CHANGE THROUGH INNOVATION

Edward J. Driesse
Chief Information Officer

CISD 2011
Current Headlines

**Cuts to E-Gov fund could slow federal cloud transition**

BY JOSEPH MARKS 09/21/2011

Current funding levels and Senate Appropriations Committee’s ability to modernize federal IT are not in line with money in the long run needed by lawmakers Wednesday.

---

**Companies Look to Implement Plagiarism Detection Amid Surge of Complaints**

Published September 26, 2011 | Associated Press

---

**Gmail fixed, but some emails lost for good**

Backing up email on hard drives recommended

CBC News
Posted: Mar 1, 2011 9:27 AM ET
Last Updated: Mar 1, 2011 10:05 AM ET
How do People React to Change?

Those that **watch** things happen

Those that **wonder** what happened

Those that **make** things happen
Around the World in 2011

Nearly 1.2 billion PC’s

More than 5 billion mobile phones

1.8 billion unique internet users
Why is Innovation Important?

- IT commoditized
- Tech-savvy management
- High user expectation fueled by intense industry competition
- “The way we have always done it” simply won’t work anymore
Some Technology Trends to be Addressed

- Anywhere Wireless
- Mobility – Smart Phones
- Social Networks
- Cloud Based Computing
- Green IT Initiatives
- Protection of Networks/Security
- IT Workforce
- Software as a Service
Realistically, where do we start?

And how can you and I make a difference?
How do we Compare?

Overall percent of department funds spent on IT

3.2%

1.8%
How do we Compare?

Proportion of IT Staff that are Contractors

7%

25%
How do we Compare?

Percent of Authorized TO that are IT

3.5%

3.1%
IT Personnel Distribution

- Infrastructure: 44%
- Application Development: 42%
- Administrative: 14%

Authorized TO by Job Function
Innovator John Harrison – Lessons Learned

• Innovation does not always entail some drastically new technology

• Innovators strive for continuous improvement

• The value and importance of innovation and technology lies in what they enable us to do
Innovator John Harrison – Lessons Learned

• Standardization helps to improve efficiency and increase the value of innovations.

• Finally, you have to have a good way to always tell where you are! How else will you be able to tell how much progress you’ve made if you can’t tell the difference between where you were and where you are now?

• This is a reminder to everyone about the importance of having and utilizing metrics and measurements to ensure we are on the right course.
Innovators

Who will be the next great innovator? You!
Innovators

Click here for video
Lessons from Steve Jobs

Put Passion First
Never Limit Your Imagination
Pursue Greatness over Money
Demand Excellence
Put Yourself out of Business
Challenge Conventional Wisdom
Simplify
Ignore the Naysayers
Persist
Never Pigeonhole
Push Beyond What You Think is Possible
Each day on the internet, 15 Petabytes of data are created. That’s 5 times the volume of the entire Library of Congress.
By 2014, the cloud services market will grow at a compound rate of 20% and will reach $150 billion – 3x what it is today.
With so much change, the real risk today is that of standing still.
New Realities, New Rules

- Design for smart control
- IT Leaders transform to influencers, implementers to advisors, and employees to partners
- Agency Intelligence is the Intelligent Agency
- Build to change, not to last
- Remember who your customer is
Ways to Drive Change

• We can’t continue to “think” the way we always have

• We must innovate ourselves and control our own destiny

• Ensure you are searching for ideas and techniques in unusual places
Ways to Drive Change

• Start to create immediately
• Train your team to accept and welcome constant change in methods and approach
• Be clear about what you want to achieve, but not necessarily how you want to achieve it
Strive to develop the ability to act “in the now” and still think ahead!
Survey

https://www.surveymonkey.com/s/EdDriesseKeynote
References

Bibliography

“The Presentation Secrets of Steve Jobs” by Carmine Gallo, BusinessWeek.
Innovation Keynote by Jeremy Gutsche on YouTube.
“The 2011 Gartner Scenario: Current States and Future Directions of the IT Industry”, Gartner, 1/20/11; G00209949
“Hype Cycle for Government Transformation, Gartner, 2011,” 7/14/11, G00214747
“Change is Good...You Go First,” YouTube, 5/26/09
“Future, Technology, and the Next 50 Years Megatrends / 5Deka,” YouTube, 2/2/10
“IT Metrics: IT Spending and Staffing Report, 2011,” Gartner, 1/25/11, G00210146
“Creativity video / Innovation Video / Great Minds on Creativity, Innovation and Imagination” YouTube, 11/21/08
“Innovation in Motion” YouTube, 6/4/06
“Think Different” YouTube, 12/12/05
“Five Emerging Technologies Soon to Hit the Government Market,” GovTech, 8/30/11, Chad Vander Veen
“State IT Workforce Under Pressure,” NASCIO, January 2011
“IT Key Metrics Data 2010: Key Industry Measures: Government Analysis: Current Year,” Gartner, 12/14/09, G00172585
“How to Significantly Reduce IT Infrastructure and Operations Costs,” Gartner, Jay Pultz 2010
“Eleven Lessons from Steve,” Josh Linkner, 8/29/11 Blog
“The Riskiest Move of All,” Josh Linkner, 7/11/11 Blog
“New Realities, Rules, and Opportunities: The 2010 Gartner Symposium/IT Expo Analyst Keynote,” Gartner, 1/27/11, G00205834