Briefing to the Joint Commission On Technology and Science

October 22, 2014

JCOTS

Strategic Areas

- Cyber Security
- Data Analytics (Big/Open Data)
- Broadband
- Innovation and Entrepreneurship
- VITA – Network operations and Recompete
- Unmanned Systems (FAA Test Range)

JCOTS

Cyber Security

- Established Cyber Commission (EO 8) – 17 members
- Established Cyber Virginia (https://cyberva.virginia.gov/)
- First state to adopt the NIST cybersecurity framework (http://www.nist.gov/cyberframework/index.cfm)

Cyber Commission Members

Mr. Richard A. Clarke, Good Harbor
Ms. Rhonda Eldridge, Technica Corporation.
Ms. Jennifer Bisceglie, Interos Solutions
Mr. Paul Kurtz CyberPoint.
Mr. Paul Tiao, Hunton and Williams, LLP
Dr. Barry Horowitz, University of Virginia
Mr. Andrew H. Turner, VISA
Mr. Jeffrey C. "J.C." Dodson, BAE Systems
Ms. Jandria Alexander, the Aerospace Company
Ms. Elizabeth "Betsy" Hight - Retired US Navy rear admiral
Mr. John Wood iTelos Corporation
Anne Holton, Secretary of Education
John Harvey, Secretary of Veterans and Defense Affairs
Dr. Bill Hazel, Secretary of Health and Human Resources
Karen Jackson, Secretary of Technology

Cyber Commission Workgroups

- Economic Development
- Cyber Crime
- Infrastructure
- Education and Workforce
- Public Cyber Awareness and Culture

Secretary of Technology

CyberVA.Virginia.com

Virginia.gov Agencies | Governor Search Virginia.Gov

Cyber Security Virginia

CYBERVIRGINIA

Search for information and services

Cyber Virginia and the VA Cyber Security Commission:

On February 25, 2014 Governor McAuliffe signed Executive Order Number 8: Creating Cyber Virginia and the VA Cyber Security Commission. The Governor stated in the order:

"As is reflected in the strong presence of state, federal, military, and private cyber security businesses, assets, and activities throughout the Commonwealth, Virginia stands poised to take advantage of its unique resources. The Commonwealth is resolute in its dedication to garnering the expertise of leaders in cyber security in order to mitigate risks and safeguard the highest level of security for government infrastructure networks, foster cyber security education and awareness, incorporate innovative and best practices to protect data statewide, bolster business investment with public-private partnerships, and proactively enhance its national standing as one of the preeminent leaders in the cyber security arena. "

Read the report "Virginia's Innovation Ecosystem:The Trusted Leader in Growing Cyber Security Solutions"

Meeting Minutes and Materials

Commission Members

Photos

Next Meetings:

November 7, 2014 **10:00am-12:00am**
Patrick Henry Building 1111 East Broad Street, Richmond, VA 23219

Back to top

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Data Analytics

- Announcement of Data.Virginia (April 2014) - New portal will increase transparency, encourage innovation and enhance state operations
- Commonwealth's first data-thon
- Expanding library of "open data"
- Data Analytics Summit with Secretary Bill Hazel
- Data Analytics Internship program with VCU
- Planning for Commonwealth-wide Data-thon for 2015

Secretary of Technology

Data.Virginia.Gov

Secretary of Technology

GET READY TO #HACKVA

ON AUGUST 21 : Teams from a variety of Virginia's agencies will come together for 48 hours of hardcore innovation at the Commonwealth's first ever Datathon.
Their mission: create amazing new apps that streamline government, better serve citizens, and jumpstart businesses.

Think YOU can do better than VA's best?

Agencies will be using data that's publicly available through Data.Virginia.gov. If you've got a great idea for an app using VA's open data, tweet or email us! You may get the chance to pitch your app to senior staff and invites to future Datathons across VA!

Follow the action.
Join the conversation.
DataVA@governor.virginia.gov
Data.Virginia.gov
@DataVirginia
#HackVA
#TechInVA

COVITS2014

Broadband

- Virginia Selected for School Broadband Pricing Project *~Goal to Lower Costs and Increase Bandwidth for School Divisions~* (partnership with Education SuperHighway)
- Provider meetings (SOTECH, CIT and Center for Rural Virginia)

Unmanned Systems

- Mid-Atlantic Aviation Partnership selected by the FAA as one of six test sites (December 30, 2013)
- Led by Virginia Tech, partnership with MD and NJ
- First flight August 13, 2014

Value Proposition

Search for Hannah Graham

- Use of Aeryon Sky Ranger
- Authorization to fly obtained within two hours of completed data package provided

DEVELOP

Governor McAuliffe Announces Research Collaboration with NASA Langley Research Center

RICHMOND - Governor McAuliffe today announced a **research collaboration with NASA Langley Research** Center in Hampton to engage students, recent graduates, early career professionals, and veterans to work on applied Earth science research projects to benefit the Commonwealth. A team of NASA Applied Sciences' DEVELOP Program participants will co-locate within the Virginia Secretary of Technology's office in Richmond and help design feasibility projects that apply NASA Earth Science to address Commonwealth concerns.

DEVELOP is part of the NASA Applied Sciences Program, **which supports activities that discover and demonstrate innovative uses and practical benefits of NASA Earth science data, scientific knowledge, and technology.** The DEVELOP National Program fosters an interdisciplinary research environment where applied science research projects are conducted under the guidance of NASA and partner science advisors. DEVELOP participants will work directly with Commonwealth professionals on research projects that focus on utilizing NASA Earth observations to address community concerns and public policy issues.

Virginia and the DEVELOP Program have conducted successful projects in the past. In 2013, a DEVELOP team utilized NASA Earth observations to identify suitable locations for expansion of viticulture in the Commonwealth. Project outcomes included providing the Virginia agriculture industry geospatial information products designed to support more sustainable site and varietal selections.

2014 Digital States Survey

A Michigan. Missouri and Utah

A- Connecticut, Georgia, Ohio, Pennsylvania, and Virginia (up from B+)

B+ Arkansas, California, Colorado, Hawaii, Indiana, Kentucky, Minnesota, North Dakota, Tennessee, Washington, and West Virginia

B Arizona, Delaware, Idaho, Iowa, Kansas, Louisiana, Maine, Maryland, Mississippi, Montana, Nebraska, New York, Oregon, Texas, and Wisconsin

B- Massachusetts, New Jersey, South Dakota, and Vermont

C+ Illinois, New Mexico, North Carolina, and South Carolina

C Alabama, Florida, Nevada, New Hampshire, Oklahoma, Rhode Island, and Wyoming

C- Alaska

CENTER FOR DIGITAL GOVERNMENT

Secretary of Technology

TechTober 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		30 Women's Etc Conference Analytics Summit	1 Career Day, SOVA	2 Throwback Thursday Tech. on the Wharf Geeks Who Craft Networking Happy Hour	3 MFG Day	4 Virginia Science Festival Week Mini Maker Faire 4-H Maker Faire
5	6	7 VMI STEM Conference Building Blocks of Matter	8 Greater Richmond Career Expo. Biotech & Beer	9 Beer and BioTeach Tech Tour for Middle Schoolers Business to Government Committee	10 UVA Medical Hackathon	11 Girls' Geek Day
12	13 TEDx xTupleCon	14 Tech Bunch for Lunch Veteran Hiring Webinar	15 Coffee & Donuts	16 Incubators & Accelerators Geeks Who Craft Unmanned Aircraft Systems Twitter Thursday @ 3pm	17 RVA TechJam	18 Open RVA
19	20	21 Region 2000 Tech Edge 2014 Hacking the Government	22	23 Tech CEO Networking	24	25
26	27	28 The Drone Next Door	29 Tech or Treat 1 Million Cups	30	31 Cyber Security & Incident Response	

Engineering For Kids Events Sept '14.- Nov. '14

Secretary of Technology

University of Virginia

concursive

Little Arms Studios

VCU

SGI
Virginia Serious Game Institute
@ Mason

NASA

Education SUPERHIGHWAY

Microsoft

1872 VirginiaTech®

DEVELOP

GEORGE MASON UNIVERSITY

QUESTIONS?