](#)

Download as RSS
Open in External Program

RSS & 6 Readers

Export

API

Subscribe

Print

Download

Download a copy of this dataset in a static format

Download AS

| |
|------|
| CSV |
| JSON |
| PDF |
| RDF |
| RSS |
| XLS |
| XLSX |
| XML |

Done

Download in 8

Formats

Rate, Share, Discuss and Suggest



Activity

| |
|------------------|
| Community Rating |
| Your Rating |
| Raters |
| Visits |
| Downloads |
| Comments |
| Contributors |

Discuss

The discussion feed shows your conversation and activity around this dataset.

Show [all items](#)

Johnconley created a dataset Mapping EGEs - Local Government

3 weeks ago

Dataset Suggestions

Submitted by Gene Newton

Food Inspection Information
April 25, 2012 (5 days ago)

It would be really useful to have a data set with the latest food inspection results for establishments serving food throughout the state.

2 official responses on this suggestion

Search & Browse Datasets and Views

Name Crimes - Map Public Safety crime, police

This dataset reflects reported incidents of crime that Data is extracted from the Chicago Police Department crime victims, addresses are shown at the block level, may be based upon preliminary information supplied by the Research & Development Division of the Chicago Police Department. This information may be changed at a later date. Therefore, the Chicago Police Department does not warrant the accuracy, completeness, or timeliness of the information, and the information should not be used for any purpose other than to provide general information. The Chicago Police Department specifically acknowledges that the Chicago Police Department's use of the information is not intended to be used for any purpose other than that of the Chicago Police Department. The unauthorized use of the information is strictly prohibited. The unauthorized use of the information is strictly prohibited. The unauthorized use of the information is strictly prohibited.

Share [Facebook](#) [Twitter](#)

Foster care
December 01, 2011 (5 months ago)

It would be helpful to have a dataset with information about children in foster care by age, race, county, length of time in care, monthly and annual cost, demographics of foster parents including age, race, income, marital status, biological children.

1 official response on this suggestion

pedestrian incidents in Springfield
November 01, 2011 (6 months ago)

2 official responses on this suggestion

Files **Rating** **Status**

Suggest a Dataset



Colorado The Official State Web Portal

Hello, David Main Administration Home Colorado.gov Help Sign out

CDHS Locations

Useful information about the locations of social services from the Colorado

| | Department | Director | Phone | Fax | Comments | Location |
|----|--|-------------------------------------|----------------|----------------|---|----------|
| 1 | Adams - Department of Human Services | Dr. Donald M. Cassata, Director | (303) 287-8931 | | 24/7 Hotline: (303) 412-5212 | 7190 C |
| 2 | Alamosa - Department of Human Service | Larry Henderson, Director | (719) 589-2581 | (719) 589-9794 | After Hours: Colorado State Patrol Di | 8900 In |
| 3 | Arapahoe - Department of Human Servic | Cheryl Termes, Director | (303) 636-1130 | | 24/7 Hotline: (303) 636-1750 | 14980 |
| 4 | Archuleta - Department of Human Servic | Erlinda Gonzales, Director | (970) 264-2182 | (970) 264-2186 | After Hours: Police Dispatch (970) 26 | 551 Ho |
| 5 | Baca - Department of Public Welfare | Ruth Wallace-Porter, Director | (719) 523-4131 | | After Hours: Baca Sheriff Dispatch (7 | 772 Co |
| 6 | Bent - Department of Social Services | William G. Schultz, Director | (719) 456-2620 | (719) 456-2945 | | 215 2nd |
| 7 | Boulder - Department of Housing and Hu | Frank Alexander, Director | (303) 441-1000 | | 24/7 Hotline: (303) 441-1000 | 3400 B |
| 8 | Broomfield - Department of Health and H | Debbie Oldenette, Director | (720) 887-2200 | (720) 469-2110 | 24/7 Hotline: (720) 887-2271 | 6 Gard |
| 9 | Chaffee - Department of Health and Hum | Philip Maes, Director | (719) 539-6827 | (719) 539-6430 | After Hours: Police Dispatch (719) 53 | 448 Fir |
| 10 | Cheyenne - Department of Health and Hi | Kindra Mulch, RN, Director | (719) 767-5829 | (719) 767-5101 | After Hours: Law Enforcement Dispat | 51 1st C |
| 11 | Clear Creek - Department of Health and I | Cindy Dicken, Director | (303) 679-2365 | (303) 679-2443 | After Hours: Clear Creek Sheriff's Off | 405 Ar |
| 12 | Conejos - Department of Social Services | Maria Garcia, Director | (719) 376-5455 | (719) 376-2389 | After Hours: On-Call Phone (719) 58 | 12989 |
| 13 | Costilla - Department of Social Services | Tommy Vigil, Interim Director | (719) 672-4131 | | After Hours: Sheriff's Office Dispatch: | 123 Ga |
| 14 | Crowley - Department of Human Services: | Tonia Burnett, Director | (719) 267-3546 | | After Hours: Sheriff's Office Dispatch | 631 Ma |
| 15 | Custer - Department of Social Services | Laura Lockhart, Director | (719) 783-2371 | (719) 783-2885 | After Hours: Sheriff's Office (719) 783 | 205 6th |
| 16 | Delta - Department of Health and Human | Chuck Lemoine, Director | (970) 874-2030 | (970) 874-2068 | After Hours: Delta County Dispatch (| 560 Do |
| 17 | Denver - Department of Human Services | Patricia Wilson Pheanious, Director | (720) 944-3666 | (720) 944-3019 | 24/7 Hotline: (720) 944-3000 | 1200 Fi |
| 18 | Dolores - Department of Social Services | Dennis A. Story, Director | (970) 677-2250 | (970) 677-2859 | 24/7 Hotline: (970) 565-8441 | 409 Ma |
| 19 | Douglas - Department of Human Service | Barbara Drake, Director | (303) 688-4825 | (303) 814-0923 | After Hours: Douglas Sheriff's Office (| 4400 C |



Colorado Counties With Population Under 1,000 | Data | State of Colorado

https://data.colorado.gov/Human-Services/Colorado-Counties-With-Population-Under-1-000/7hsc-j37

Colorado The Official State Web Portal

Colorado Counties With Population Under 1,000
Based on CDHS Locations
Useful information about the locations of social services from the Colorado

| | Department | Director | Phone | Fax |
|---|---|----------------------------|--------------------------|----------------|
| 1 | Hinsdale – Department of Public Health | Tara Hardy, M.S., Director | (970) 944-2225 | (970) 944-1122 |
| 2 | Mineral – Department of Social Services | Jody Kern, Director | (719) 657-3381, ext. 100 | (719) 657-4013 |
| 3 | San Juan – Department of Social Service | Lezlie Mayer, Director | (970) 387-5326 | (970) 387-5236 |

Filter this dataset based on contents.

You are in simplified mode. Go advanced now?

County Population is less than

1000

As a publisher of this view, you may define the default set of filters visitors will be presented with.

Edit Default Filter

Terms of Service Contact Us Powered by Socrata

Chrome File Edit View History Bookmarks Window Help

Personal Colorado State Trello Log In | Trello OIT

<https://data.colorado.gov/Human-Services/Pie-Chart-of-Colorado-County-Populations/s6y8-j45g>

Colorado State Trello Log In | Trello OIT

Colorado The Official State Web Portal

Pie Chart of Colorado County Populations
Based on CDHS Locations
Useful information about the locations of social services from the Colorado Department of Human Services within the

Home Colorado.gov Help Sign Up Sign In

Find in this Dataset

Visualize Filter Export Discuss Embed About

Manage More Views

Denver - Department of Human Services
County Population 610,345

Las Animas - Department of Human Services
Teller - Department of Social Services
Elbert - Department of Social Services
Routt - Department of Human Services
Montezuma - Department of Social Services
Morgan - Department of Human Services
Montezuma - Department of Human Services
Montrose - Department of Health and Human Services
Delta - Department of Health and Human Services
Fremont - Department of Human Services
La Plata - Department of Health and Human Services
Eagle - Department of Health and Human Services
Broomfield - Department of Health and Human Services
Carfield - Department of Human Services
Mesa - Department of Human Services
Pueblo - Department of Social Services
Weld - Department of Human Services
Douglas - Department of Human Services
Larimer - Department of Human Services
Boulder - Department of Housing and Human Services
Adams - Department of Human Services
Jefferson - Department of Human Services
Arapahoe - Department of Human Services
El Paso - Department of Human Services

Terms of Service Contact Us

Powered by Socrata



Map of CDHS Locations | Data | State of Colorado

https://data.colorado.gov/Human-Services/Map-of-CDHS-Locations/ua85-swyy

Colorado The Official State Web Portal

Map of CDHS Locations
Based on CDHS Locations
Useful information about the locations of social services from the Colorado

Map data ©2012 Google, INEGI - Terms of Use, Report a map error

Terms of Service Contact Us Powered by Socrata

| | |
|-----|--------|
| 555 | 610345 |
|-----|--------|

Mobile Apps



- Raw data can be used to create apps for mobile devices that make government information more easily accessible
- Development of innovative services could create new business opportunities



Questions about data.colorado.gov?



If you have questions about the portal or have suggestions for data sets or documents that you would like posted to data.colorado.gov, please contact:

OIT_datacoloradogov@state.co.us



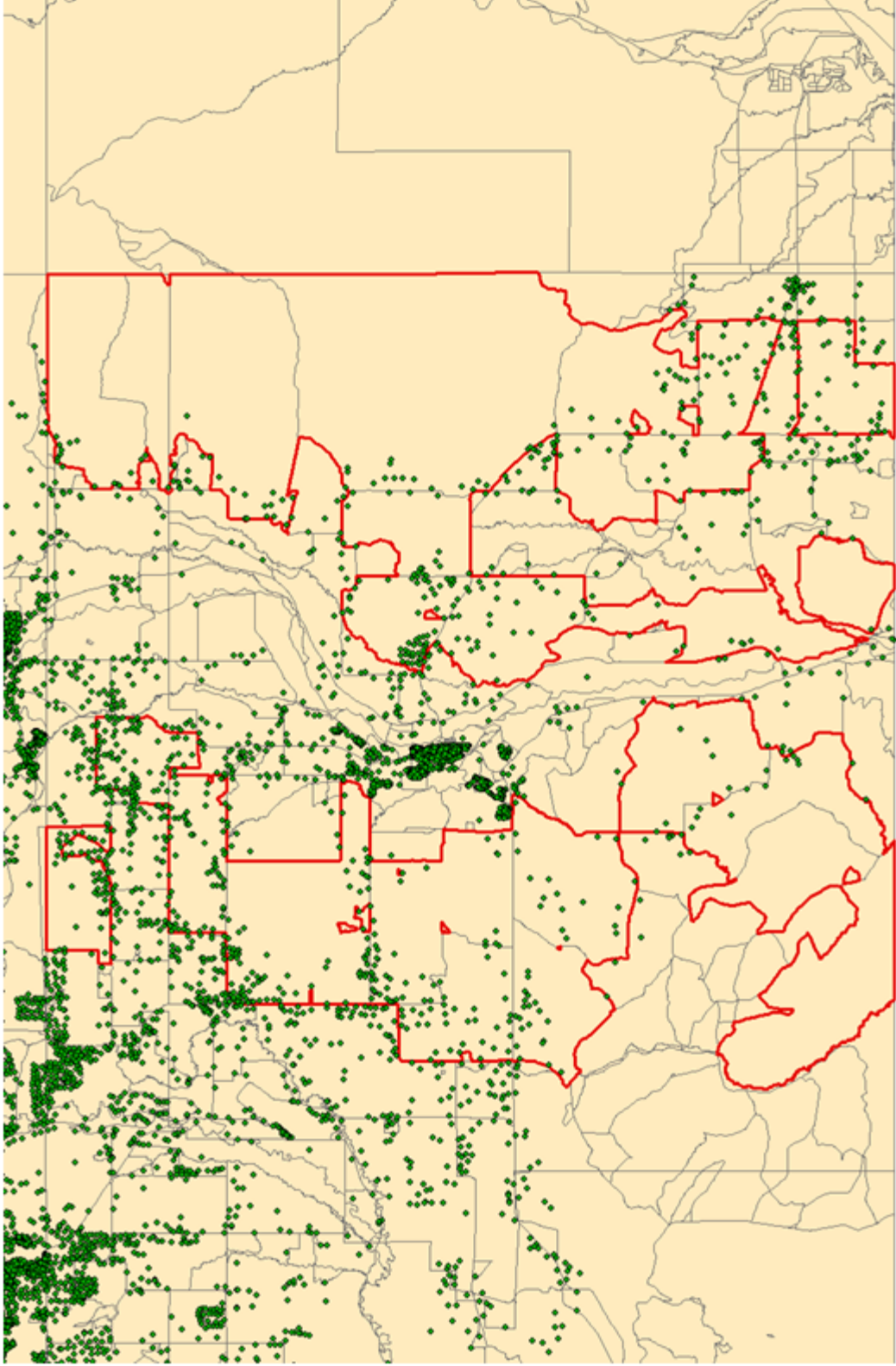
New Broadband Mapping

Current Map Issues



- Maximum advertised speed
- Census block geography
- Over-reporting
- Validation /local knowledge
- Definition of broadband (4 mbps vs. tier thresholds)
- Other relevant information (cost, capacity, redundancy)

Census Tracts, Blocks & Addresses



New Map



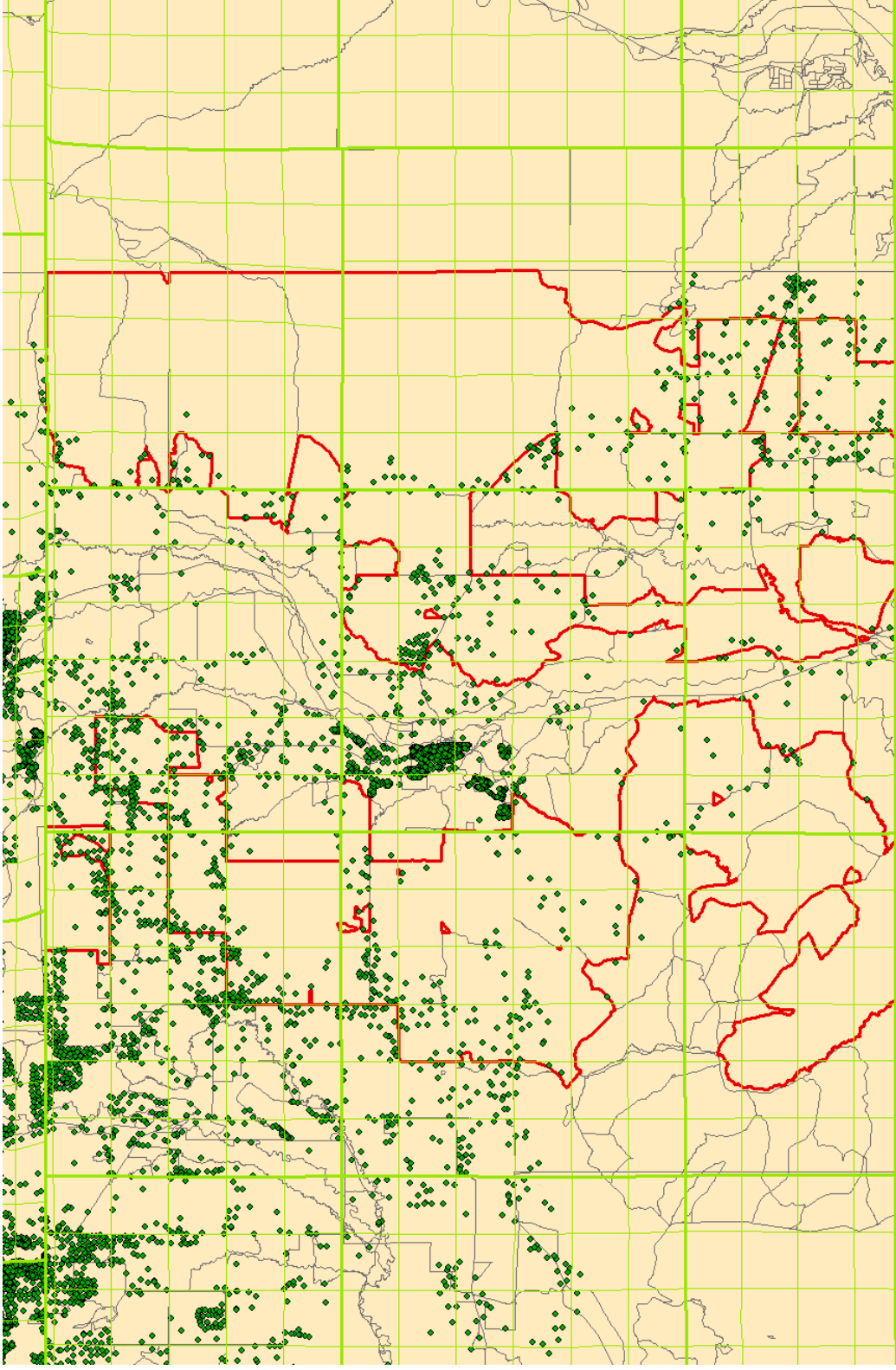
- **Multi-layered**
 - Community Anchor Institution
 - Broadband service
 - Data confidence
 - Infrastructure (as collected)
- **Multiple sources**
 - Providers
 - Crowd Sources
 - LTPT plans or other data collection
- **Improve and evolve over time**

Preferred Data Content



- Address points with:
 - Subscription speed
 - Speed test
- Address points with subscription information
- Subscriptions by geographic unit
- Towers w/propagation model
- Towers
- Other data?
 - Cost
 - Advertised speed
 - Middle mile

Public Land Survey System



Process Timeline



- Stakeholder input collection
2014
June - July
- Preliminary proposal for mapping process
August 2014
- Response to preliminary proposal
August 2014
- Final mapping process proposal
September 2014
- Pilot test mapping process
October 2014
- Amendments to pilot process
November 2014
- Finalize process & start new data collection
January 2015
- First draft of new broadband map
February 2015
- <http://coloradobroadband.state.co.us/share/broadband-map-survey>
- oit_broadband@state.co.us

What We've Done So Far



- Presentation to broadband community
 - Two intensive stakeholder meetings
 - Feedback through on-line survey
-
- **Your suggestions, questions?**

QUESTIONS?

