Building North Dakota’s Contribution to the Cyber Moonshot

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Speaker

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NORTH DAKOTA’S CONTRIBUTION TO THE CYBER MOONSHOT
Gratitude
North Dakota

...for those that have not visited ND... YET...

EMPOWER PEOPLE
IMPROVE LIVES
INSPIRE SUCCESS

Brag Stats
• #1 Entrepreneurs in the Nation – Univ. of Nebraska
• #1 Entrepreneurship environment – Kauffman
• #1 Best environment for start-up survival – Kauffman
• #1 Growth Performer State Since 2000 - U.S. Chamber
• #1 Quality of life - U.S. News & World Reports
• 252,000 users on State Gov Network
• 200,000 K-PHD students

Reinventing Government

Behavioral Health & Addiction

Tribal Engagement

Transforming Education

Main Street Initiative
K-20W

Every student
Every school
Cyber educated

Kindergarten through PHD
Why North Dakota?

...why would we want to be a national leader in Cyber?
CITIZENS

Protecting the privacy and security of our citizen’s data is essential
Technology = Opportunity
Technology is changing every job, industry, organization and government
Marching towards the Smart State

1,000,000,000 sensors just in ND
The magic of software is driving a digital transformation, creating an interconnected world with unprecedented opportunities and unprecedented threats.

Cyber Security is absolutely essential to our collective future. We are rising to the challenge to create a comprehensive, statewide approach to cybersecurity. We are creating a future that meets the needs of industry and provides career opportunities for our citizens.

Governor Doug Burgum
How are we getting there?

...how do you shift an entire state to a new position?
Build Cyber Mission Control
Mission Control starts at the top

Codename "K-20W"
Every student
Every school
Cyber educated

Kindergarten through PHD

Start with Vision
Work across the silos

40+ different organizations have come together...so far

Organizations

- Governor’s Office
- Department of Public Instruction
- North Dakota University System
- National Guard
- NICERC
- Palo Alto Networks
- 6+ private industry partners

- 6x K-12 Agencies
- 7x Higher Ed Institutions
- 9x Cabinet Agencies
Integrated Standards

Computer and Cyber Science
Building the 21st Century Workforce
Teach the teachers

Cyber education for the educators across the state
Design for the students

Curriculum and day to day instruction
Operational Security
Defending schools day to day
Outcomes
Building the 21st Century Workforce

"Creativity is thinking up new things. Innovation is doing new things."

Theodore Levitt
What’s Next?

We aren’t stopping here...
Far and away the best prize that life offers is the chance to work hard at work worth doing.

Teddy Roosevelt

North Dakota enjoys all four seasons.
Thank You
Questions?
Contact Information

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