

# Greg Focaccio - Employee Brief

**Greg Focaccio**

Code #

IT Specialist

Month Day, 2025

# Greg Focaccio – Employee Brief, Intro

## Family Life



Vacation in Alaska 2025

## Work Life



Granting Network Wishes  
at NIWC PAC

# Greg Focaccio – Employee Brief, Intro

## Personal

- Native San Diegan, Married for 16 years
- Three children (12, 9, 4) at home, three grown step-children (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
- Extensive datacenter experience

### NIWC PAC

- Joined NIWC PAC 4 years ago (2021), working on X Project in Code X as contractor
- Became Civilian Navy employee of NIWC PAC, 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

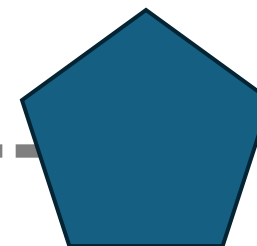


Electrical  
Power



**Where I work**

**Networked Information  
Power**



**Military**  
Systems for  
Strategic and Tactical  
Power



# Greg Focaccio – Network Technology Layer Growth

## AI and Proliferation of Systems

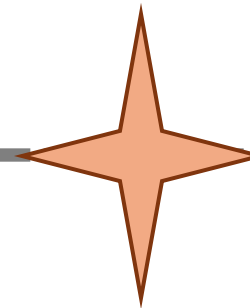
*Requires **even more** Networked Information Power*



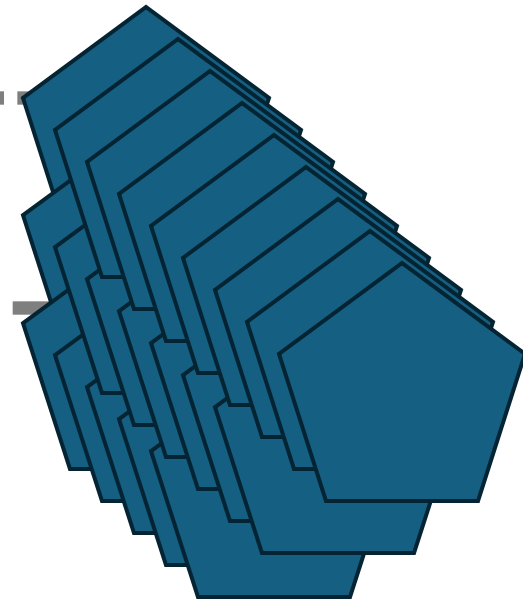
Electrical  
Power



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 of Full Spectrum of Network Work

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

### Prior to NIWC PAC

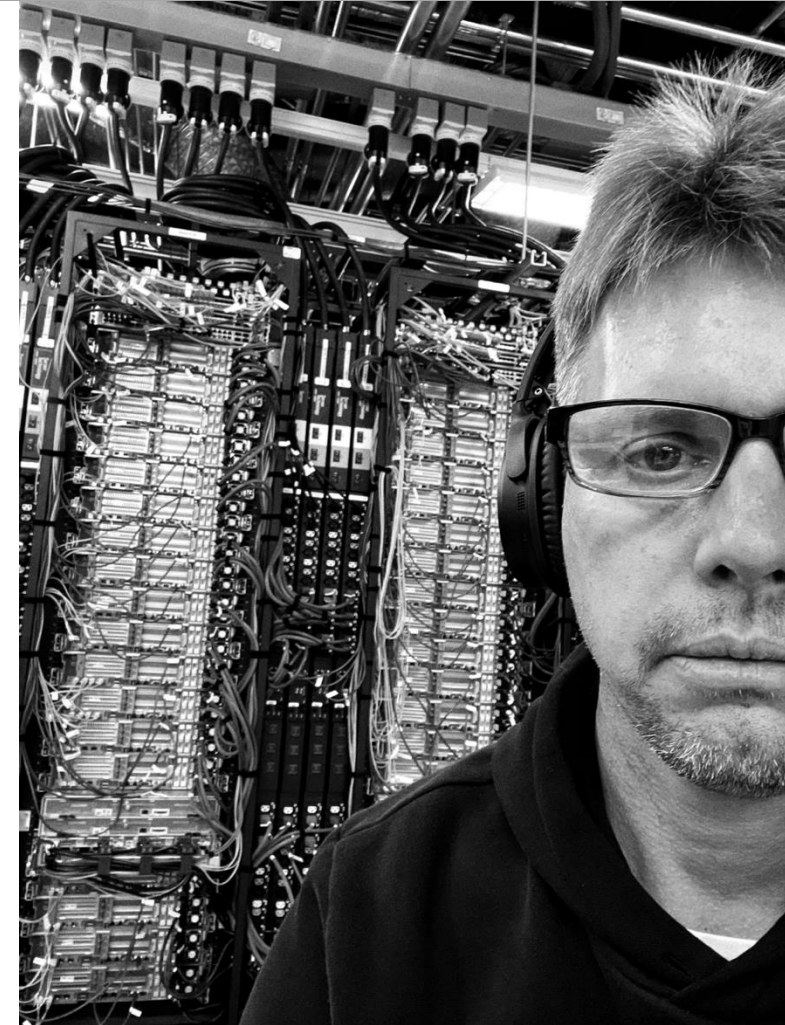
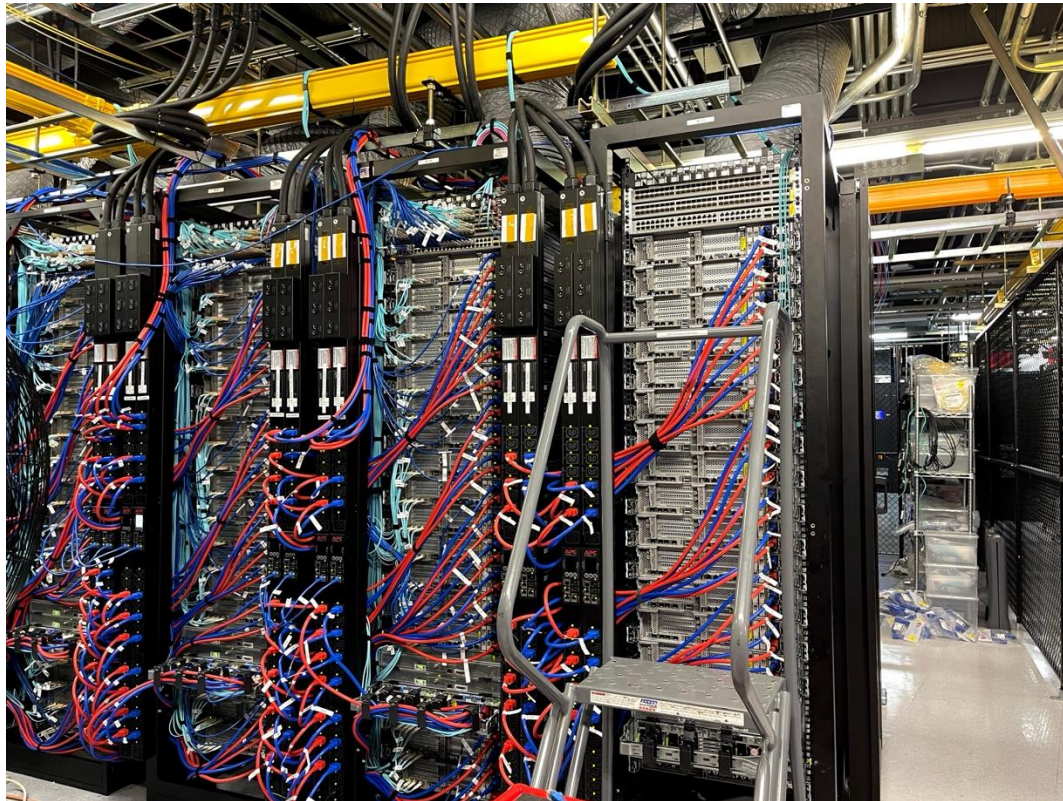
- 1 Year – Principal Network Engineer – SD Datacenter ISP (M5 Hosting) 2021
- 2 Years – (DoD) SIPR Transport NMCI (Perspecta) 2018-2020
- 2 Years – Principal Network Engineer – SD Datacenter ISP (CARI.net)
- 3 Years – Senior Network Engineer – Network ISP and VoIP Provider (NextLevel Internet)
- 3 Years – 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**

### **My Role - IT Specialist (Network Lead)**

- Network Roadmap
  - Support wider view and longer term NAVWAR and Program Office needs and requirements
  - Provide novel capabilities and ideas to NAVWAR and PO via Team IPT and LE
- Network RDTE (Creation of Engineered and Tested Solutions, Capabilities, and Integrations)
- Network Implementations (Supporting Fleet and Lab Build-Outs, Modernization, and Integrations)
- Network Operations (Monitoring, Management, Troubleshooting)



# Greg Focaccio - NIWC PAC – *Project Accomplishments*

## **Fleet**

- Engineered key cybersecurity improvement to satisfy 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 pieces 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 PA Demo

# Greg Focaccio - NIWC PAC – *Project Goals*

## FY 26-28

- **Fleet**

- **Network Architecture, Hardware Modernization, Services**

- IP addressing, WAN architecture, New virtualize 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 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 open to work 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)

## **Beyond 4 Years 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
  - Great Grandfather Raffael Focaccio, Jersey City
- 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 to visit 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 (Returning to Fort Irwin next year)
  - One daughter, Active Duty in the Airforce as GIS in 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

- Building and learning new network and system designs in garage lab
- Gardening Native Plants
- Camping, Hiking
- Bodysurfing, Tennis

## Interests

- Family
- Technology
- Nature - Desert / Mountains / Beach

## Fun Facts

- Born the same day (within the hour) as the successful Apollo 11 Moon launch
- Been to Egypt, drunk from the Nile, and been to the 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)
- My first computer was an IBM PC with two floppy drives, ascii graphics, and BASIC (still have)
- In 2008 our Family caravanned (with Dad) on a 3 day drive 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**

# Greg Focaccio - NIWC PAC – *Personal Goals*

## **Short and Middle Term**

- Continue on Project as key Network technical performer
- Mentor and train new network team member
- Branch out to support other High Profile Projects
- Learn more about Managerial Skills
- Learn about RF, develop IP over RF network designs
- Learn about Non-terrestrial network
- Bring capabilities to from systems

## **Longer Term**

- Learn and begin training in Technical Team Management
- Learn more about Acquisition Processes
- Support NIWC PAC and NAVWAR Missions as technical team manager
- Develop and participate in novel capability creation
- Explore organizational design (Pure network RD w/in ST?)