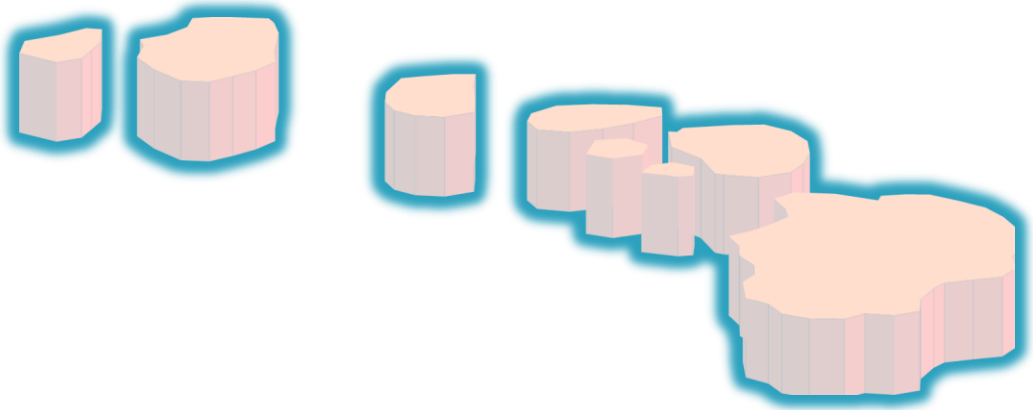
# State of Hawai`i Open Data Initiative



Wetware Wednesday
July 26, 2012
6:30 pm

# Future World…In the Clouds?

*"It was much nicer before people started storing all their personal information in the cloud."*

Source: New Yorker Magazine

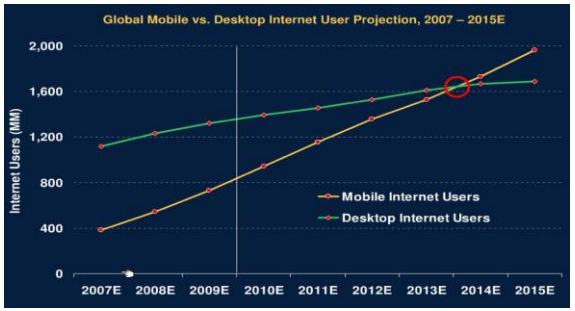
# Change is Coming (Like it or Not…)

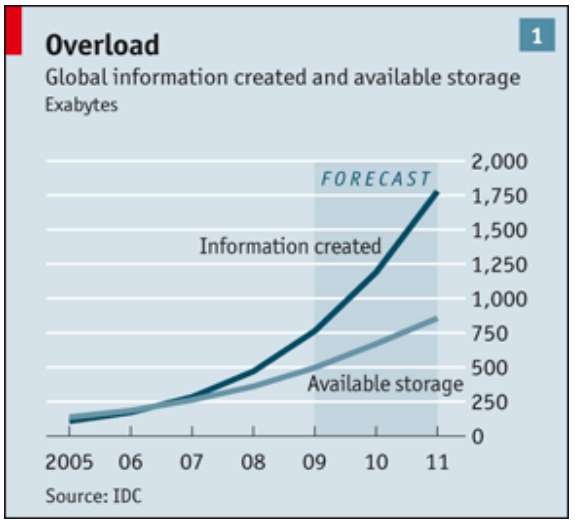
Federal Computer WEEK
Strategy and business management for government leaders

**6 bold tech predictions: Fact or fantasy?**
**FCW (December 8, 2010)**

1. **20% of businesses will own no IT assets by 2012 (Gartner)**
2. **75% of Stand-Alone IT Departments will disappear by 2015 (Corporate Executive Board)**
3. **One trillion devices will be connected to the Internet by 2013 (Cisco) – Current = 35B**
4. **The government can save $1 trillion in 10 years by harnessing certain proven technologies (Technology CEO Council)**
5. **25% of personal computing devices sold will be tablets by 2015 (Forrester Research)**
6. **Data will grow by 800% in the next five years with 80% Unstructured Text/Media (Gartner)**

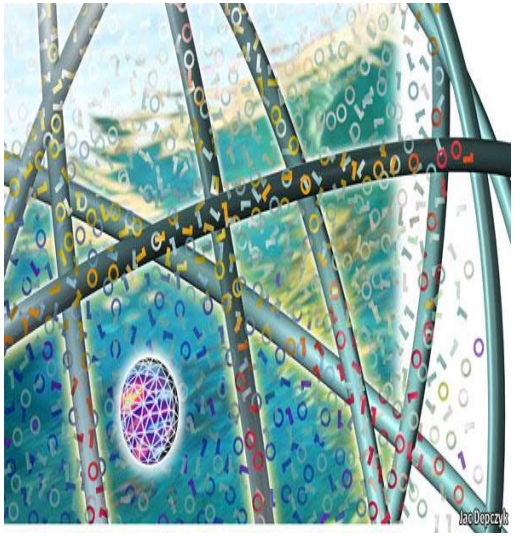
***Mobile will be bigger than desktop internet in 5 years***
***-- Mary Meeker, Morgan Stanley, April 2010***




Volume of digital information increases tenfold every five years & the data is replicated many times over!

# Context: Maximum sharing and flow of information and knowledge



- YouTube is now **second largest search engine** in the world
- 1.5 million pieces of content shared **daily** on Facebook
- On-line newspaper readers are **up 30%**
- 250 million visitors **each month** to Myspace, YouTube, and Facebook (*none were around 6 years ago*)
- **Mobile devices** will be world's primary connection tool to the Internet in **2020**

**As big an issue *outside* your organization as *within* it**

# New Updates from Gartner – Access to Anything, Anywhere, Any Time

1) 30 billion pieces of content were added to Facebook this past month.
2) Worldwide IP Traffic will quadruple by 2015.
3) Over 107 trillion emails were sent this year (89% of which were spam).
4) Today's employees can access

Gartner

- Over 1 Billion Web pages (and growing)
- 350,000 iPhone and Over 100,000 Android Apps
- 10,500 Radio Stations, 5,500 magazines, 300+ TV Networks

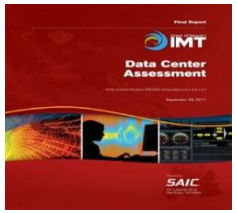
Source: Top 10 Trends and How They Will Impact Data Centers and IT, David Cappuccio, Vice President, Chief of Research

State of Hawai'i IMT

# It's not just about Technology….

Source: "Real Value from the Cloud: Moving beyond personal productivity", Center for Digital Government, 2012

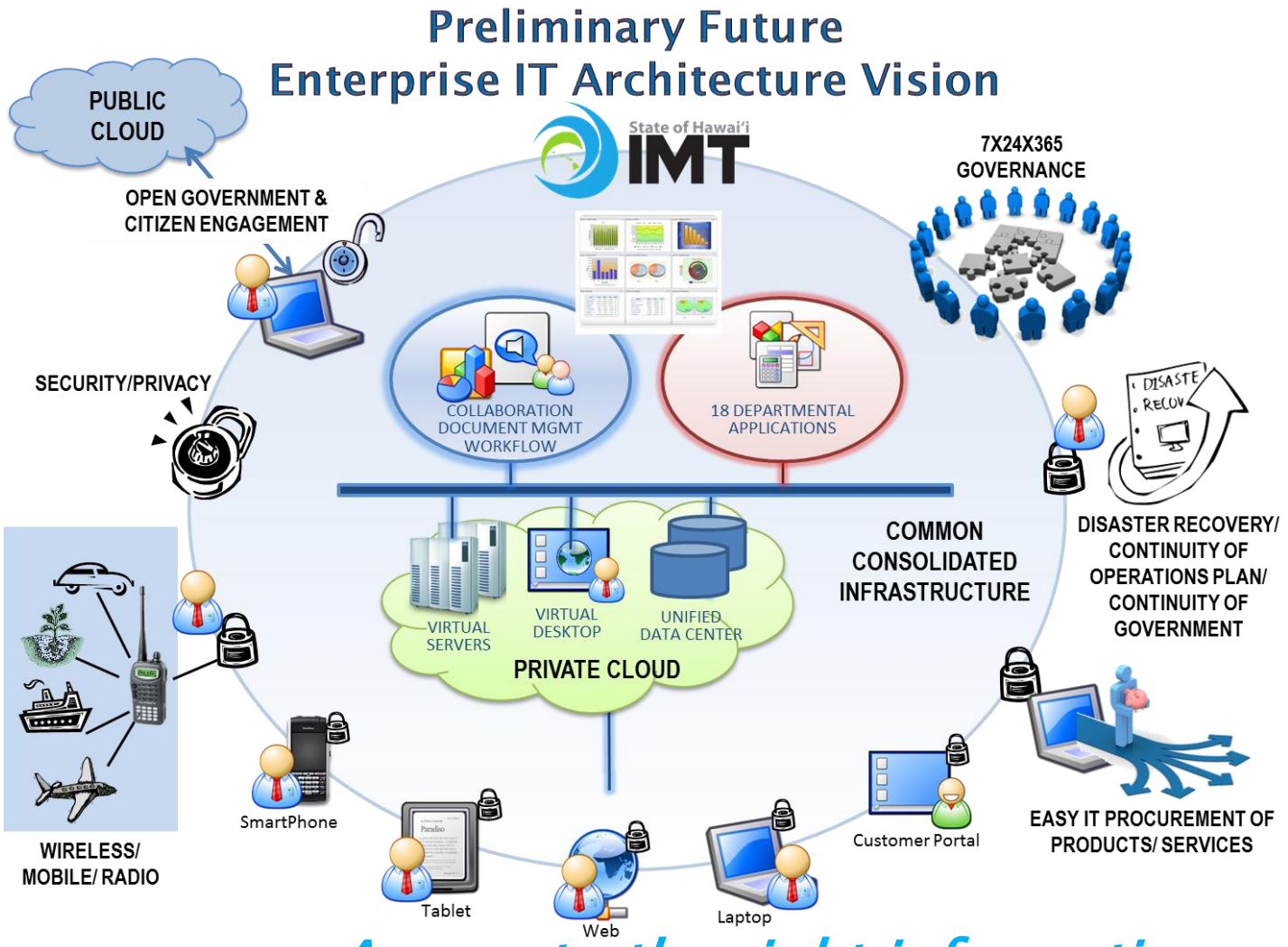
# The Study Found:
# Top 10 Areas of Opportunity



1. Governance
2. Disaster Recovery (DR) and Continuity of Operations (COOP)
3. IT Procurement
4. Security and Privacy
5. Open Government and Social Media
6. Collaboration and Work Flow
7. Enterprise Applications
8. Enterprise Infrastructure
9. Wireless/Mobile/Radio
10. Business Process Re-Engineering

*We need to focus on these Top 10 opportunities…*

# Vision




*Access to the right information – anywhere, any time, any mission, securely and reliably*

# Open Government

**Hawaii State Government**

**Uniform Information Practices Act HRS 92F**

"General Rule of Disclosure

All government records are open to public unless access is restricted or closed by law"

**Federal Government**

Attorney General Guidelines

Share everything.
Protect what you must.

**Open Government Directive**

Privacy Act

Information Quality Act

Espionage Act of 1917

# The Open Government Initiative

DATA.GOV
EMPOWERING PEOPLE

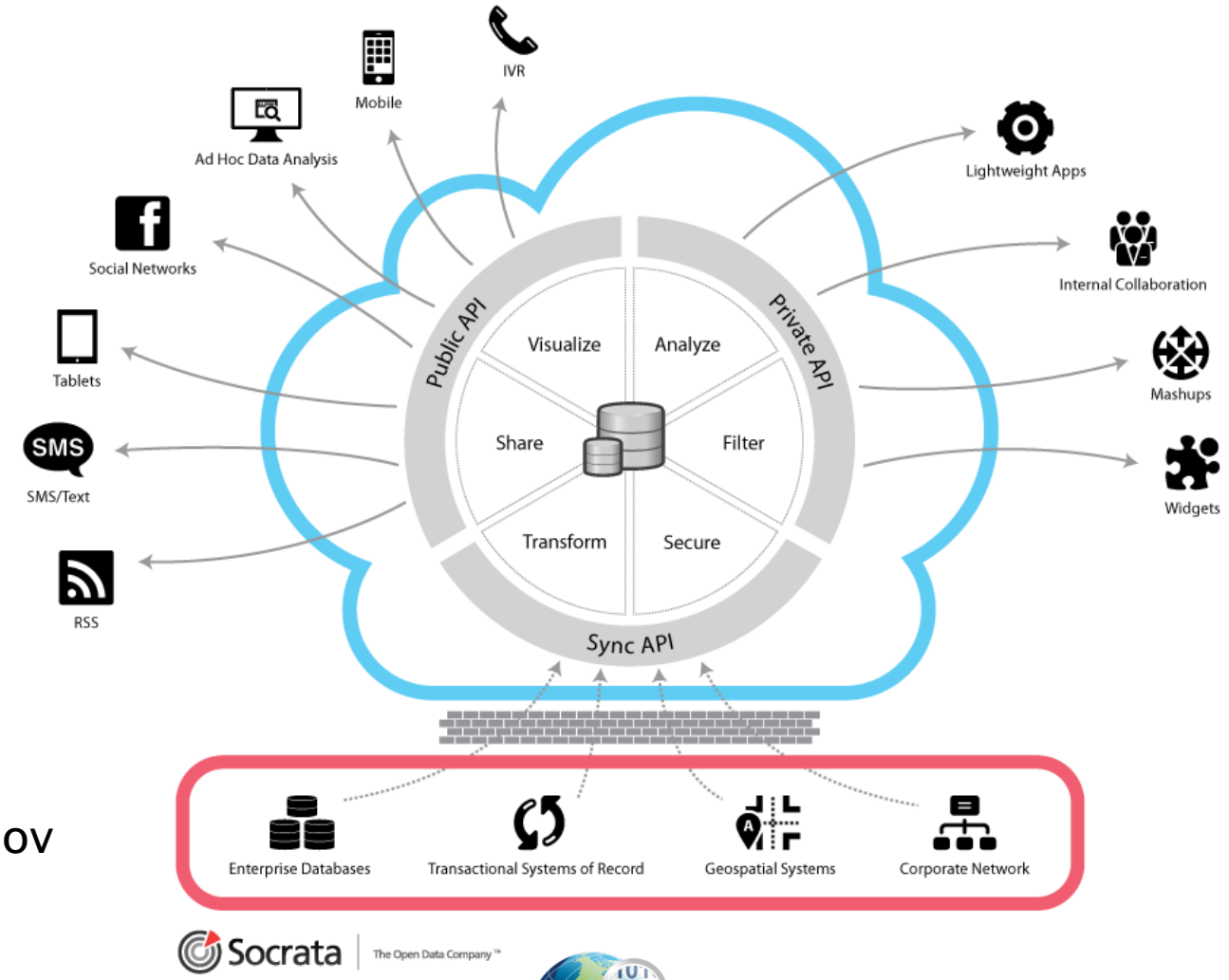
**Transparency** promotes accountability

**Participation** allows people to contribute ideas/expertise; government benefits from broad knowledge sharing

**Collaboration** encourages cooperation within government and with industry

State of Hawai'i IMT

# Next Generation Data.gov:
# A Platform Designed for Data Access & Consumption



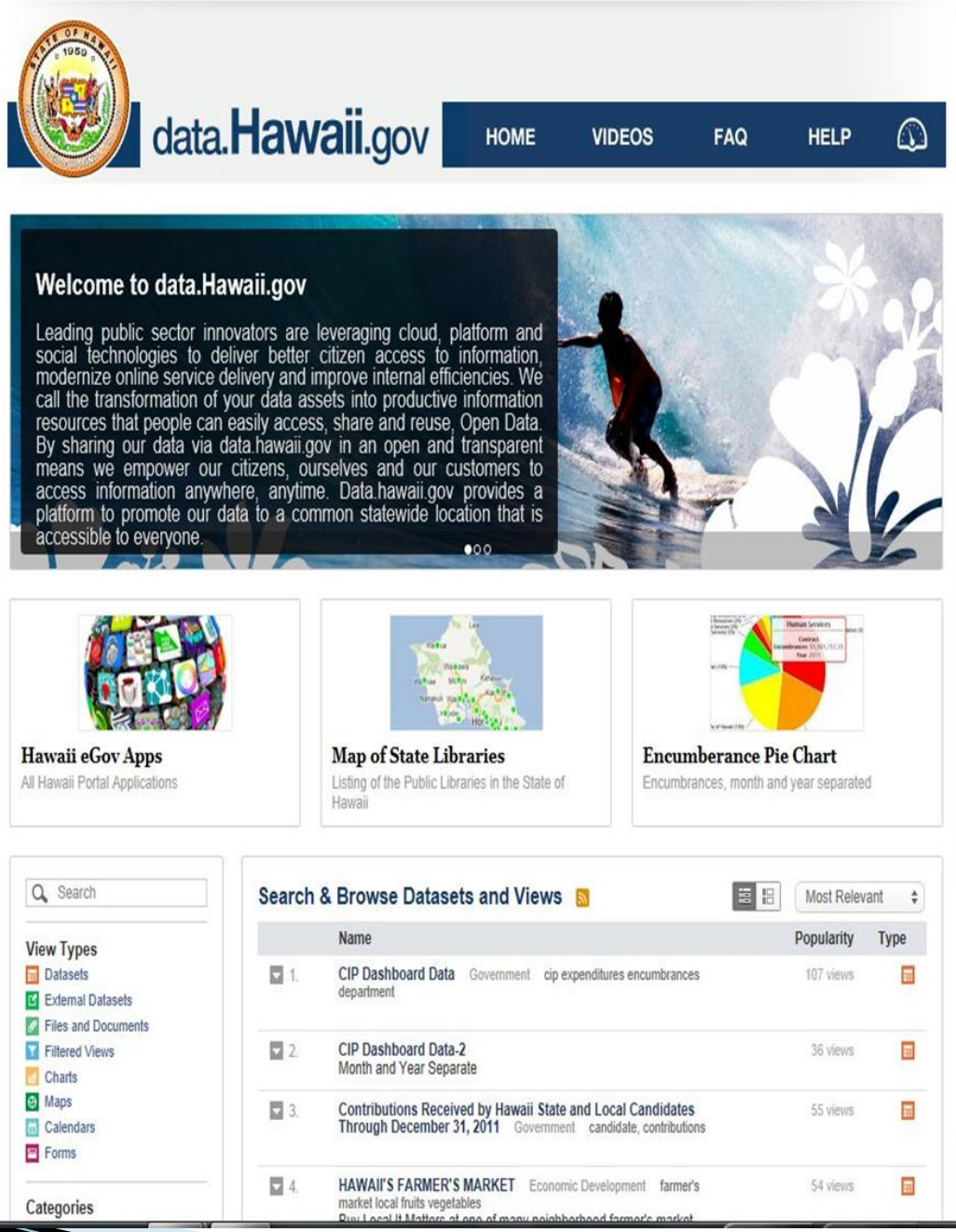

http://www.data.gov

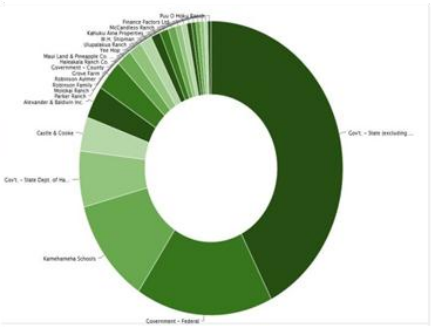
Socrata | The Open Data Company™

DATA.GOV
EMPOWERING PEOPLE

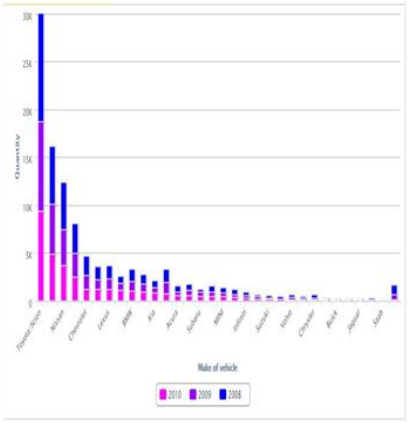
*Sample Data Sets*

- **Campaign Contributions**
- **Farmers Markets**
- **Hawaii Public Schools**
- **Hawaii eGov Apps**
- **Libraries**
- **AAA Fuel Prices**
- **EV Charging Stations**
- **Hurricane Shelters**
- **Ethics Lobbyists**
- **Oil prices**
- **Bills Passed 2012**
- **KWh Utility Supply**
- **Ag Seals of Quality**
- **Electricity Prices**
- **General Election results**
- **Libraries Collection Statistics**
- **DBEDT Data Book – 800 Data Sets**
- **CIP Dashboard**
- **Etc…….**

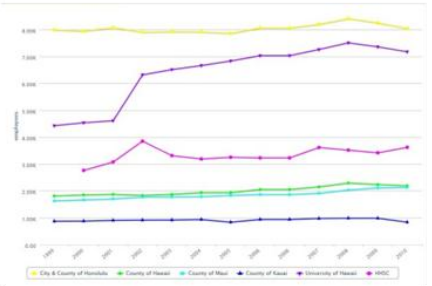


Major Land owners



Cars by make



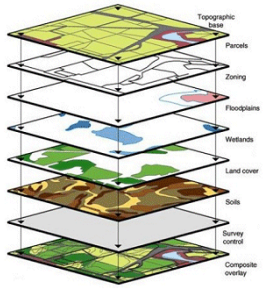
Collective Bargaining

# Data.Hawaii.gov

Visualize

Socialize

Mobilize




Analyze

# Mahalo!

http://www.hawaii.gov/oimt