

VISION FOR THE NEW

CYBER CENTER FOR EDUCATION & INNOVATION

Home of the National Cryptologic Museum



NATIONAL CRYPTOLOGIC
MUSEUM FOUNDATION

A PUBLIC-PRIVATE PARTNERSHIP WITH UNPARALLELED CYBER DEFENSE EXPERTISE.

The Cyber Center and Museum Master Plan includes:

- A new state-of-the-art Museum
- The Conference Center
- Vigilance Air Park
- Classroom facilities
- World class research and rare books library
- A comprehensive site and land use concept

Continued strong private and public leadership is needed to realize this challenging vision.



PROPOSED SITE PLAN

PLEASE JOIN US AND GET INVOLVED!



Your participation, volunteer leadership and support are urgently needed to help us conceptualize, capitalize and construct the new Cyber Center for Education & Innovation,

Home of the National Cryptologic Museum. Join us now! To discuss your interest in supporting our efforts to create this vital new resource, please contact:

MGEN Roderick J. Isler, USA (Ret)

Vice President, Cyber Center for Education & Innovation,
New Museum Project Campaign

National Cryptologic Museum Foundation

P.O. Box 1563

Millersville, MD 21108

Office: 443-292-0091

Cell: 301-785-0896

goaisler@aol.com

- 1 CCEI-NCM Parking 498 Spaces
- 2 CCEI-NCM
- 3 Museum and Conference Center Drop-off
- 4 Service Road/ Loading Dock
- 5 Existing Museum
- 6 National Vigilance Park
- 7 Security Check Point
- 8 Colony Seven Road
- 9 Current NSA Parking (N1)
- 10 Current NSA Parking (N10)
- 11 Future VCP-1
- 12 86 foot Security Set Back
- 13 Entrance Signage



HELP US BUILD AND COMPLETE THIS NEW NATIONAL TREASURE.

THE CYBER CENTER FOR EDUCATION & INNOVATION, HOME OF THE NATIONAL CRYPTOLOGIC MUSEUM

is envisioned to be an integrated multi-purpose facility serving public and private stakeholders. Its overarching goal is to aid in strengthening our nation's cybersecurity and defending critical infrastructure by bringing together government, industry and academia to promote the sharing of insight, knowledge and resources.

The project is a private-public partnership of the National Cryptologic Museum Foundation and the National Security Agency.

The new Cyber Center will provide greater public insight and transparency regarding the work of the National Security Agency in defending our nation from foreign threats. It will provide a much-needed venue for honoring "those who serve in silence" by highlighting little-known stories of service, sacrifice and contributions in the cryptologic professions. The new complex will feature structured educational outreach programs to advance greater K-20 participation in the STEM disciplines, enhance workforce development and optimize operational cybersecurity training.

Message from Lieutenant General Kenneth A. Minihan, USAF (Ret)
Former Director, National Security Agency/Central Security Service
Chairman, Founders' Group, Cyber Center and New Museum Campaign



WE ARE ENGAGED IN A VITAL, NEW PUBLIC ENTERPRISE. Our mission is to complete the new Cyber Center for Education & Innovation and Museum (CCEI), dedicated to explaining the vital roles cryptology, signals intelligence, information assurance and cybersecurity play in defending our nation. It is a personal honor to help lead the private-public partnership between the National Cryptologic Museum Foundation (NCMF) and the National Security Agency that is demonstrating excellent momentum in seeking to realize this vision.

The CCEI will serve as an “open front door” that helps lift the veil of secrecy surrounding the collaborative work performed by NSA and its Intelligence Community and industry partners in providing our nation’s leaders with critical foreign intelligence and protection of our national communication and information systems from foreign exploitation. The complex will include a state-of-the-art new Museum, a conference facility, classrooms and meeting spaces, and an unsurpassed cryptologic library. The Center is expected to become a focal point in the National Capital region for educational outreach at multiple levels, information dissemination and policy discussion. Among the project’s goals:

- To **EDUCATE** the nation’s brightest young minds to consider careers in computer science, technology, engineering, mathematics (STEM) and linguistics in support of our nation’s security and economic well-being; enhance such educational outreach by leveraging the unique expertise and know-how of government and industry resources located at and around Fort Meade, Maryland.

- To **STIMULATE** dialogue about public- and private-sector security issues and policy concerns emerging from cyber threat proliferation by facilitating timely transfer of knowledge and insight that will help enhance our nation’s cybersecurity protection, especially for critical infrastructure.
- To **COMMEMORATE** those who “served in silence” with valor and distinction, and whose contributions help enhance and preserve our way of life.

While the NSA will assume the operating costs for the new facility, the NCMF is in the midst of a traditional philanthropic campaign to raise the roughly \$60 million of capital construction funding required to build the CCEI. This campaign is led by a “Founders’ Group” consisting of distinguished and committed leaders from the corporate and philanthropic community—people who share and support the visionary goals of the project and wish to help make it a reality.

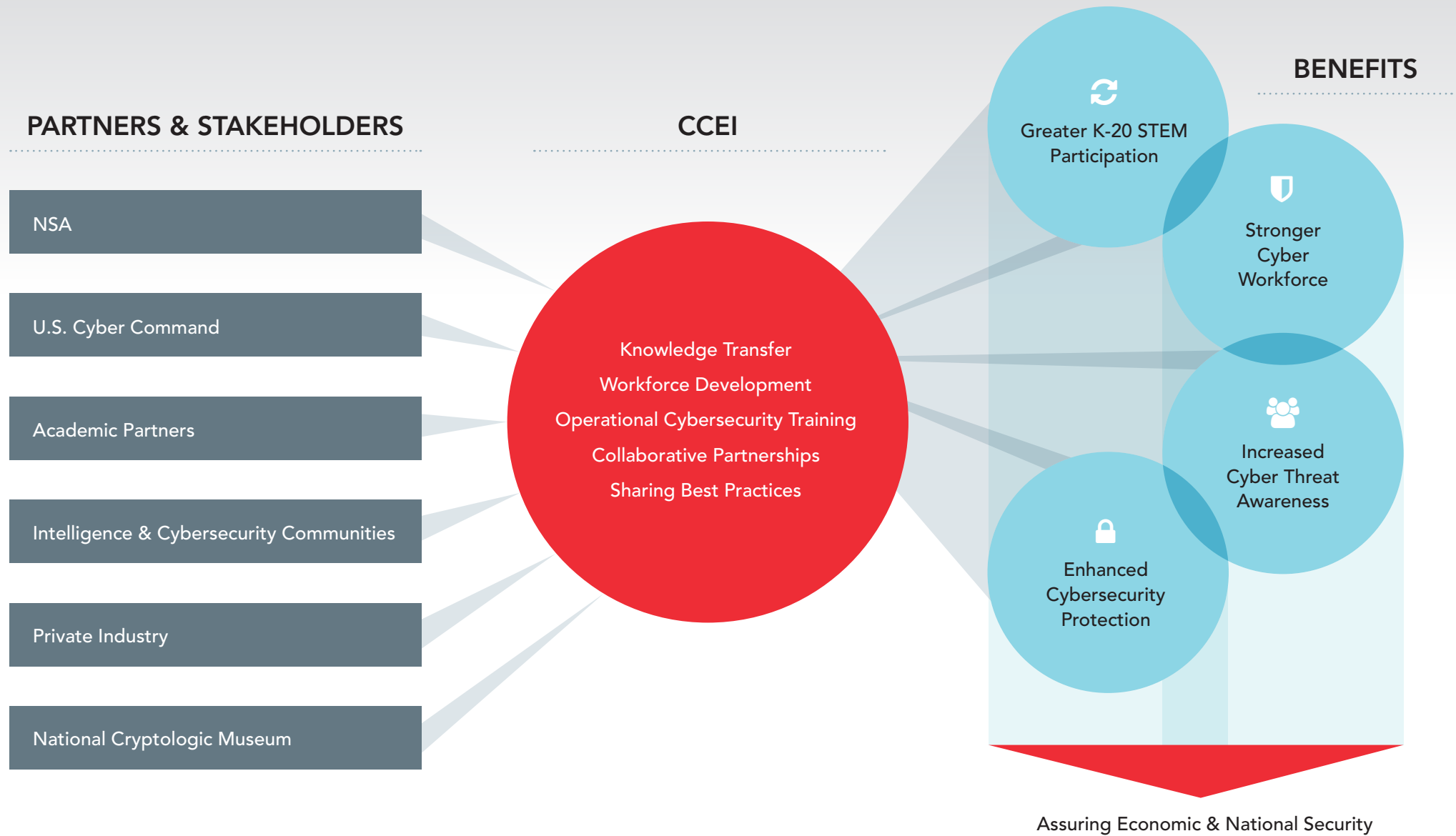
I invite you to look closely at this presentation. After doing so, I hope you will choose to participate in this most important endeavor by becoming a Founder.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ken Minihan".

Kenneth A. Minihan
Lieutenant General, United States Air Force (Ret)
Chairman, Founders’ Group
Campaign for the Cyber Center and National Cryptologic Museum

Vision for the Cyber Center for Education & Innovation





OUR GOALS



EDUCATE

the nation’s brightest young minds to consider careers in computer science, technology, engineering, mathematics (STEM) and linguistics in support of our nation’s security and economic well being; enhance such educational outreach by leveraging the unique expertise and know-how of government and industry resources located at and around Fort Meade, Maryland.



STIMULATE

dialogue about public and private sector security issues and policy concerns emerging from cyber threat proliferation by facilitating timely transfer of knowledge and insight that will help enhance our nation’s cybersecurity protection, especially for critical infrastructure.



COMMEMORATE

those who “served in silence” with valor and distinction, and whose accomplishments helped to enhance and preserve our way of life.

Vision for the Cyber Center for Education & Innovation



- CONFERENCE / AUDITORIUM
- LOBBY / CIRCULATION
- EXHIBITION / LIBRARY / CLASSROOM
- SERVICE / STORAGE
- OFFICE
- VISITOR SERVICES

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FIRST FLOOR PLAN



The Founders' Group Role

Current Founders' Group Membership



Jim Allen
Executive Vice President
Client Service Officer for Cyber Account
Booz Allen Hamilton



Christian Anschutz
The Christian P. Anschutz
Foundation



Bill Barroll
SVP for Asset Management/Leasing
COPT



Estate of Ann Z. Caracristi
Former Deputy Director, NSA



Dr. Robert Caret
Chancellor, University
System of Maryland



Christopher (Chris) Darby
President & CEO
In-Q-Tel



Michael Del Vecchio
Corporate Director
Intelligence Programs
Northrop Grumman



William Dunahoo
President
Praxis Engineering



Scott Ernest
President, Textron Aviation



Robert P. Frisbie
VP/GM Global IT Solutions,
BAE Systems, Inc.



Mark Gerencser
Chairman, UMUC Ventures



Chris Goodrich
COO and EVP, Mantech Mission Cyber
and Intel Solutions Group

The Founders' Group, a lay leadership body, has been formed to spearhead the private-public capital campaign and help secure the project's financial needs.

This body has the following responsibilities:

- Provide private sector leadership to create the new Cyber Center and Museum.
- Advise about architectural/exhibit design and other project parameters.
- Shape the private-public fund raising campaign.
- Contribute directly and recruit potential donors from peer networks.
- Advocate for public funding with Foundation and NSA/CSS coordination.

"This project presents a unique opportunity to create the Open Front Door to the National Security Agency, with related facilities, educational programs and exhibits. In so doing, America's citizens will learn how 'those who serve in silence' protect our treasured freedoms and way of life, often at great personal cost and sacrifice. Beatriz and I were honored when we were asked to devote our time and resources to this most worthwhile project. We now ask those who share in this view to join with us in generously supporting its successful completion."

Edmund O. Schweitzer, III, Ph.D.
President, Schweitzer
Engineering Laboratories
Member, Founders' Group

Principles of Donor Recognition



Donors to our capital campaign will be provided recognition consistent with the following principles:

- **Recognition within the CCEI:** Major donors will be honored under a “Five-Star” to “One-Star” hierarchical structure in a special recognition gallery. Donors also will have the opportunity to be recognized as sponsors of specific physical spaces or exhibits.
- **Founder-level recognition:** Founders and other major donors will receive exclusive invitations to high-level events.
- **Recognition in perpetuity:** Unlike with some charities, CCEI/NCM donors’ gifts will receive permanent recognition.
- **Parity of recognition:** In the “Five-Star” recognition hierarchy depicted here, recognition is proportionate to levels of giving and with largest donors receiving greatest visibility.
- **Publicity:** CCEI/NCM will help develop awareness campaigns to recognize major donors’ gifts.

Current Founders’ Group Membership



Thomas B. Howell
Chief Executive Officer,
TechUSA



Dr. David Kahn
Honorary Member,
Founders’ Group



Christopher Marzilli
President, Mission Systems
General Dynamics



LtGen Kenneth A. Minihan
Chairman, Founders’ Group
Former Director, NSA/CSS, Managing
Director, Paladin Capital Partners



Beatriz Schweitzer
Director of Community Outreach,
Schweitzer Engineering Laboratories



Edmund O. Schweitzer, III, Ph.D.
President, Schweitzer
Engineering Laboratories



Deon Viergutz
VP Cyber Solutions,
Lockheed Martin IS&GS National



Frederick Waddell
CEO, Northern Trust



David Wajsgas
President, Intelligence,
Information & Services,
Raytheon Company



Bill Weber
CEO, KEYW Corporation



State of Maryland

While not a Founders’ Group member, the State of Maryland has appropriated \$4.0 million in matching funds to date.

[illegible]

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- The purpose of the ongoing “Quiet” phase is to organize the campaign, conduct major private and public donor development, pursue leadership giving, build momentum and create advocacy opportunities for the project without external fanfare.

- A minimum of 25 Founders recruited and solicited.
- A minimum of \$20 million in private and public funding commitments pledged or banked.
- Evidence of sufficient donor prospects to complete the campaign.
- Impressive architecture designs & compelling exhibit plans completed.
- A positive public relations climate, conducive to effective campaigning.

Development of the new Cyber Center and Museum is being undertaken as a private-public partnership of the nonprofit National Cryptologic Museum Foundation (NCMF) and NSA.

- **Gilbane Building Company**, fully engaged as the project's construction manager.
- **Ralph Appelbaum Associates (RAA)**, a premier exhibit design firm, will be the project's exhibit and media designer.

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Early Milestones

Current NCM Compared to New CCEI

Current NCM	New CCEI / Museum
SIZE	
19,000 sq. ft.	74,000 sq. ft.
CONFERENCE CENTER	
60 seats	420 seats (everyday use)
	700-750 seats (when Main Hall used)
CLASSROOMS	
2 with 80 seats	1 with 60 seats
	2 with 50 seats each
	3 with 30 seats each
LIBRARIES	
1: public access	2: public access + rare books
MUSEUM SPACE	
6,600 sq. ft.	17,500 sq. ft.

We are pleased to announce the following project milestones:

Architecture & Site

- Comprehensive site and land use plan developed.
- Preferred location adjacent to main NSA buildings secured.
- Design Development for the Cyber Center and Museum complete. Creation of Construction Documents (95% design) initiated.
- Exhibit concepts for Museum under development.
- Draft Environmental Assessment and Finding of No Significant Impact complete.

Financial Development

- Founders' Group initiated as primary leadership cohort, multiple meetings held.
- Twenty-two Founders recruited and participating, numerous others awaiting finalization.
- \$16.4 million+ in funding secured, including first \$5 million+ individual gift.

- \$4.0 million in design funds secured from State of Maryland as initial disbursement against \$20 million long-term request.

Project Organization

- LtGen Kenneth Minihan assumes Founders' Group Chairman role on private side (2010).
- Full-time Chief Operating Officer on board (2014).
- NSA appoints a full-time Senior Project Director and an Installation and Logistics Program Manager (2015).
- FY 2017 National Defense Authorization Act includes necessary language to allow gifting of the facility to NSA and lease back to the NCMF (2016).

NATIONAL CRYPTOLOGIC MUSEUM FOUNDATION

BOARD OF DIRECTORS

Chris Inglis, Chairman,
Former Deputy Director NSA/CSS

Richard C. Schaeffer, President

Orville Lewis, Vice President

Kirsten Eland, Secretary

Edward Jacobs, Treasurer

Eugene Becker, Chairman Emeritus

Robert Rich, Vice President Emeritus,
Former Deputy Director NSA

BOARD MEMBERS

Billy Bingham, BGen, USAF (Ret)

Whitfield Diffie

Elonka Dunin

Michael V. Hayden, Gen USAF (Ret),
Former Director NSA/CSS

Roderick J. Isler, MGEN, USA (Ret)

Dr. David Kahn

Mark Lowenthal

Kenneth A. Minihan, LtGen, USAF (Ret),
Former Director NSA/CSS


Dr. Glen Miranker

Dr. Ed Schweitzer

Lisa Trombley

Dr. Don Winter

Museum concept drawings and site maps provided courtesy
of Ziger/Snead Architects and Morris + Ritchie Associates, Inc.



THANK YOU! Planning, design and construction of the new Cyber Center for Education & Innovation, Home of the National Cryptologic Museum, is made possible thanks to the philanthropic generosity, stewardship and guidance provided by the project's Founders' Group. The individuals and entities who are recognized here as Founders have played, and continue to play, an outsized, instrumental role in bringing this venture forth from vision through concept and ever closer to reality.

On behalf of all our stakeholders, we at the National Cryptologic Museum Foundation extend our deepest gratitude to these benefactors for their leadership.

TIERED FOUNDERS' GROUP STRUCTURE



\$5 MILLION+

Dr. and Mrs. Edmund Schweitzer/Schweitzer Engineering Laboratories, Inc.



\$3 MILLION+

State of Maryland



\$1 MILLION+

Dr. David Kahn
KEYW Corporation

TEXTRON

Corporate Office Properties Trust



\$250,000-\$500,000

ManTech International
Praxis Engineering

Raytheon
University System of Maryland

BAE Systems
General Dynamics



\$100,000

Lockheed Martin
Northern Trust
Estate of Ann Z. Caracristi

Northrop Grumman
In-Q-Tel
TECHUSA

Mr. Christian Anschutz
Mr. Mark Gerencser
Booz Allen Hamilton



Visitors view the "Magic Globe" in the museum's current Information Assurance Gallery.

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For more information | CCEI@cryptologicfoundation.org | <http://cryptologicfoundation.org/visit/goal> | 443-292-0091