



RESPONSE. EDUCATION. TRAINING. RESEARCH

# National Cybersecurity Center

*July 2017*



## **Mission & Vision**

### **NCC Mission**

**The National Cybersecurity Center (NCC) provides collaborative cybersecurity response services with comprehensive knowledge and capabilities through training, education, and research.**

### **NCC Vision**

**Enabling cybersecurity information and expertise for all.**



## Focus

**The NCC is a 501(c)3 non-profit organization supported by NCC derived revenue, as well as foundation, corporate, and philanthropic grants and donations to improve:**

- **Cybersecurity**
- **Cyber economic development**
- **Cyber workforce development**

**NCC is nationally focused on small and medium business, elected/appointed state and local government officials and private citizens providing response services, training, education and research.**



## 2-year Plan – Full Operational Capability

- **Full occupancy in the N Nevada Ava Facility**
- **Establish cybersecurity threat sharing status with State of CO OIT, and local offices of information technology**
- **24/7/365 initial incident response operations center fully operational**
- **Established solution providers registry**
- **Training 200 students per day in classes, boot camps, and sprints**
- **Formal partnership established with 60 universities across the US**
- **Live, constant feed of threat information from DHS**
- **Conducting 2 national training events per month for C-level executives, elected officials, and board directors**



## 2-year Plan – Full Operational Capability

- **Formalized, mature research Fellows program, sponsored by Northrup Grumman and Lockheed Martin**
- **Conducting grant-sponsored research for corporate and academic pursuits**
- **Conduct 4 major cybersecurity exercises per year for variety of sectors**
- **Development of the Cyber Star Program – in progress**
- **52% funded through internally derived revenue streams**



# 5-year Plan

- **Established Cyber Star Program with two processes:**
  - **Services Validation**
  - **Technology Validation**
- **Expanded services in support of Law Enforcement and Intelligence Organizations**
  - **Information sharing, analysis, and forensics support**
- **Fully operational SCIF – 200 person capacity**
- **90% funded through internally derived revenue**
- **Training 300 students per day in classes, boot camps, sprints, and other courses**
- **Formal partnership established with 100 universities across the US**



# Governance

## NCC BOARD OF DIRECTORS

**Bob Hurst—Chairman of the Board**

**John Suthers—Mayor of Colorado Springs**

**Pam Shockley-Zalabak—UCCS**

**Christian Anschutz—Anschutz Foundation**

**Rhett Hernandez—LTG, US Army Ret**

**Dave Anderson—CH2M**

**Kathy Boe—Boecore**

**Rick Crandall—Aspen Venture Partners**

**Erik Mitisek—Project X-ite, DU**

**Nancy Phillips—ViaWest**

**Martin Wood—UCCS**

**Mark Weatherford—vArmour**

**Mike Marcotte—Acumen Digital**

**Kyle Hybl—El Pomar Foundation**

**Andre McGregor—Tanium**

**USA (Ret.) LTG Ed Anderson—UCCS**

**Ed Rios—NCC CEO**



# Challenges/Actions

- **Identifying Resources**
- **Renovate the UCCS facility in Colorado Springs**
- **Full Operational Capability—EOY 2018**





# NCC Pillars

- **Rapid Response Center (RRC)**
  - Three components: ISAO, Response Ops, Solution Brokerage
- **Cyber Research, Education and Training Center (CRETC)**
  - University affiliated, NSA and DHS COE
- **Cyber Institute**
  - Cyber Think Tank



# 2017 Major Accomplishments

- **Supported proposed national legislation for cybersecurity funding with Sen. Cory Gardner**
- **Four Board training events**
- **Major Critical Infrastructure Exercise**
- **Initialized operations for all three pillars**
- **International collaboration and partnership with: Israel, Canada, United Kingdom, Belgium, Netherlands, Japan, and Slovenia**
- **Received 10 Rapid Response Center Cyber-911 calls – Mitigated 90%**
- **Reached 10,000+ people through over 100 outreach events (media, keynote speaking, panels, meetings, etc.)**
- **Completed design for new facility**



## 2017 Actions

- **Media presence established... Facebook, LinkedIn, Twitter, et. al.**
- **Conduct BoD/C-suite/Elected Official cybersecurity trainings for Terma North America, Land Title Guarantee, Six and Geving Insurance, Colorado County Commissioners, Focus on the Family, Honnen Equipment**
- **Create and distribute monthly NCC Newsletter**
- **Formalize full scholarship program through Colorado Technical University and other prospective Universities**



## 2017 Actions

- ① **1-877-90CYBER – Toll free RRC line**
- ① **Conduct major national exercise focused on hospital IoT terrorist attack – September 2017**
- ① **Establish NCC intern program**
- ① **Host an AFA Cyber Camp with CyberPatriot July 24-28**
- ① **Establish NCC volunteer program**



## 2017 Planned

- **Strengthening University partnerships for more cyber training**
- **Enterprise zone and HUB zone designations**
- **New Facility including: Technology Showcase, 200 Person Training Facility, counter-terror labs and test Ranges, ISAO Response Operations Center (IROC)**
- **Begin SCIF Development**
- **Establishment of NCC subscription**
- **NCC preferred partner platform development, i.e NCC seal of approval for cyber technology and services**



## 2017 Planned

- **Mature training collaboration efforts with BlackKnight Cyber, TechWise Solutions, Imprimus Inc., Tectonic, SecureSet Academy, LeaderQuest, the Small Business Development Center, and The Quad consortium**
- **Complete NCX partnership with ISAO**
- **Establish the Cyber Institute Fellowship program**
- **Conduct 2<sup>nd</sup> annual Governors Cyber Symposium – November 2017**
- **Conduct International Cyber Center Charrette – July 2017**
- **First Responders Cyber Exercise – Denver, CO**



# NCC Upcoming Events

- **NCC Cyber Institute's Cybersecurity Oversight Training**
  - August 17<sup>th</sup>-Colorado Springs
  - October 17<sup>th</sup>-Denver
  - February 2018-Terma North America-Salt Lake City
  - Training Proposals:
    - HomeAdvisor, CSBJ, DBJ, City Council of Aurora, Honnen Equipment
- **AFA Cyber Patriot Camp**
  - July 24<sup>th</sup>-28<sup>th</sup>
- **Cybersecurity Exercise**
  - Cyber First Responder Exercise, August 31<sup>st</sup>, 2017
  - Healthcare Cybersecurity, September 27<sup>th</sup>, 2017
- **Annual Cyber Symposium**
  - November 1<sup>st</sup> -3<sup>rd</sup>, 2017



# Future Home of the NCC



**3650 N. Nevada**  
**134,592 sq. ft.--10.09 acre lot**





## Questions and Discussion

# National Cybersecurity Center

Phone (719) 255-5225

**1867 Austin Bluffs Pkwy Suite 200**

**Colorado Springs, CO 80918**

[www.NationalCybersecurityCenter.org](http://www.NationalCybersecurityCenter.org)

