On The Path to Ideal

Steven VanRoekel
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Our Changing World
News Event: 2005

source: AP/NBC News

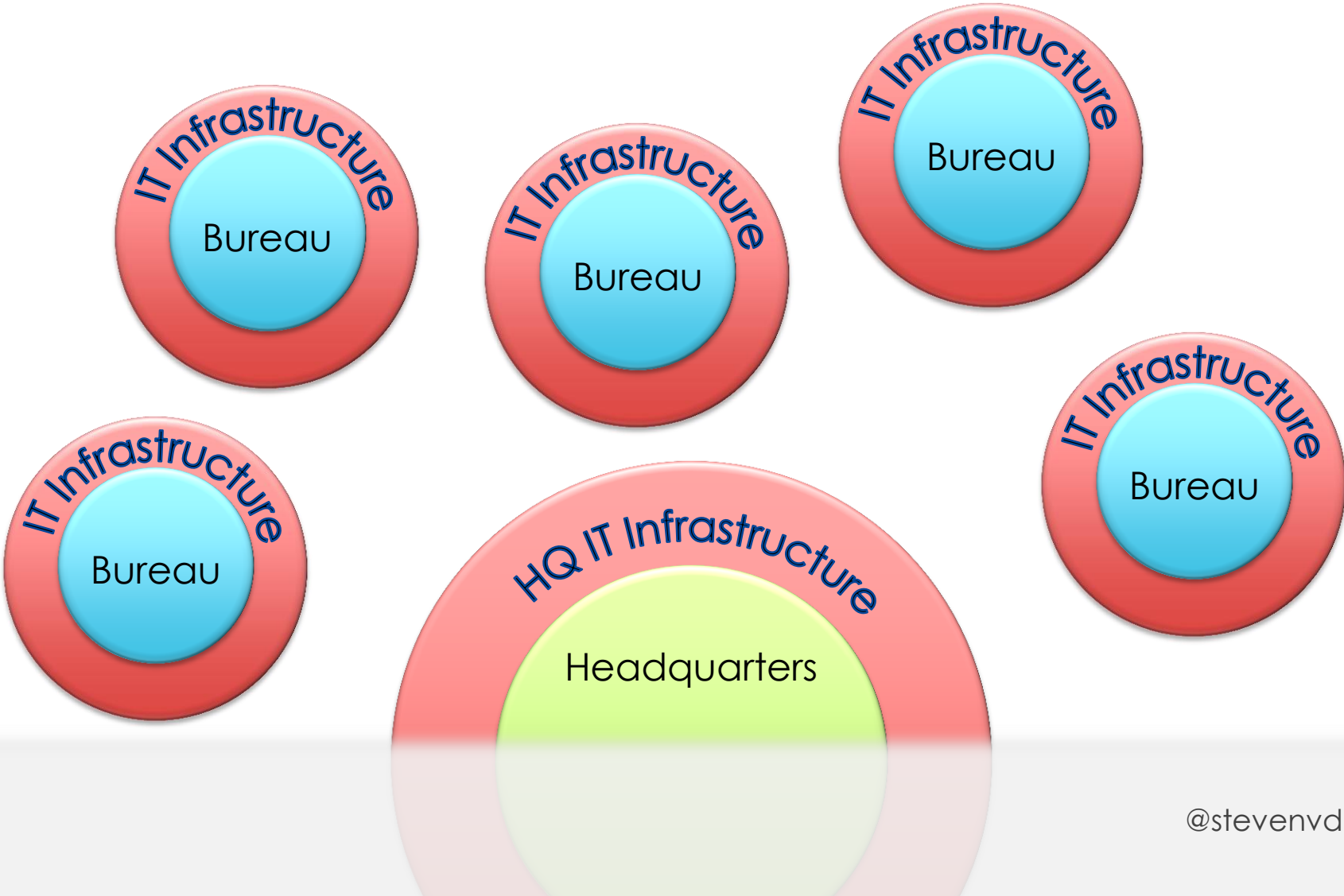# Our Changing World
News Event: 2013

source: AP/NBC News

What Makes an Ideal IT Shop?

Not Ideal

IT Infrastructure — Bureau

IT Infrastructure — Bureau

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IT Infrastructure — Bureau
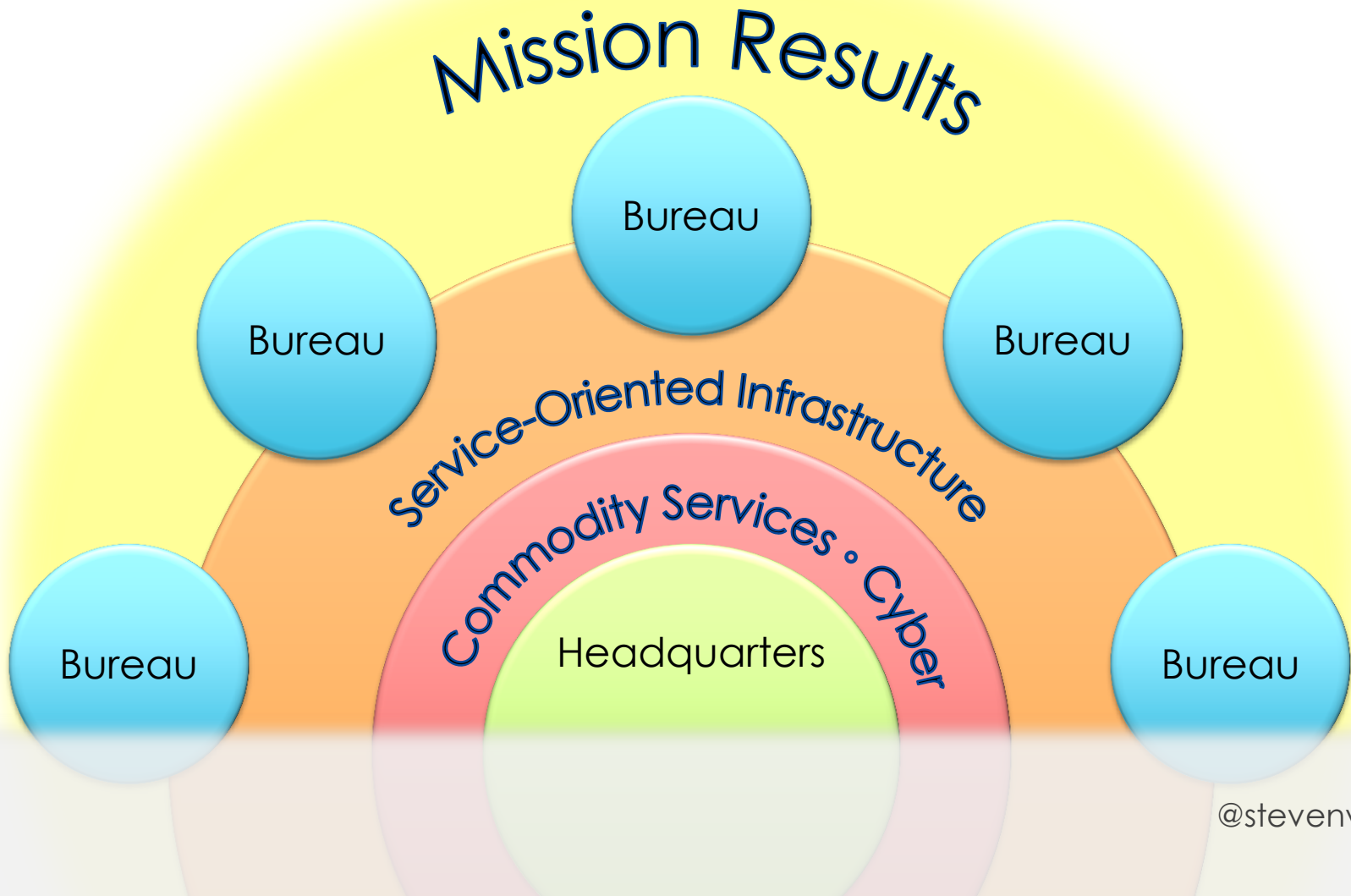
IT Infrastructure — Bureau
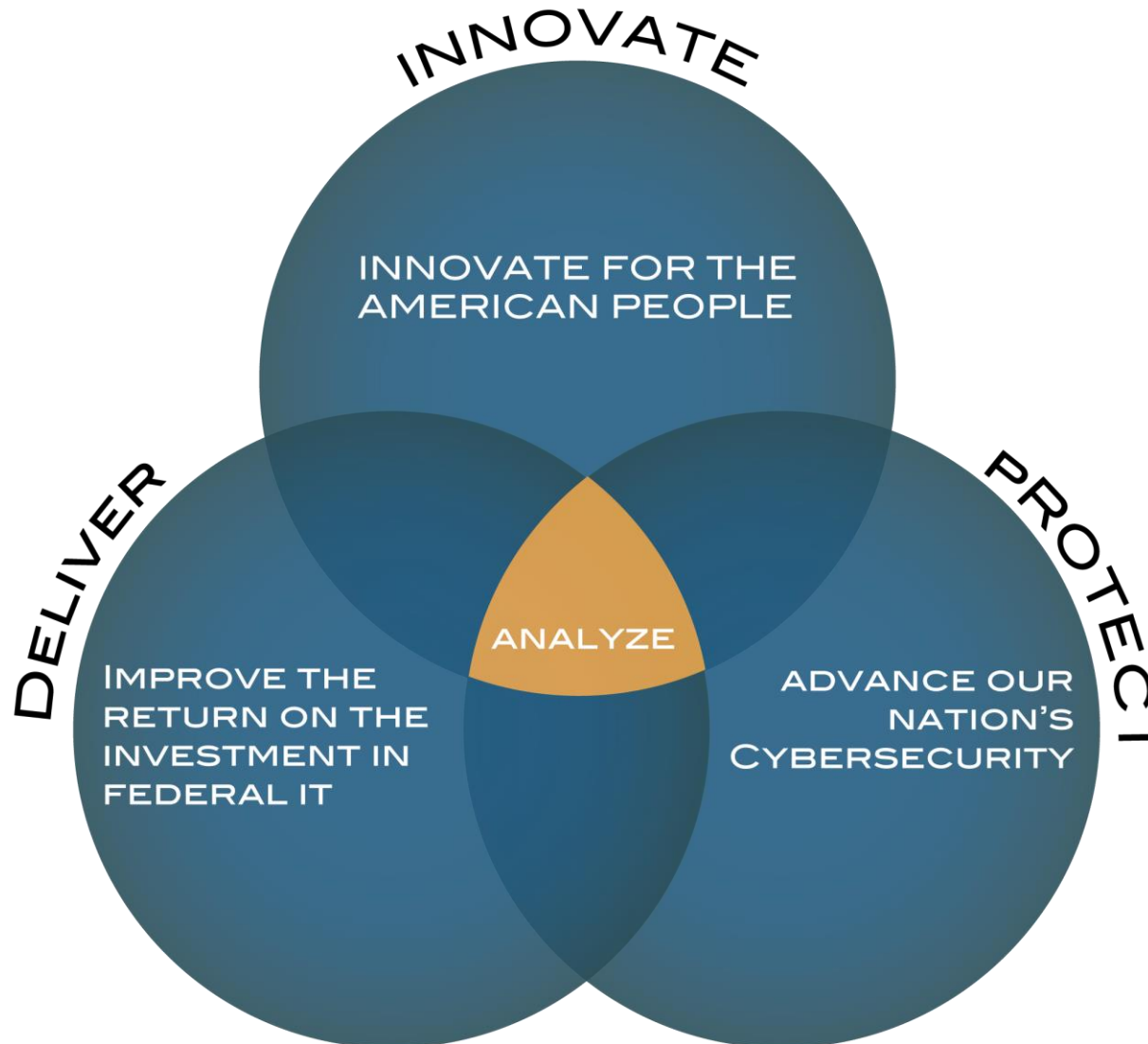
HQ IT Infrastructure — Headquarters

Not Ideal

- O&M overtakes DME and you run out of budget
- Employee productivity gap widens
- Customers are not satisfied
- Cyber risk increases
- Monolithic Failure is the Norm
- Embrace "Do Less with Less"

Striving For Ideal

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Federal Technology Objectives

INNOVATE

DELIVER

PROTECT

INNOVATE FOR THE AMERICAN PEOPLE

IMPROVE THE RETURN ON THE INVESTMENT IN FEDERAL IT

ANALYZE

ADVANCE OUR NATION'S CYBERSECURITY

One Year of
Digital Government Strategy

- Increase access to Government services anywhere, anytime and on any device
  - Screen-size agnostic
  - Customer-centric
  - Employee productivity
- Ensuring that we procure and manage our digital assets in smart, secure and affordable ways
  - Rapid innovation, experimentation
  - Common ways to build, test, procure
  - Security baselines
- Unlock the power of open data to spur innovation
  - Open data as new default

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Open Data Executive Order and Policy

- Historic approach to making Government data open, machine readable and interoperable by default
- New, modified systems
- Protect security, privacy, confidentiality and national security
- Telegraphs where we are doing on mission delivery

The White House

Office of the Press Secretary

For Immediate Release   May 09, 2013

Executive Order -- Making Open and Machine Readable the New Default for Government Information

EXECUTIVE ORDER

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MAKING OPEN AND MACHINE READABLE THE NEW DEFAULT
FOR GOVERNMENT INFORMATION

By the authority vested in me as President by the Constitution and the laws of the United States of America, it is hereby ordered as follows:

Section 1. General Principles. Openness in government strengthens our democracy, promotes the delivery of efficient and effective services to the public, and contributes to economic growth. As one vital benefit of open government, making information resources easy to find, accessible, and usable can fuel entrepreneurship, innovation, and scientific discovery that improves Americans' lives and contributes significantly to job creation.

Decades ago, the U.S. Government made both weather data and the Global Positioning System freely available. Since that time, American entrepreneurs and innovators have utilized these resources to create navigation systems, weather newscasts and warning systems, location-based applications, precision farming tools, and much more, improving Americans' lives in countless ways and leading to economic growth and job creation. In recent years, thousands of Government data resources across fields such as health and medicine, education, energy, public safety, global development, and finance have been posted in machine-readable form for free public use on Data.gov. Entrepreneurs and innovators have continued to develop a vast range of useful new products and businesses using these public information resources, creating good jobs in the process.

To promote continued job growth, Government efficiency, and the social good that can be gained from opening Government data to the public, the default state of new and modernized Government information resources shall be open and machine readable. Government information shall be managed as an asset throughout its life cycle to promote interoperability and openness, and, wherever possible and legally permissible, to ensure that data are released to the public in ways that make the data easy to find, accessible, and usable. In making this the new default state, executive departments and agencies (agencies) shall ensure that they safeguard individual privacy, confidentiality, and national security.
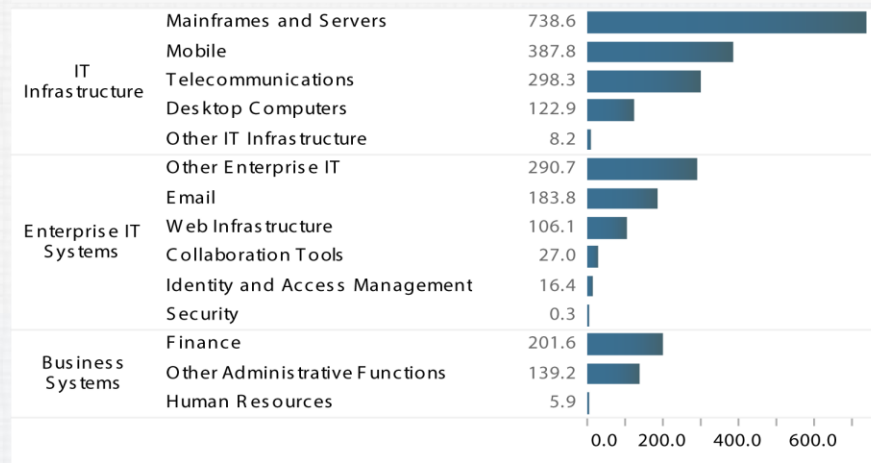
Deliver: PortfolioStat 2012 Results

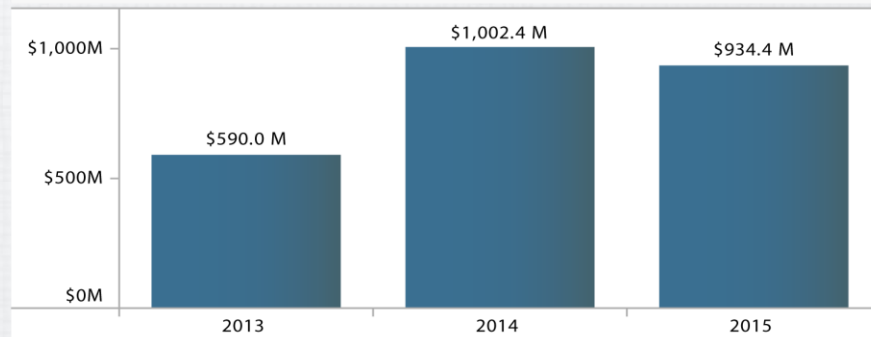## PortfolioStat Commodity IT Reduction Targets

Government Wide Gross Reduction Targets
Total Cost Savings and Avoidance Targets, 2013-2015

$2.53 billion

Consolidation Areas - Gross Reduction Targets, Millions of Dollars (2013-2015)

IT Infrastructure	Mainframes and Servers	738.6
	Mobile	387.8
	Telecommunications	298.3
	Desktop Computers	122.9
	Other IT Infrastructure	8.2
Enterprise IT Systems	Other Enterprise IT	290.7
	Email	183.8
	Web Infrastructure	106.1
	Collaboration Tools	27.0
	Identity and Access Management	16.4
	Security	0.3
Business Systems	Finance	201.6
	Other Administrative Functions	139.2
	Human Resources	5.9

Reduction Targets Over Time
Gross Reduction Targets by Year, Millions of Dollars

2013: $590.0 M
2014: $1,002.4 M
2015: $934.4 M

Data reported by agencies as of October 16, 2012.
Consolidation areas based on OMB Memorandum M-11-29

- The FY 2012 PortfolioStat initiative identified over $2.5 billion in agency savings targets covering FY 2013 and FY 2015 through the consolidation and elimination of low-value IT investments

- To date, agencies have realized nearly $300 million of these savings targets over the first half of FY 2013

- Agencies are well on their way to meeting their targets

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Deliver: PortfolioStat 2013 Overview

- Led by White House in coordination with the agencies

- Expanded in scope to touch on all areas of information technology, most notably innovation

- Streamlining information collection:
  - Aggregating multiple disparate collections into 3 data calls
  - Renewed emphasis on Strategic IRM Plans and Enterprise Roadmaps

- Integrates data center consolidation as a facet of quality portfolio management, savings

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Protect: Key Cyber Investments

The 2014 President's Budget:
$13B to cyber

- Security Federal Networks
- Protecting critical infrastructure
- Improving incident response
- Shaping the future cyber environment

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Call to Action

- More pressure on driving down costs, driving up value - Keep evangelizing cut-and-invest

- Take from OpEx…
  – Help us with where we can find savings together
  – Get C-level together
  – Contain planning costs

- Give to CapEx…
  – Culture of innovation at all levels of the organization
  – Incentivize Risk
  – Focus on continuous improvement
  – Focus on open data (and not the complete solution)
  – Design for lightweight, flexible solutions

Thank You