

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, 491 spaces
- 2 CCEI-NCM
- 3 Museum and Conference Center Drop-off
- 4 Service Road / Loading Dock
- 5 Existing Museum
- 6 National Vigilance Park
- 7 Signage & 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 Green Space and Future Memorial Park and Playground



# HELP US ESTABLISH THIS VITAL NEW ASSET FOR OUR NATION.

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

will recall and honor the service, sacrifice and contributions of the Cryptologic Community from the past and present; it will act as a catalyst for those who will serve in the future. It is destined to embody and illuminate the NSA/CSS core values of Cryptologic Excellence: Yesterday, Today and Tomorrow. It will advance the public's understanding and appreciation for the role the Cryptologic Community plays in America's national security.

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

The partnership team envisions the Cyber Center as an integrated multi-purpose facility serving public and private stakeholders with the goal of 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.





**Message from Admiral Michael S. Rogers, USN**  
Commander, U.S. Cyber Command  
Director, National Security Agency/Central Security Service

**Lt Gen Kenneth Minihan, USAF (Ret)**  
Chairman, Founders Group  
Cyber Center for Education & Innovation-  
New Museum Project Campaign  
National Cryptologic Museum Foundation

Dear General Minihan:

**T**HE NATIONAL SECURITY AGENCY HAS PARTNERED WITH the National Cryptologic Museum Foundation for nearly two decades on the continued enrichment and enhancement of the National Cryptologic Museum. The Foundation and NSA share common goals of cultivating the cryptologic profession and motivating future generations of mathematicians, engineers, computer scientists, and linguists. The Museum is NSA's principal gateway to the public, sharing our cryptologic legacy, our place in world history, and our contributions to the Nation. The only public museum in the Intelligence Community, the National Cryptologic Museum has served as an invaluable educational tool, hosting tours for thousands of students and teachers each year. The museum library supports the exhibits and encourages visitors to research various areas of cryptologic history.

The Foundation is pursuing a vision of a new world-class facility that will host the National Cryptologic Museum and continue to celebrate cryptologic heroes and technologies of their trades. This vision includes:

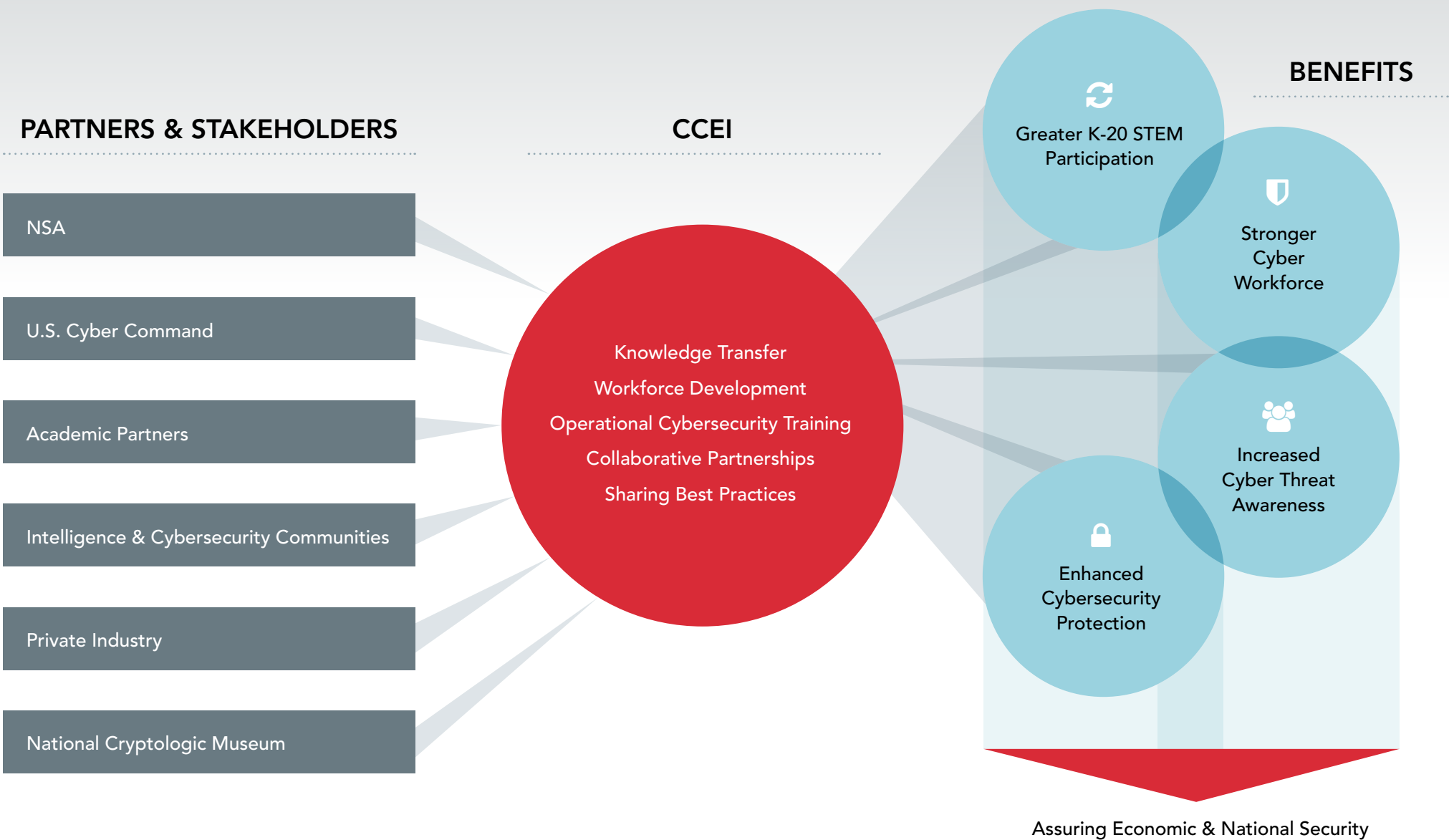
- An expanded exhibit area and engaging interactive displays of our iconic artifacts and stories;
- An environmentally controlled library to house the Museum's collection of documents and rare books; and
- Classrooms and an auditorium that will support increased educational and public outreach, lectures, and special events.

We fully support that vision and are grateful for the hard work and commitment of the Foundation.

**Michael S. Rogers**  
Admiral, U.S. Navy  
Director, NSA

The planned state-of-the-art Cyber Center and new National Cryptologic Museum will include iconic exhibits, artifacts and intelligence stories from NSA and other Intelligence Community organizations that span five centuries of cryptologic history. The Center will help lift the veil of secrecy surrounding the extraordinary collaborative work performed by NSA and their Intelligence Community and Industry partners to provide our nation's leaders with both critical foreign intelligence, and the protection of our own national communications and information systems from foreign exploitation. The Center is expected to become a focal point in the National Capital region for information dissemination, policy discussion and education. Among the project's goals:

- He ..





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.

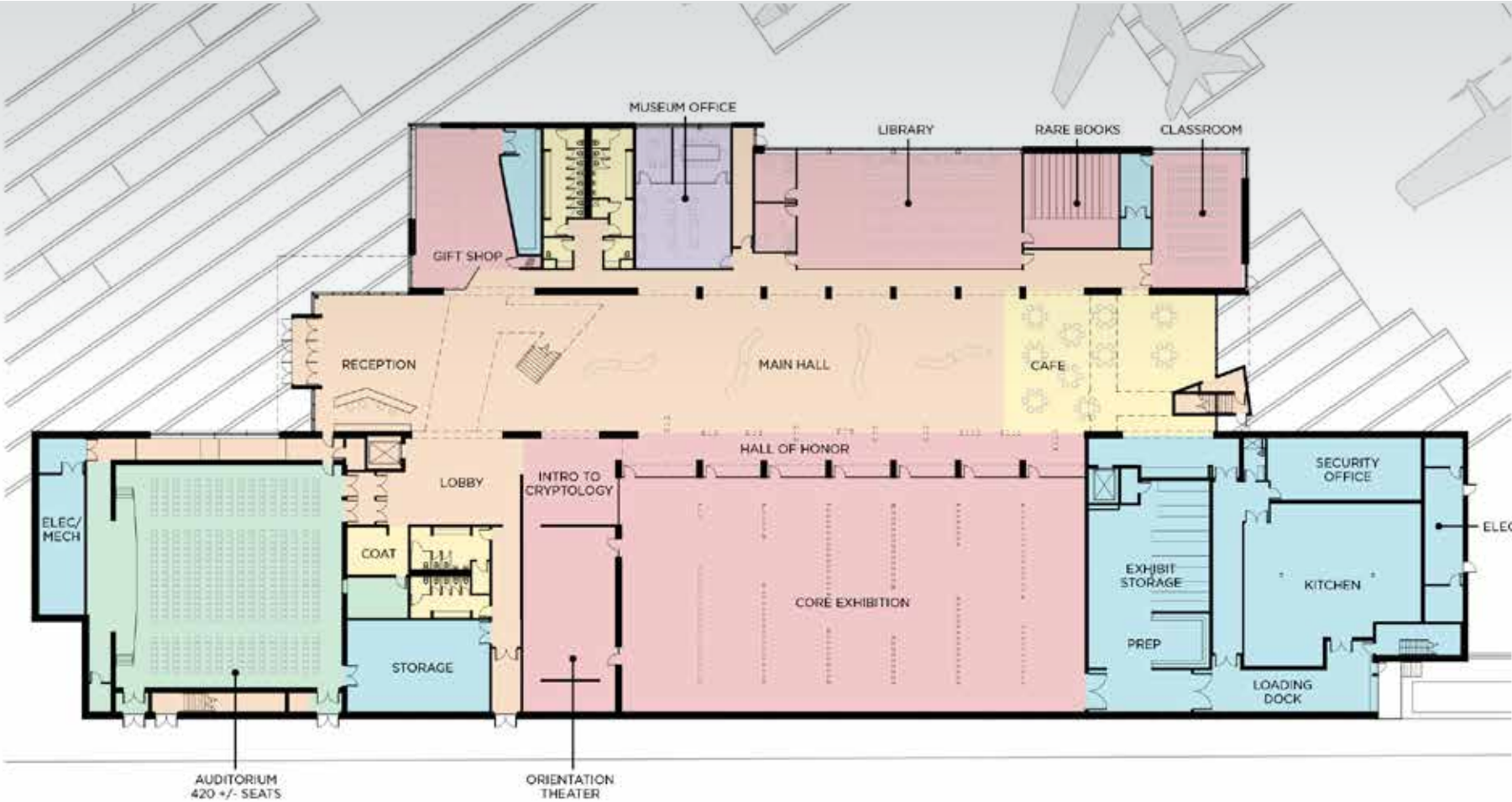


COMMEMORATE

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



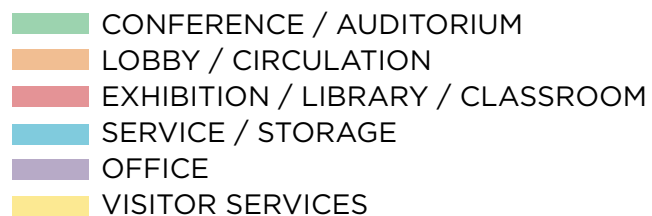
- CONFERENCE / AUDITORIUM
- LOBBY / CIRCULATION
- EXHIBITION / LIBRARY / CLASSROOM
- SERVICE / STORAGE
- OFFICE
- VISITOR SERVICES

0 140 N

FIRST FLOOR PLAN



M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M
H	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	
O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M		
P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M			
Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M				
R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M					



## SECOND FLOOR PLAN

# The Founders' Group Role

## Current Founders' Group Membership



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



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



**Christian Anschutz**  
The Christian P. Anschutz  
Foundation



**Estate of Ann Z. Caracristi**  
Former Deputy Director, NSA



**Dr. Robert Caret**  
Chancellor, University  
System of Maryland



**William Dunahoo**  
President  
Praxis Engineering



**Scott Erneste**  
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



**Thomas B. Howell**  
Chief Executive Officer,  
TechUSA



**Dr. David Kahn**  
Honorary Member,  
Founders' 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.

## 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

University System of Maryland  
Praxis Engineering

BAE Systems  
General Dynamics




\$100,000

Lockheed Martin  
Northern Trust  
Estate of Ann Z. Caracristi

Northrop Grumman  
Raytheon  
TECHUSA

Mr. Christian Anschutz  
Mr. Mark Gerencser  
Booz Allen Hamilton



**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.



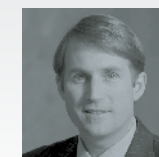
Donors to our capital campaign will be provided recognition consistent with the following principles:

- **Recognition within the CCEI:** Major donors will be honored hierarchically in a recognition gallery and also may 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:** Donors will be recognized commensurate with giving level, with the largest donors receiving greatest visibility.
- **Publicity:** CCEI/NCM will help develop awareness campaigns to recognize major donors' gifts.

## Current Founders' Group Membership



**Bill Weber**  
CEO, KEYW Corporation



**Bill Barroll**  
SVP for Asset Management/Leasing  
COPT



**Christopher Marzilli**  
President, Mission Systems  
General Dynamics



**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 Wajsglas**  
President, Intelligence,  
Information & Services,  
Raytheon Company

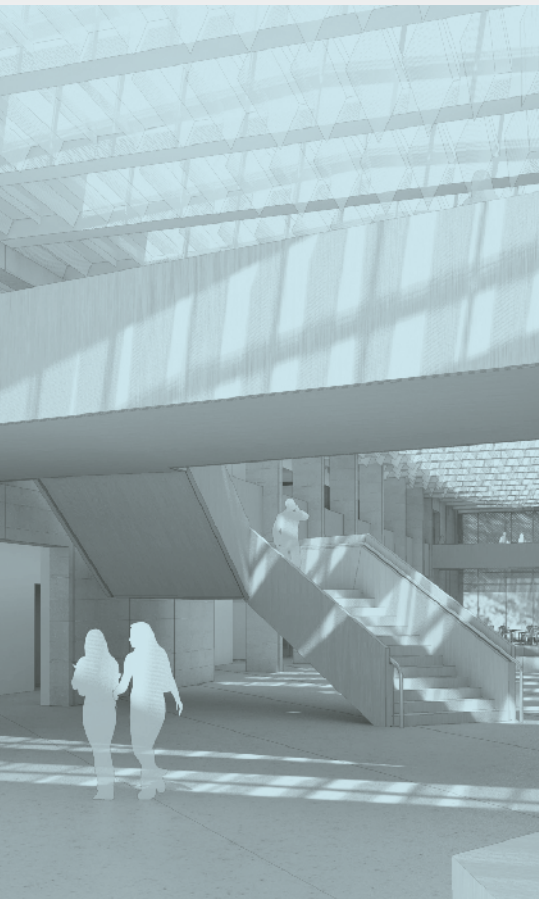


**Scott D. White**  
Vice President, Intelligence  
Northrop Grumman



State of Maryland

While not a Founders' Group member, the State of Maryland has appropriated \$3.5 million in matching funds to date.



The private sector capital campaign is providing impetus for financial development of the Cyber Center and Museum.

**The capital campaign is organized as follows:**

- Driven by the Founders’ Group, who serve as the project’s philanthropic leadership.
- Segmented into “Quiet” and “Public” phases, with transition points determined by attainment of operational benchmarks.

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.

The campaign will transition to its “Public” phase upon attainment of the following benchmarks which we are approaching:

- 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 campaign.
- Impressive architecture designs & compelling exhibit plans completed.
- A positive public relations climate, conducive to effective campaigning.

# The Private-Public Partnership

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 the NSA.

**Private-sector team members include:**

- **LtGen Kenneth Minihan, USAF (Ret)**  
Chairman, Founders' Group.
- **MGEN Roderick J. Isler, USA (Ret)**  
Vice President, Cyber Center for Education  
& Innovation, New Museum Campaign.
- **Mr. Larry Castro** Chief Operating Officer, Cyber Center  
for Education & Innovation, New Museum Project.
- **Mrs. Carol Stromberg**, Executive Administrator.
- **Fernando Partners**, a consultancy with expertise  
in public-private project capitalization, organization  
and development.
- **Ziger/Snead Architects**, developed initial site plans  
and building concepts both through the generous  
sponsorship of Corporate Office Properties Trust  
and pro-bono; now retained as Project Architect  
going forward.
- **Morris & Ritchie Associates (MRA)**, on-board  
for Civil and Site Engineering and environmental  
assessment support.

**Public team members include:**

- **ADM Michael S. Rogers**, USN, Director, NSA/CSS. Commander, US Cyber Command.
- **Mr. Richard Ledgett**, Deputy Director, NSA.
- **Ms. Natalie Laing**, Chief of Staff, NSA.
- **Ms. Arlene Santos**, Senior Project Director for the CCEI/New Museum Project.
- **Mr. Patrick Weadon**, National Cryptologic Museum Curator.
- **Jennifer Wilcox**, National Cryptologic Museum Administrator.
- **Ms. Rene Stein**, National Cryptologic Museum Librarian.





Current NCM Compared to New CCEI

Current NCM	New CCEI / Museum
SIZE	
19,000 sq. ft.	75,000 sq. ft.
CONFERENCE CENTER	
60 seats	420 seats (everyday use) 750 seats (when Main Hall used)
CLASSROOMS	
2 with 80 seats	1 with 60 seats each 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.	18,500 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.
- Concept Design and Schematic Design for the Cyber Center and Museum complete. Design Development begun.
- 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 Founders recruited and participating, numerous others awaiting finalization.
- \$15.5 million+ in funding secured, including first \$5 million+ individual gift.

- \$3.5 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.
- 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 the 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)

William Black, Former Deputy Director, NSA

Whitfield Diffie

Elonka Dunin

Rand Griffin

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.



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CYBER CENTER FOR

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