

Greg Focaccio - Employee Brief

Greg Focaccio

Code #

IT Specialist

Month Day, 2025

Greg Focaccio – Employee Brief, BLUF

Family Life



Vacation in Alaska 2025

Work Life



Granting Network Wishes
at NIWC PAC

Greg Focaccio – Employee Brief, BLUF

Personal

- Native San Diegan, Married for 16 years
- Three children (12, 9, 4) at home, three grown step-children with 4 grandkids
- Enjoy learning about and experimenting with new network technologies (garage lab)
- Enjoy camping with family, hiking in the local desert and mountains, bodysurfing, and tennis

Professional

Previous Work

- 15 years of hands-on Network Engineering experience
- Worked as Lead Engineer at multiple Internet Service Providers and network consulting companies

NIWC PAC

- Joined 4 years ago (2021), working on X Project in Code X as contractor
- Became Civilian Navy 2 years ago (2023)
- Hope to remain here for the duration of my career
- Made key technical contributions to the X project
- Plan to continue work as technical contributor
- Open for opportunities to begin managing technical teams

Greg Focaccio – Network Technology Layer

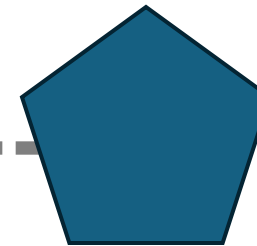


Electrical
Power



Where I work

**Networked Information
Power**



Military
Systems for
Strategic and Tactical
Power

Greg Focaccio – Network Technology Layer Growth

AI and Proliferation of Systems

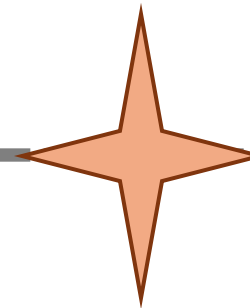
*Requires **even more** Networked Information Power*



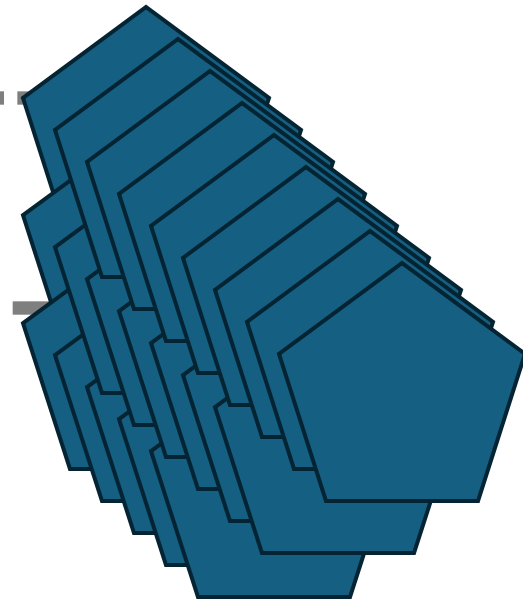
Electrical
Power



Networked Information
Power



Systems for
AI
Power



Proliferating Systems
or Strategic and Tactical
Military Power

Greg Focaccio – Background, Pre-NIWC

Education

- **Pomona College**, BA *Biology*, Cum Laude 1991
- Medical School (Incomplete) 1992-1995
- Adult School / Cisco Network Academy Southwestern College

Work Experience

15+ Years across the full spectrum of types of Network Work

- Design and Engineering
- Implementation and Infrastructure
- Operations and Troubleshooting

Prior to NIWC PAC

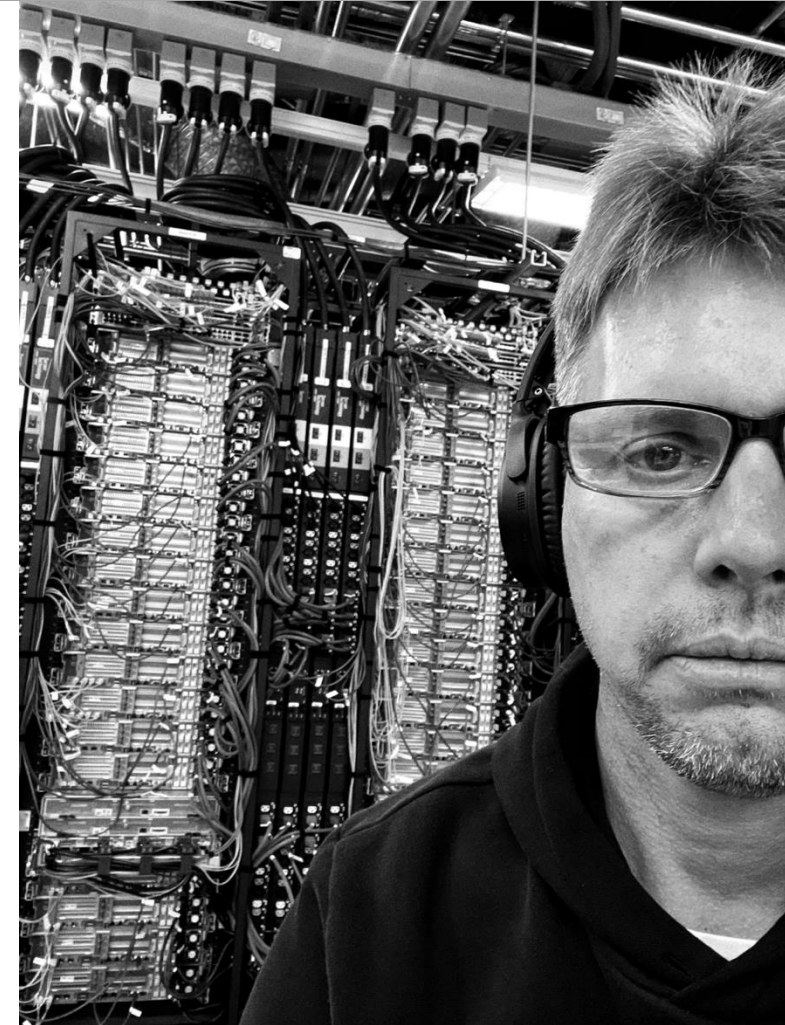
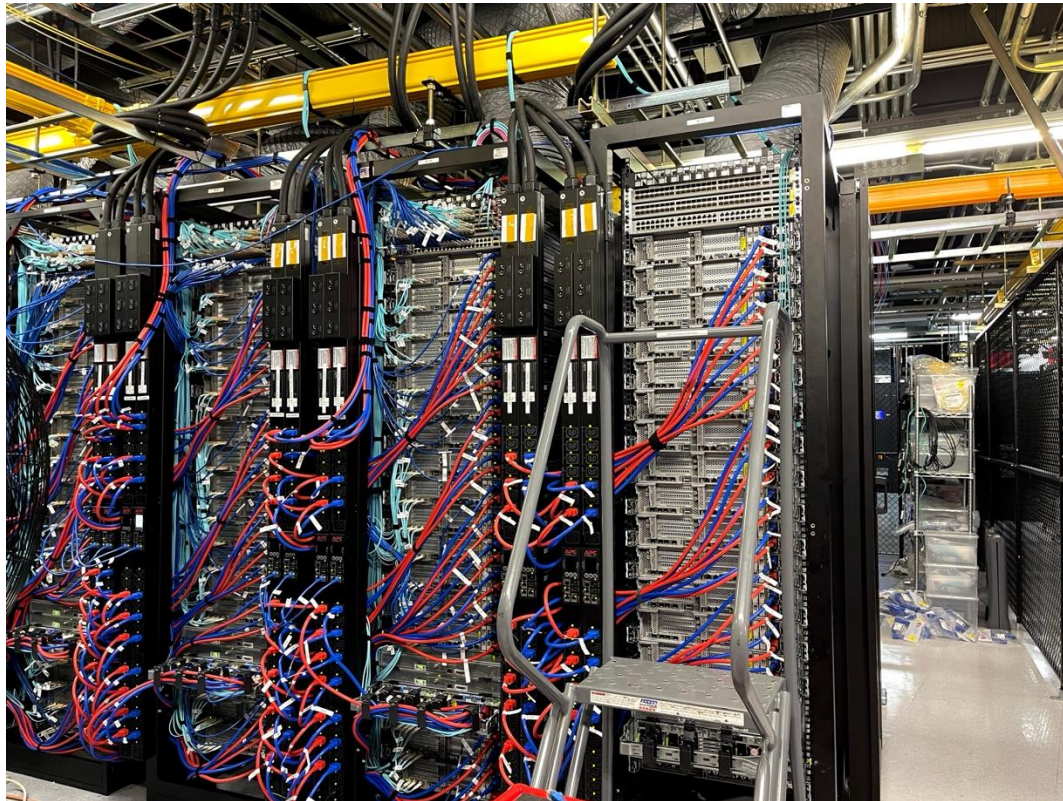
- 1 Year – Principal Network Engineer – SD Datacenter ISP (M5 Hosting) 2021
- 2 Years – (DoD) SIPR Transport NMCI (Perspecta) 2018-2020
- 2 Years – Principal Network Engineer – SD Datacenter ISP (CARI.net)
- 3 Years – Senior Network Engineer – Network ISP and VoIP Provider (NextLevel Internet)
- 3 Years – Partner Network Engineer – Network Consulting Company (GoNet Forward)
- 4 Years – Junior Network Engineer – Network Services Company (Network Insight)

Certifications

- **CCNP** Cisco Certified Network Professional (Past)
- Security+ (Current)

Greg Focaccio – Work, Pre-NIWC

Building networks
for M5 and Meraki
Early 2020, Sorrento Valley



Greg Focaccio - NIWC PAC - Career, Current

4th Year at NIWC PAC – Since Summer 2021

- Network Engineer with same Branch / Project
- NAME and Purpose of Code/Branch

2nd Year as Navy Civilian – Since Spring 2023

IT Specialist (Network Lead)

- Develop and Refine Network Roadmap
 - Support wider view and longer-term objectives coming from NAVWAR and Program Office
 - Provide novel capabilities and ideas to NAVWAR and PO via Team IPT and LE
- Network RDTE - Create Engineered and Tested Solutions, Capabilities, and Integrations
- Network Implementations - Support Fleet and Lab Build-Outs, Modernizations, and Integrations
- Network Operations– Back-stop for Fleet Operations, Incident Management (CASREPs), and Troubleshooting

Greg Focaccio - NIWC PAC – *Project Accomplishments*

Fleet

- Engineered key cybersecurity improvement, satisfying major FCC Program requirement
- Delivered key cybersecurity requirement to Fleet enabling Major Milestone (cutover) for Project
 - System accepted on DATE as modernized replacement for past system within X
 - Supported initial site implementation of Cybersecurity improvements
- Delivered First Network Visibility Capability to System
- Supported key external System Assessments
- Provided key network engineering required to enable high profile international cooperative functional demonstration of new undersea communication modality

SCITF (Pac X Lab)

- Modernized Management of Lab Network
- Added New Lab Capabilities
 - New wide area network (WAN) simulator
- Tools and network modeling software
- Enabled International Network Link to UK for key capability functional demonstration

Greg Focaccio - NIWC PAC – *Project Goals*

FY 26-28

- **Fleet**

- **New Network Architecture, Hardware Modernization, New Services**
 - IP addressing, WAN architecture, New virtualized environments
 - Mature monitoring and management services
- **Mature Cybersecurity hardening**
 - Identity and Access Management, Zero Trust Architectures
- **Introduction of Automation**
 - Infrastructure as code
- **Maintain and grow key integrations and new capabilities**

- **Lab**

- Maintain and improve lab conformance as Fleet representative engineering and test environment
- Develop new approaches to configuration automation and testing automation
- Support more system of systems lab integrations to enable more complete E2E testing

Greg Focaccio - NIWC PAC - Career, Future

Next 2-3 Years

- Continue as technical contributor on project during key modernizations
- Learn about and promote openness to working as technical contributor on other high profile network heavy projects
- Begin to develop Team leadership experience and training
- Open to Initial roles as Technical team lead (IPT)

4 Years out and beyond from present:

- Gain experience as Technical team lead

Further out

- Mentor as Technical Lead to Junior Technical leads

Greg Focaccio - Personal Info, Family

Family History

- Father's side: Italian (Naples), Immigrated to US via Ellis Island in 1880
- Mom's side: French Canadian, in US since 1800s, Settled in Somerset, Wisconsin (small farm town)
- Me: Native San Diegan
 - Father came to San Diego visiting his sister, a Navy Nurse, then decided to move here ('65)
 - Mom followed a school friend from Somerset to San Diego ('66)

My Family

- Home in Tierrasanta (Near Miramar Air Station)
- Married to Karen for 16 years
- 3 Children: 12 Raffaella, 9 Dalton, 4 Isabella
- 3 Older Step-Children (out of the house): (Twins) 27, 27, and 29
 - One daughter, Married to Army Sergeant - Returning to Fort Irwin, CA next year
 - One daughter, Senior Airman, Airforce as GIS, at Beal AFB, CA

Pets

- Desert Tortoise
- Small Dog – Toy Poodle mix

Greg Focaccio - Personal Info, Family

Great Grandfather in US Census 1910 – Jersey City, New Jersey

✓ 176	<u>Focaccio</u>	Martin	Daughter	F W 2 S	New Jersey	It	Italian	It	Italian	180 20	English	None	Grocery	Store	OK
		Raffaella	Wife	F W 45 M 13	New Jersey	It	Italian	It	Italian	187	English	None	None	None	
		Vincent	Son	M W 12 S	New Jersey	It	Italian	It	Italian			None	None	None	
		Angiolina	Daughter	F W 10 S	New Jersey	It	Italian	It	Italian			None	None	None	
		Josephine	Daughter	F W 6 S	New Jersey	It	Italian	It	Italian			None	None	None	
		Rosalia	Daughter	F W 4 S	New Jersey	It	Italian	It	Italian			None	None	None	
		John	Son	M W 2 S	New Jersey	It	Italian	It	Italian			None	None	None	
		Mary	Daughter	F W 2 S	New Jersey	It	Italian	It	Italian			None	None	None	



Greg Focaccio – Personal Info, Family

With Father
Alaska Cruise
July 2025



Greg Focaccio - Personal Info, Family

With Family
Denali, Alaska
July 2025



Greg Focaccio – Personal Info, Other

Hobbies / Interests

- Technology - Building and learning new network and system designs in garage lab
- Gardening, including Native Plants
- Camping, Hiking, Bodysurfing, Tennis
- Nature - Desert / Mountains / Beach

Fun Facts

- Born the same day (within the hour) as the successful Apollo 11 Moon launch
- Drunk from the Nile in Egypt (means I'll go back someday)
 - Been inside King's Chamber in the Great Pyramid (1991)
- Completed 2 Rock N' Roll Marathons (2007, 2010) (1/2 jog, 1/2 walk)
- Summited San Jacinto (10,834 ft near Palm Springs)
 - Working towards Mt. Whitney (next year or two)
- First computer was an IBM PC with two floppy drives, ascii graphics, and BASIC (still have)
 - Programmed Basic, Fortran, Pascal
- Caravanned (with Dad) and Family (2008) down Baja California to Cabo San Lucas

Greg Focaccio - Personal Info, Other



Egypt with Father
1991



Marathons
2007 & 2010

Greg Focaccio – Value from Differences

What Differentiates me that is of value to NIWC PAC

- **Perspective and Gratitude**
 - Appreciation for the History, Prestige and Mission criticality of the Center
 - Grateful to be able to contribute to a Mission as an inherent motivation, versus commercial
- **Career Arc Position and Continuity**
 - Latter in my Career Arc, hope and expect to remain with NIWC and NAVWAR
 - Continuity provides value, in maintaining state and supporting informed decision making
- **Qualities**
 - Accept and Enjoy Difficult Challenges – Especially Network Centric
 - Enjoy working on the edge – Pushing technologies and breaking new ground
 - Natural Sincerity and Team Orientation
 - Background rooted in Science - Strong orientation for detail and testing
 - Imagination - Enjoy conceptualizing new ways of doing things

Greg Focaccio, Future

Family Life



Work Life, Now



Work Life, Future...

**New ways to
contribute to
NIWC PAC**