Putting the pieces together: Data Sharing in Alaska

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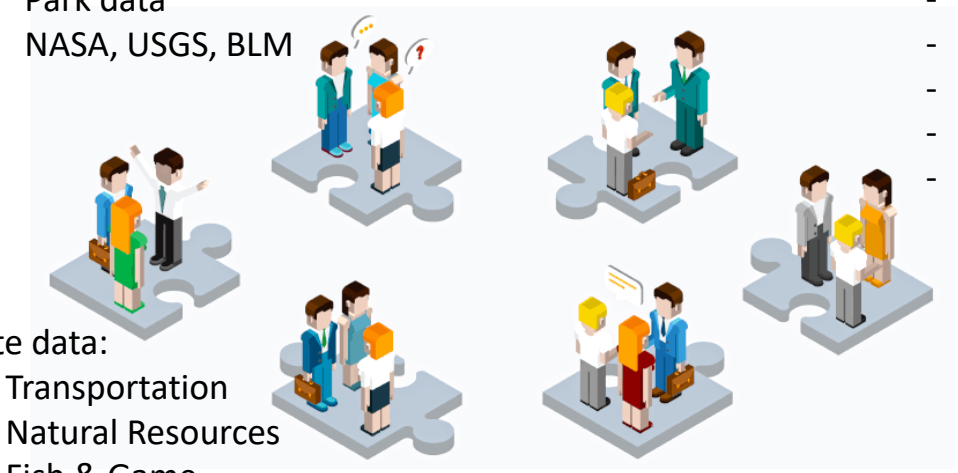
Alaska Geospatial Council

National data:

- Wildfire data and services
- Science & research
- Park data
- NASA, USGS, BLM



State data:

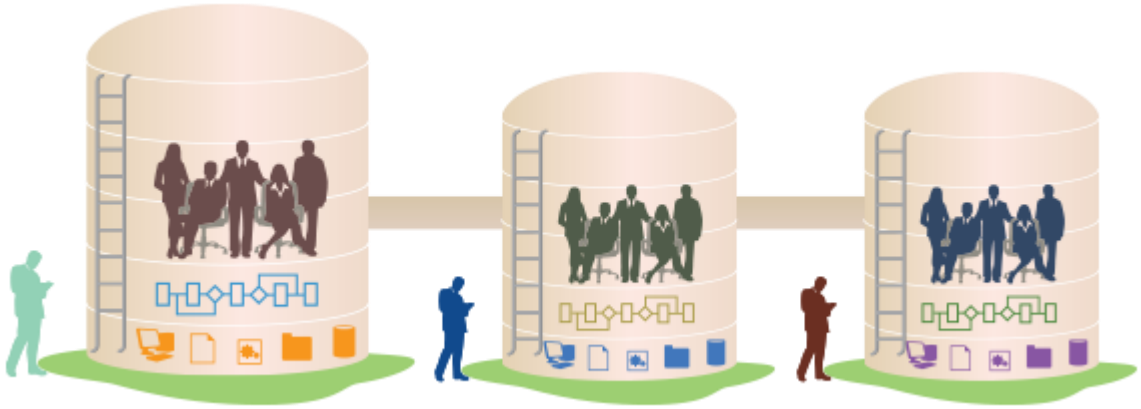
- Transportation
- Natural Resources
- Fish & Game
- Commerce & Community
- Environmental Conservation
- Military & Veterans Affairs

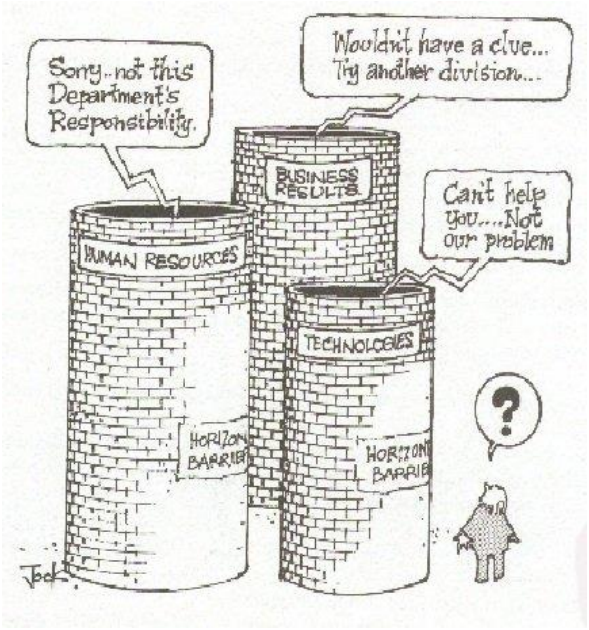
Local data:

- Utilities
- Crime
- Tax Parcels
- Schools
- Public Facilities
- Health Services

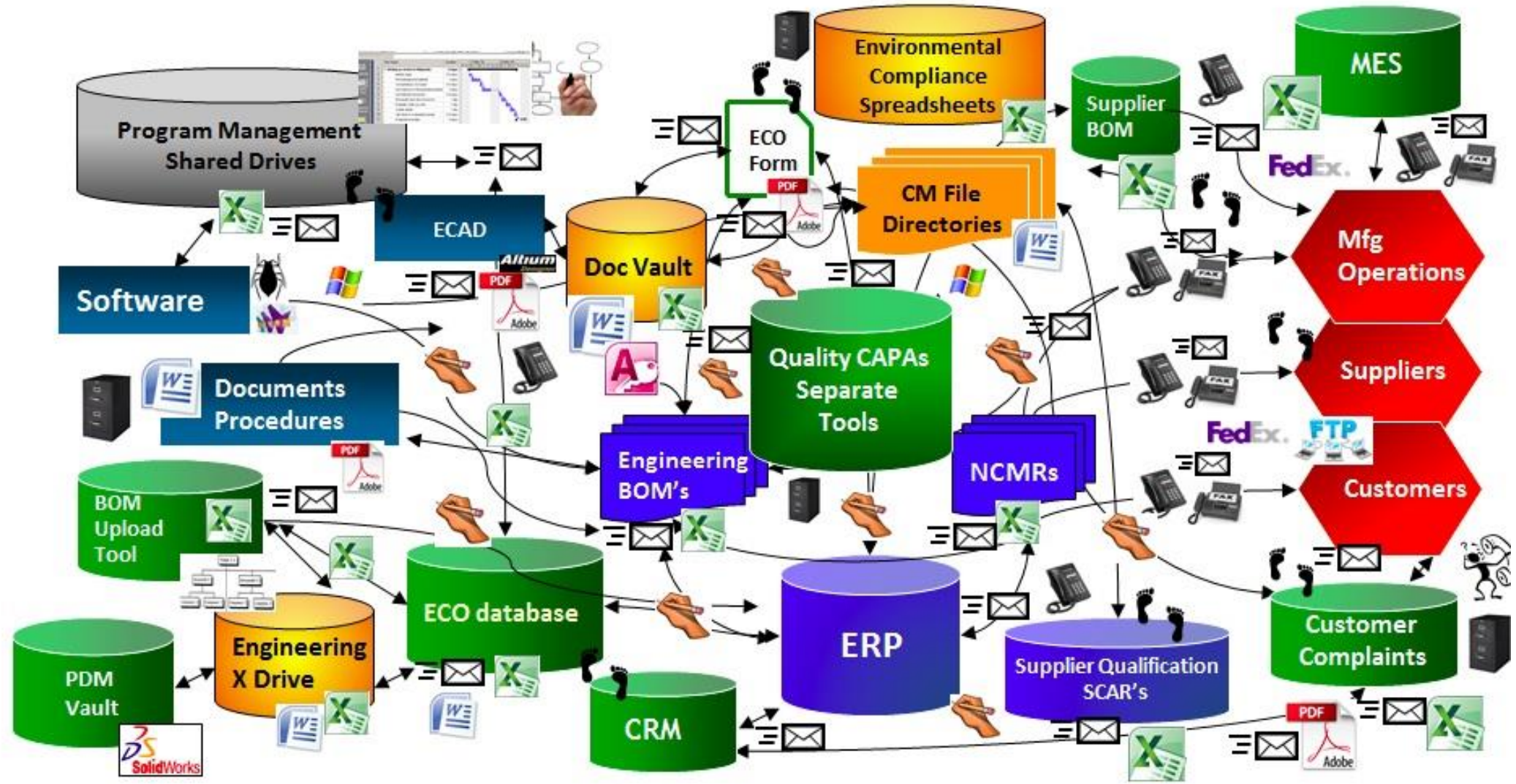
Silos

- Poor exchange of information
- Duplication of effort (collecting, storing and maintaining data)
- Factual inconsistencies
- No common standards





Disconnected Silos



State Geoportal

Requirements

Low bandwidth access

Map tile download

Clip, zip, ship

Non-ftp and non-http access

Committed funding

Metadata publication

Reference non-hosted data

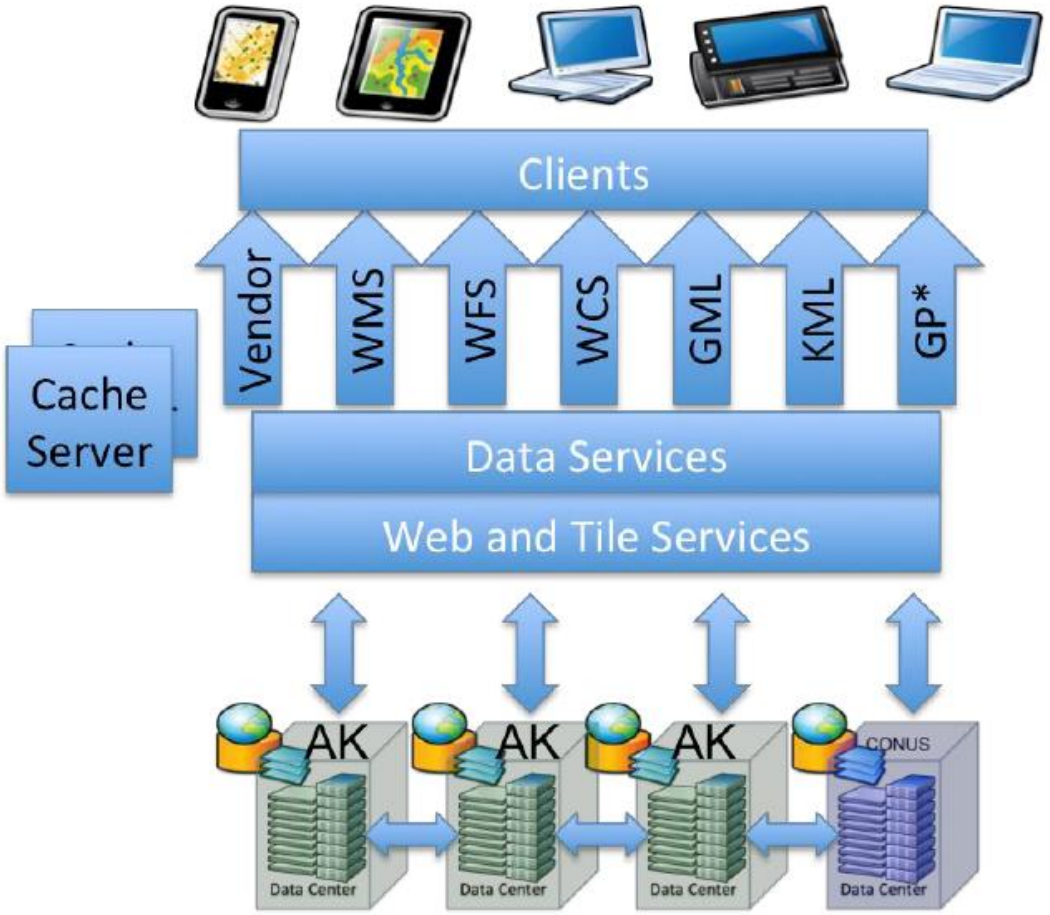
Authentication for restricted data

Data access logs

Data collaboration tool

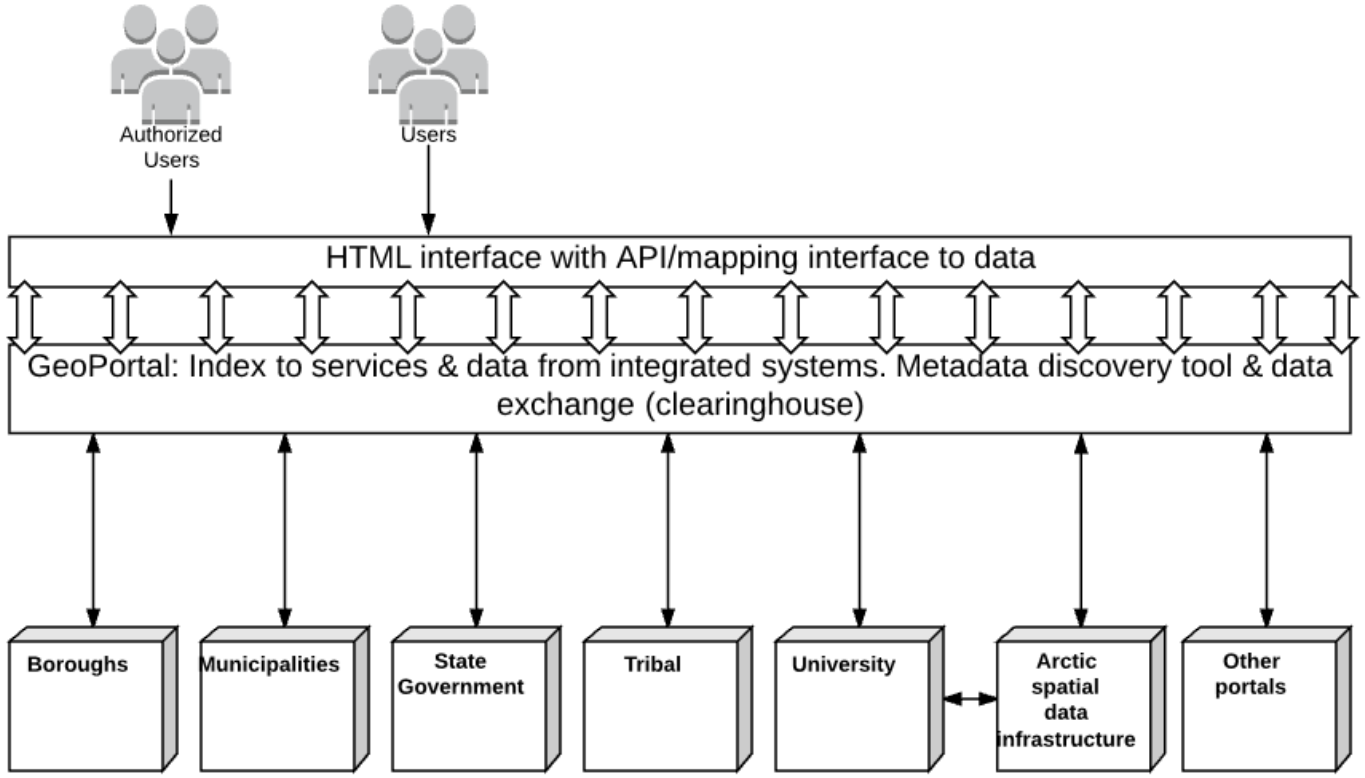
COOP capability

Data archiving and redundancy

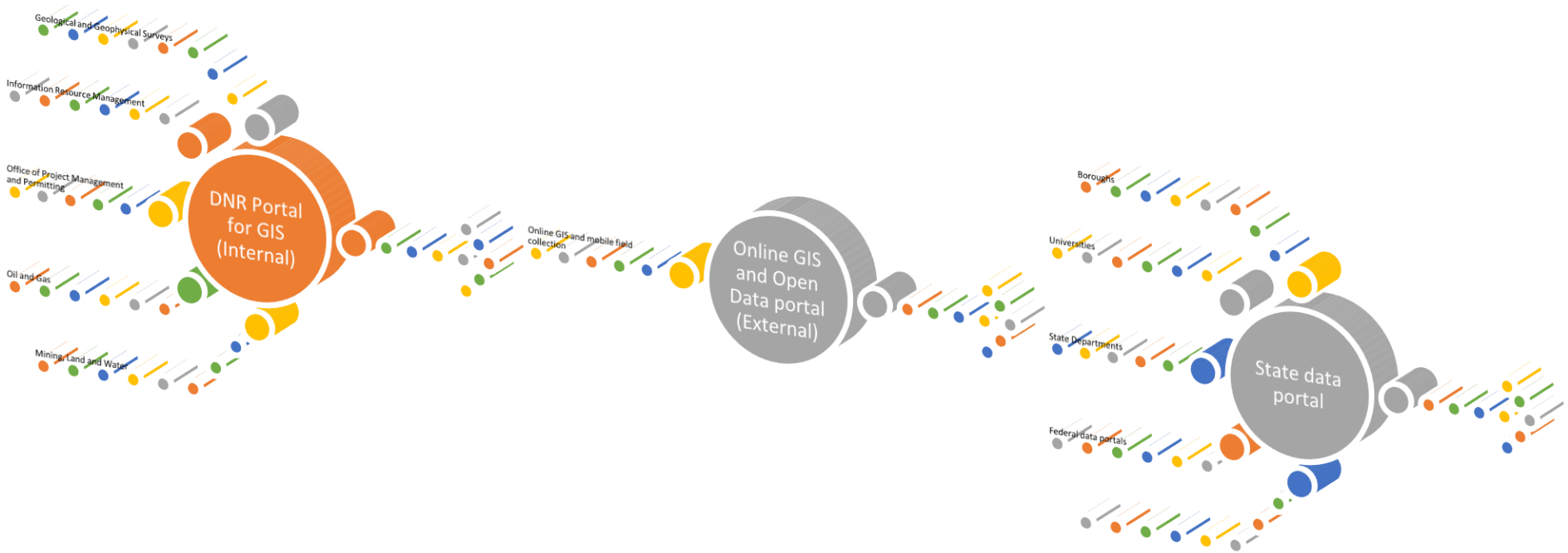


ALASKA GEOPORTAL CONCEPTUAL OVERVIEW

1. Safe
2. Sustainable
3. Reliable
4. Stable



Many agencies and organizations are already providing data. A state geoportal will search registered locations for datasets and return matching results to users. Data is not stored by the geoportal, which serves only as an indexed reference system which passes requests to hosting agencies.


Geological and Geophysical Surveys
Information Resource Management
Office of Project Management and Permitting
Oil and Gas
Mining, Land and Water
DNR Portal for GIS (Internal)
Online GIS and mobile field collection
Online GIS and Open Data portal (External)
Boroughs
Universities
State Departments
Federal data portals
State data portal