



Pacific Network Group, LLC  
dba Banyan Networks

**STATEMENT OF QUALIFICATIONS  
FOR PROFESSIONAL SERVICES  
FY 2024-25  
COUNTY OF HAWAII  
CIVIL DEFENSE AGENCY**

June 29, 2024

Dave Swirsky, Vice President of Sales  
(808) 256-7638  
[dswirsky@banyannetworks.com](mailto:dswirsky@banyannetworks.com)



June 29, 2024

Mr. Talmadge Magno  
Civil Defense Administrator  
County of Hawaii  
920 Ululani Street  
Hilo, Hawaii 96720

Subject: **Statement of Qualifications – Professional Services FY 2024-25 for Professional Engineering for Radio and Microwave Communications**

Dear Mr. Magno:

Thank you for the opportunity to present Pacific Network Group, LLC dba Banyan Networks qualifications to the County of Hawaii Civil Defense Agency. Banyan Networks kindly requests to be included on the professional services provider list for FY 2024-25 for:

**CD.2) Professional Engineering (System Design and Engineering) for Radio and Microwave Communications Projects**

Banyan Networks is a technology services company serving the communications industry in Hawaii. Our expertise is Mission Critical Communications Networks, focused on the following primary areas: Critical Infrastructure, Municipal and State Government Networks, Police and Public Safety Networks and Video Surveillance Systems. Our consulting, engineering, installation, and maintenance programs are designed to give you cost competitive services with leading edge technology and expertise.

Our professional staff is experienced in meeting the challenges of delivering services to our customers through the offering of the following services:

- Consulting
- Wireless design and implementation
- MPLS network design and implementation
- Project management
- Two-Way radio design, implementation, & consulting
- Professional engineering, Architectural and Design engineering services
- Structural analysis
- Construction, installation, and project management services
- Managed services

Thank you for the opportunity to provide this qualification statement.

Sincerely,

A handwritten signature in black ink that reads 'Dave Swirsky'.

**Dave Swirsky**  
Vice President of Sales  
(808) 256-7638  
[dswirsky@banyannetworks.com](mailto:dswirsky@banyannetworks.com)

## 1. Business Name and Addresses

### **Banyan Networks**

#### **Headquarters Office**

1150 N Nimitz Highway, Unit 6  
Honolulu, HI 96817  
(808) 536-2058

#### **Maui Office**

1331 Eha Street, Unit 101  
Wailuku, HI 96793  
(808) 536-2058

#### **Hawaii Island Offices**

16-643 Kipimana St., Unit #22  
Keaau, HI 96749  
(808) 536-2058

#### **Kauai Office**

2976 Aukele St # B3  
Lihue, HI 96766

## 2. Age of Company and Number of Employees

Age of Company:	29
Years Doing Business in Hawaii:	22
Number of Hawaii Employees:	45

## 3. Corporation Members

### **Laurence Dietrick, P.E. (Structural), Principal, President and Lead Consultant**

M.B.A., DePaul University

B.S., Civil Engineering, Marquette University

Mr. Dietrick has over 25 years of experience in the wireless telecommunications industry. He is responsible for strategic direction and management of Banyan Networks. A seasoned entrepreneur, he has proven leadership capabilities and an adeptness at identifying business opportunities and developing them into successful operations with minimal resources.

Mr. Dietrick has extensive operational experience in the engineering and telecommunications industry. He has over 20 years' experience in the Hawaii market working on various public safety communications projects including LMR consulting, LMR and microwave network engineering and wireless system deployments for county-wide projects in Maui County and Hawaii County. Prior to founding Banyan Networks, Larry held numerous positions in the telecommunications and engineering industry, including CEO of Scientel Solutions, Vice President, Telecommunications for Scientech, Inc., and General Manager, Chicago office, for Halliburton NUS.

Mr. Dietrick is responsible for the strategic leadership of Banyan Networks with a focus on expanding the consulting practice to public safety clients throughout the state.

He is a licensed Professional Engineer (structural) in Hawaii and five other states.

#### **4. Staff Experience – Key Employees**

Banyan Networks employees are educated, seasoned and professional engineers, project managers and technicians.

The following individuals are a cross section of our key employees.

- **Dave Swirsky – Vice President of Sales**

Dave is an experienced business professional well versed at solving business problems through the use of innovative technology. As such, has become a trusted advisor to his customers. Prior to his over 12 years at Banyan Networks, Dave spent 11 very successful years at CA Technologies (formerly Computer Associates). In his tenure at CA, Dave formed long term C-level relationships with such customers as Bank of Hawaii, First Insurance Co of Hawaii, HMSA, Fidelity Information Services, TheBus, the City & County of Honolulu and the State of Hawaii.

Dave's responsibility took on the responsibility to oversee the development of the Hawaii market for Banyan Networks and has grown our local presence from a fledgling operation into a long term, sustainable business, thus allowing the separation and formation of Banyan Networks.

- **Brian Peres – Vice President of Engineering**

Brian is an experienced Network Engineer with over 15 years of experience testing, designing, and deploying data networks including Cellular, VoIP, Wi-Fi, IP, and MPLS technologies. Experience in field deployment has provided insight into all types of environments, and hands on experience in real world scenarios in locations all over the globe. This background provides insight to accurately design and implement data network solutions to custom fit any customer's needs.

Brian has become the trusted go-to networking resource for the County of Maui and the County of Hawaii.

- **Dan Kodama – Senior Systems Engineer**

Dan is an Electrical Engineer with a specialization in wireless networks. He has an established background in RF Design, Propagation Analysis, Network Optimization, Testing and Troubleshooting. Designing, Implementing and Optimizing Licensed and Unlicensed PTP, PMP, and Mesh Wireless Networks. Interference Analysis for Wireless Networks, Generating Coverage Plots, Frequency Planning, Propagation Analysis and Path Profile Analysis using EDX and Mentum Planet, RF Site Survey and Analysis Implementation, Testing, Commissioning, Provisioning and Configuring of devices on Wireless Networks.

## 5. References

### **LMR / P25 Consulting and Project Management**

#### County of Hawaii, Department of Civil Defense

920 Ululani St.  
Hilo, HI 96720

Talmadge Magno  
Civil Defense Director  
(808) 935-0031

[talmadge.magno@hawaiicounty.gov](mailto:talmadge.magno@hawaiicounty.gov)

#### City and County of Honolulu

650 South King Street  
Honolulu, HI 9813

Tony Velasco  
Division Chief  
(808) 768-7888

[tvelasco@honolulu.gov](mailto:tvelasco@honolulu.gov)

#### Guam Police Department

#13-16A Mariner Avenue  
Tiyan, Guam 96913

Leigh Pereda  
Special Projects Coordinator  
(671) 475-8512

[leigh.pereda@gpd.guam.gov](mailto:leigh.pereda@gpd.guam.gov)

### **LMR / P25 Implementation & Support**

#### Maui Police Department

55 Mahalani Parkway  
Wailuku, HI 96793

Walter Pacheco  
Communications Coordinator  
(808) 270-6529

[wpacheco@mpd.net](mailto:wpacheco@mpd.net)

#### County of Hawaii, Department of Civil Defense

920 Ululani St.  
Hilo, HI 96720

Talmadge Magno  
Civil Defense Director  
(808) 935-0031

[talmadge.magno@hawaiicounty.gov](mailto:talmadge.magno@hawaiicounty.gov)

County of Kauai, Department of Emergency Management

3990 Kaana St # 100  
Lihue, HI 96766

David Miyasaki  
Telecommunications Officer  
(808) 241-1847  
[dmiyasaki@kauai.gov](mailto:dmiyasaki@kauai.gov)

**Microwave System Design and Implementation**

County of Hawaii, Department of Civil Defense

920 Ululani St.  
Hilo, HI 96720

Talmadge Magno  
Civil Defense Director  
(808) 935-0031  
[talmadge.magno@hawaiicounty.gov](mailto:talmadge.magno@hawaiicounty.gov)

AT&T Government Solutions

3375 Koapaka St d120  
Honolulu, HI 96819

Darrell Rawlins  
(808) 659-1465  
[dr7491@att.com](mailto:dr7491@att.com)

Maui Police Department

55 Mahalani Parkway  
Wailuku, HI 96793

Walter Pacheco  
Communications Coordinator  
(808) 270-6529  
[wpacheco@mpd.net](mailto:wpacheco@mpd.net)

**Structural Design & Analysis**

County of Hawaii, Department of Civil Defense

920 Ululani St.  
Hilo, HI 96720

Talmadge Magno  
Civil Defense Director  
(808) 935-0031  
[talmadge.magno@hawaiicounty.gov](mailto:talmadge.magno@hawaiicounty.gov)

Maui Police Department

55 Mahalani Parkway  
Wailuku, HI 96793

Walter Pacheco  
Communications Coordinator  
(808) 270-6529  
[wpacheco@mpd.net](mailto:wpacheco@mpd.net)

Docomo Pacific

219 South Marine Drive, Suite 206  
Tamuning, GU 96913

Hiroyuki Hosono  
Vice President  
(671) 689-5688  
[hhosono@docomopacific.com](mailto:hhosono@docomopacific.com)

Hawaiian Electric Company

820 Ward Avenue  
Honolulu, HI 96814

Ryan Liddle  
Director of Telecommunications  
(808) 543-4908  
[ryan.liddle@hawaiianelectric.com](mailto:ryan.liddle@hawaiianelectric.com)

**Network Design, Consulting, and Implementation (IP and MPLS)**

County of Hawaii, Department of Information Technology

25 Aupuni St  
Hilo, HI 96720

Corey Stone  
808-323-4355  
[corey.stone@hawaiiicounty.gov](mailto:corey.stone@hawaiiicounty.gov)

Hawaiian Electric Company

820 Ward Avenue  
Honolulu, HI 96814

Ryan Liddle  
Director of Telecommunications  
(808) 543-4908  
[ryan.liddle@hawaiianelectric.com](mailto:ryan.liddle@hawaiianelectric.com)

AT&T Government Solutions

3375 Koapaka St d120  
Honolulu, HI 96819

Darrell Rawlins  
(808) 659-1465  
[dr7491@att.com](mailto:dr7491@att.com)

County of Maui, Department of Information Technology

200 S. High Street  
Wailuku, Maui, HI 96793

Ricky Villegas  
(808) 270-5585  
[ricardo.villegas@co.maui.hi.us](mailto:ricardo.villegas@co.maui.hi.us)

**Video Surveillance System Design, Implementation & Maintenance**

County of Hawaii Police Department

349 Kapiolani Street  
Hilo, HI, 96720

Andrew Burian  
Assistant Chief  
(808) 961-2262  
[andrew.burian@hawaiicounty.gov](mailto:andrew.burian@hawaiicounty.gov)

**RF Consulting and System Design**

Guam Police Department

#13-16A Mariner Avenue  
Tiyan, Guam 96913

Leigh Pereda  
Special Projects Coordinator  
(671) 475-8512

Maui Police Department

55 Mahalani Parkway  
Wailuku, HI 96793

Walter Pacheco  
Communications Coordinator  
(808) 270-6529  
[wpacheco@mpd.net](mailto:wpacheco@mpd.net)

Hawaiian Electric Company

820 Ward Avenue  
Honolulu, HI 96814

Ryan Liddle  
Director of Telecommunications  
(808) 543-4908

[ryan.liddle@hawaiianelectric.com](mailto:ryan.liddle@hawaiianelectric.com)

Honolulu Rail Transit Project Team – Nokia

Mark Kirschner  
Senior General Project Manager  
(412) 759-2452

[mark.kirschner@nokia.com](mailto:mark.kirschner@nokia.com)

**Distributed Antenna Systems**

Maui Police Department

55 Mahalani Parkway  
Wailuku, HI 96793

Walter Pacheco  
Communications Coordinator  
(808) 270-6529

[wpacheco@mpd.net](mailto:wpacheco@mpd.net)

## 6. Company History

Banyan Networks began operations in Hawaii in 2002 and has undergone impressive growth in the years our entry into the Hawaii market. We began with 1 employee in Hawaii and have expanded to 45 with offices on all four major islands. The acquisition of Pacific Wireless Communications in 2022 significantly increased our presence in the Hawaii market, adding additional resources, locations and skill sets being offered to our clients.

Banyan Networks is a technology services company comprised of 45 employees serving critical industries and users throughout the State of Hawaii and Western Pacific. Our expertise is focused on the design, implementation and maintenance of communications networks, focused on the Public Safety and Critical Infrastructure industries. We work closely with municipalities, the State of Hawaii and key enterprise customers to deploy high quality networks that support mission critical systems. Our consulting, engineering, installation, and maintenance programs are designed to give you cost competitive services, while offering leading edge technology and expertise.

Core Services	Core Disciplines
<ul style="list-style-type: none"> <li>• Consult</li> <li>• Design</li> <li>• Project Management</li> <li>• Install</li> <li>• Support</li> <li>• Maintain</li> </ul>	<ul style="list-style-type: none"> <li>• Microwave Networks</li> <li>• Mobile / Fixed Wireless</li> <li>• Network Integration</li> <li>• Land Mobile Radio</li> <li>• Distributed Antenna Systems</li> <li>• Video Surveillance</li> <li>• Maintenance &amp; Support</li> </ul>

## 7. Certifications and Hawaii Licenses

Banyan Networks employees hold professional certifications from the following manufacturers. This is not a complete list, but a good representation of the certifications we hold.

**Microwave Systems**

- Nokia
- Aviat
- Bridgewave
- Cambium
- 4RF

**IP, MPLS and Optical Networks**

- Cisco
- Nokia
- Juniper
- Fujitsu

**Computer Systems**

- Microsoft
- Linux & Unix

**Land Mobile Radio**

- Motorola

**Millimeterwave Technology**

- Bridgewave
- Siklu
- LightPointe

**Wireless & Wi-Fi**

- Cisco
- HP
- Ruckus
- Meraki
- RadWin

**Video Technologies**

- Axis Communications
- Mobotix

**State of Hawaii Contractor's Licenses # CT-37390, CT-24562, CT-37174**

- C-15b (Telecommunications)
- C-68TN (Communications Tower)
- Licensed Professional Engineer (PE-10986)

**8. Conflicts of Interest**

Banyan Networks has no conflict of interest with the County of Hawaii Civil Defense Agency.

**9. Past Record of Performance**

Banyan Networks consistently performs firm, fixed price contracts delivered on time and without change orders. Banyan Networks carefully assesses customer needs prior to providing detailed proposals in order to get the scope of work correct the first time. Often, Banyan Networks' projects are long-term engagement, often spanning many years. Banyan Networks has never defaulted on a contract.

Banyan Networks has many artifacts of completed projects that are available on request. Because so many of our customers are public safety related entities, we must keep network related documentation very closely held.

## **10. Quality Assurance**

Banyan Networks has a Quality Assurance policy to ensure that Banyan Networks provides services, software and equipment that conform to the contract requirements and applicable regulatory requirements, codes, standards, and specifications of internal and external customers. When End User procurement documents specify that the Banyan Networks' Quality Assurance (QA) Program is to be applied to the work, the applicable sections and requirements of the Banyan Networks QA manual will be identified by the Banyan Networks Project Manager or supervisor in a Project Plan that will be implemented for the work.

When the End User imposes no specific quality requirements, Banyan Networks will perform its work in accordance with appropriate industry and professional standards for such work. The Banyan Networks QA manual, or portions thereof, may be used in performing this type of work. The extent of use of the Banyan Networks QA manual will be determined and documented, by the Banyan Networks Project Manager or supervisor.

All work will receive sufficient review to assure that products and services conform to required standards in essential attributes. Conformance failures will be evaluated to determine root causes. As lessons are learned which will enable improved future performance, such lessons will be communicated throughout the Banyan Networks to enable systematic and continuous improvement.

Any Banyan Networks employee who believes that project or task performance fails to meet specified quality requirements shall notify the Banyan Networks Project Manager and Banyan Networks QA Representative who will immediately investigate and take appropriate corrective action. Similarly, each Banyan Networks employee is encouraged to evaluate the methods and approaches applied to products or services to identify and communicate potential improvements for management consideration.

Banyan Networks ensures that all our work will be performed in accordance with sound engineering practice and professional standards. Additionally, to help minimize any future problems with the network, Banyan Networks offers a monitoring and maintenance service, a 24x7 process is put in place to monitor each device.

## **11. Commitment to Safety**

Telecommunications projects can often be challenging from a safety perspective. Banyan Networks takes safety extremely seriously. Some highlights of our plan are:

- Banyan Networks has a published Corporate Safety Plan and develop customized Job Hazard Analysis (JHA) plans when appropriate.
- OSHA Certified Environmental Health / Safety & Quality Manager
- OSHA 300 Logs show Banyan Networks has had no safety incidents of any kind in over 5 years.
- JHA process in place
- Adherence to HJV / City & County of Honolulu ESH requirements of Honolulu Rail Transit Project

## APPENDIX

### Resumes

**Brian Peres**  
**Vice President of Engineering**

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**SUMMARY**

Senior Network Engineer with specialization in IP and MPLS. Established background in L2/L3/MPLS Design, Optimization, Testing and Troubleshooting.

**RESPONSIBILITIES**

- Driving Project Completion
- Review and respond to customer requirements
- Designing and optimizing IP, MPLS, Wi-Fi, and MESH wireless networks
- Troubleshooting and analysis for wired and wireless network solutions
- Managing installation and testing crews
- Commissioning, provisioning and configuring equipment
- Monitor and manage customer networks
- Customer consulting
- Customer Training

**PROJECT EXPERIENCE**

***County of Maui PD, HI (Alcatel Lucent Multiple Island Shared MPLS Backhaul)***

- Audit and re-design of original MPLS system using 7705 SAR, 7750 SR, 5620 SAM servers
- Design and deployment of network expansions
- Testing and troubleshooting end to end network
- Commissioning, provisioning and configuring equipment
- Consulting for firewalls, wireless, network security, and other network related items

***County of Maui IT, HI (Alcatel Lucent Enterprise and Nokia Multiple Island Shared MPLS Backhaul)***

- Monitoring and management of the L2 and L3 network
- Design and deployment of network expansions
- Testing and troubleshooting end to end network
- Commissioning, provisioning, and configuring equipment
- Providing training to local individuals
- Consulting for firewalls, wireless, network security, and other network related items

**Brian Peres**  
**Vice President of Engineering (continued)**

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**Vice President of Engineering *County of Hawaii, HI (Cisco and Nokia MPLS Backhaul Network)***

- Audit and configuration of MPLS 7705 SAR, 7750 SR, 7210 SAS, and 5620 SAM servers
- Audit of Cisco L2 and L3 network
- Consulting for firewalls, network security, and other network related items
- Providing training to local individuals

***Fort Worth Regional Radio System (FWRRS) (Nokia MPLS Backhaul Network)***

- Design and deployment of the MPLS backhaul
- Testing and troubleshooting end to end network
- Commissioning, provisioning, and configuring equipment
- Monitoring and management of the MPLS/Microwave backhaul

***City of Austin, TX (Juniper MPLS Backhaul Network)***

- Design and Optimization of Juniper MX5 MPLS routers
- Commissioning, provisioning and configuring equipment

***Bureau of Reclamation, WY (Alcatel Lucent Microwave Backhaul Network)***

- Completed configuration of 6220 switches
- Testing and troubleshooting end to end network
- Provided training to local support staff and customer

***Harper College, Palatine, IL (Motorola WLAN)***

- IP design and deployment using AP7131s and AP7181s
- Testing and troubleshooting end to end network
- Configuration and deployment of RF6000 and ADSP management systems

***Other Relevant Projects***

- Wi-Fi RF Analysis
  - United Center, Chicago, IL
  - Olivet Nazarene University, Bourbonnais, IL
- Network Management\Support
  - Maui County MPLS Backhaul Network
  - Ft. Worth city-wide MESH
  - Lewis University Wi-Fi
- LTE Network Backhaul Design

**EDUCATIONAL BACKGROUND**

**Bachelor of Science**, Iowa State University, Ames, IA (2001), Major: Computer Engineering

**Dan Kodama**  
**Senior Systems Engineer**

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**SUMMARY**

Electrical Engineer with specialization in wireless networks. Established background in RF Design, Propagation Analysis, Network Optimization, Testing and Troubleshooting.

**RESPONSIBILITIES**

- Designing, Implementing and Optimizing Licensed and Unlicensed PTP, PMP, and Mesh Wireless Networks
- Interference Analysis for Wireless Networks
- Generating Coverage Plots, Frequency Planning, Propagation Analysis and Path Profile Analysis using EDX and Mentum Planet
- RF Site Survey and Analysis
- Implementation, Testing, Commissioning, Provisioning and Configuring of devices on Wireless Networks

**PROJECTS**

**Board of Water Supply, Honolulu, HI**

- Completed a system audit of the existing wireless network to support the video surveillance system.
  - Cambium RF network performance analysis
  - Firetide RF network performance analysis
  - Dragonwave RF network performance analysis
- Completed a lifecycle assessment report with recommended network improvement options and upgrades
- Completed a feasibility assessment for future applications

**Hawaiian Electric Company, Honolulu, HI**

- Implemented, managed and optimized a 900 MHz SCADA wireless network for the Island of Oahu
- Implemented a pilot Silver Springs Network wireless mesh smart grid network
- Assisted with implementation, upgrade and testing of a VHF LMR system on Oahu
- Provided coverage analysis of an existing VHF Low Band LMR system and provided a high-level network design for a VHF High Band replacement LMR system.

**Dan Kodama**  
**Senior Systems Engineer (continued)**

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- Implemented Eagle Eye Power Solutions and B-Tech battery monitoring systems for all distribution and transmission substations and telecommunications base stations on the Island of Oahu. Assisted with the installation and configuration of Cisco ruggedized IE-2000 switches at each site location.

***Mobi PCS, Honolulu, HI***

- Designed, implemented, operated and optimized a Greenfield IS-2000 1XRTT/EVDO CDMA RF network for the Islands of Oahu, Maui, Molokai, Hawaii and Kauai. The 165 site Mobi PCS network supported over 60,000 subscribers with dropped call rates below 1% and access failure rate less than 0.5% GOS.

**EDUCATIONAL BACKGROUND**

**Bachelor of Science**, University of Hawaii at Manoa (1991), Major: Electrical Engineering

**LICENSE**

- State of Hawaii C-15b RME – CT-37174

**Larry Dietrick**  
**Principal, President & Senior Consultant**

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**SUMMARY**

Over 25 years of experience in the wireless telecommunications industry. Responsible for strategic direction and management of Banyan Networks' broadband wireless business. A seasoned entrepreneur, with proven leadership capabilities and an adeptness at identifying business opportunities and developing them into successful operations with minimal resources. Extensive consulting and operational experience in the engineering and telecommunications industry.

Over 20 years' experience in the Hawaii market working on various public safety communications projects including LMR consulting for Hawaii County and City and County of Honolulu, LMR and microwave network engineering and wireless system deployments for county-wide projects in Maui County and Hawaii County.

**RESPONSIBILITIES**

Responsible for the strategic leadership of Banyan Networks with a focus on expanding Banyan Networks' consulting offering to public safety clients nationwide.

**PROJECTS**

***County Microwave System (Hilo, HI) - 2002-2008***

**Project Manager**

County-wide complete microwave system redesign and build out. 20 sites including greenfield site development as well as, site redevelopment, improvements, engineering, construction and system design and implementation. \$14M project.

***Public Safety Radio System Upgrade (Hilo, HI) - 2015 – 2022***

**Project Manager/Consultant**

Leading the County through their Public Safety Radio System upgrade (\$30m capital project), Senior Consultant. Banyan Networks' scope is \$1.6M and involves the following departments: Police, Fire, Civil Defense, Water, Public Works and Parks and Recreation.

**Larry Dietrick**  
**Principal, President & Senior Consultant (continued)**

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***Public Safety Radio System Upgrade***

***Consulting (Honolulu, HI)***

Providing senior leadership and assistance to John Clay for the City & County's Public Safety Upgrade project. Banyan Networks' scope is \$1.6M. Overall project scope is \$13M and involves Police, Fire, Department of Information Technology and Emergency Management Services.

***Electronic Communication System Master Plan (Honolulu, HI) 2015***

**Senior Consultant**

Development of a communications master plan for Aloha Stadium. Providing guidance and experience internally and externally with the customer. \$100k project.

**EDUCATIONAL BACKGROUND**

BS, Civil Engineering, MBA

**LICENSES**

- State of Hawaii Licensed Professional Engineer – License #10986
- State of Hawaii C68-TN RME – CT-24562

**Brian McCloskey**  
**Network Engineer**

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**RELEVANT WORK EXPERIENCE****Banyan Networks**

Jan 2018 – Present

Network Engineer

**Responsibilities**

- Monitor and troubleshoot network issues and assist with NOC related duties
- Configure, install and maintain routers, related software and hardware for customers
- Nokia MPLS network configurations and installations
- Wireless Access Point installation
- Tower Inspections utilizing a drone and report writing
- Site Survey Reports

**Nokia ION Projects**

- Honolulu Rail Transit Project
  - MPLS implementation & testing
    - Configuration loads
    - Test and turn up
    - Troubleshooting faulty hardware
  - Nokia 7750 and 7210
  - Worked on multiple subsystems including:
    - Video Surveillance
    - Access Control
    - Passenger Information System
  - Outdoor cabinet refurbishing
- Hawaiian Electric Company
  - Implementation of Nokia 7705 SAR-8, SAR-H, SAR-Hc routers
  - Assist with the implementation of the Nokia NSP
- County of Hawaii
  - Implementation of Nokia 7705 SAR-8 routers
    - Configuration loads
    - Test and turn up
    - Troubleshooting faulty hardware

**Brian McCloskey**  
**Network Engineer (continued)**

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- Maui Police Department
  - Assist with Nokia 7705 SAR-8 upgrades from V1 chassis to V2 chassis
    - Configuration loads
    - Test and turn up
- County of Maui

- Network monitoring of Nokia MPLS and Alcatel-Lucent Omniswitch environments
  - Utilized Nokia 5620 SAM for network monitoring and troubleshooting
  - Utilized SolarWinds for network monitoring and troubleshooting

### **Other Projects**

- County of Hawaii
  - Network Assessment for preparation of network bandwidth upgrade
    - Nokia routers
    - Cisco routers
- American Savings Bank
  - New Campus Cisco Wireless Implementation
    - Configured the Cisco wireless controllers
    - Installed and configured the wireless access points
- Maui Police Department
  - Tower Inspections
    - Conducted 5 tower inspections utilizing drone technology
    - Produced deliverable reports for the customer

### **CERTIFICATIONS**

- Nokia NRS-1
- CompTIA A+
- FAA Remote Pilot sUAS
- ETA – Certified Electronics Technician

**Brian McCloskey**  
**Network Engineer (continued)**

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**EDUCATION**

**Kapiolani Community College, Honolulu, HI**

- AS, Information Technology, May 2018
  - Focus on networking and security
  - C# programming
  - SQL database administration

**University of Hawaii at Manoa, Honolulu, HI**

- Bachelor of Arts English, May 2012

**SKILLS AND KNOWLEDGE**

- Working knowledge of security and networking protocols.
- Comfortable with Linux and Windows operating systems.
- Familiar with Tableau data analytics software
- Familiar with Python
- Build, repair, and maintain laptop and desktop computers.
- CPR, First-Aid, and Basic Life Saving skills training.
- Bilingual English and Spanish.

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

**QUESTIONNAIRE FOR ARCHITECTS, ENGINEERS AND OTHER PROFESSIONAL SERVICES**

QUESTIONNAIRE FOR: (LIST DISCIPLINE)	OTHER QUESTIONNAIRES SUBMITTED: (LIST DISCIPLINES)			DATE
FIRM NAME	ESTABLISHED YEAR      STATE		TYPE OF ORGANIZATION (Underline)  INDIVIDUAL      PARTNERSHIP      CORPORATION      JOINT VENTURE      OTHER	
BUSINESS ADDRESS, TELEPHONE & FAX NO. OF HAWAII OFFICE	AGE OF FIRM	FEDERAL ID NO.	YEARS ESTABLISHED IN HAWAII	
PRINCIPALS OF FIRM: (NAMES)				
PRESENT BRANCH OFFICE(S): (ADDRESS, TELEPHONE & FAX NO.)				
PERSON IN CHARGE: (NAMES)				

**NUMBER OF PERSONNEL IN YOUR PRESENT ORGANIZATION**

LOCATED AT	OTHER PERSONNEL										TOTAL				
	PRINCIPALS & KEY PERSONNEL		OTHER PERSONNEL							TOTAL					
	Architect	Engineer	Others	Architect	Engineers			Draftsmen	Spec. Writer	Estimator		Inspector	Surveyor	Balance	
				Mech.	Electri	Civil	Others								
HOME OFFICE															
BRANCH IN															
TOTAL															
TECHNICAL PERSONNEL:	NUMBER OF PERSONNEL WITH HAWAII LICENSES										NUMBER OF PERSONNEL WITHOUT HAWAII LICENSES				

PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM				
NAME	RESIDENT OF	RESIDENT		
TITLE				
YEARS OF EXPERIENCE	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL	OTHER THAN PRINCIPAL
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)				
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				
REGISTRATION (TYPE, YEAR, STATE)				
NAME	RESIDENT OF	RESIDENT OF		
TITLE				
YEARS OF EXPERIENCE	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL	OTHER THAN PRINCIPAL
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)				
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				
REGISTRATION (TYPE, YEAR, STATE)				

**PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM**

<b>NAME</b> Dan Kodama	<b>STATUS (Underline)</b> <u>Full-Time</u> Part-Time	<b>NAME</b> Brian McCloskey	<b>STATUS (Underline)</b> <u>Full-Time</u> Part-Time
<b>TITLE OR POSITION</b> Systems Engineer	<b>YEARS OF EXPERIENCE</b> 20+	<b>TITLE OR POSITION</b> Senior Network Engineer	<b>YEARS OF EXPERIENCE</b> 4
<b>WITH THIS FIRM</b> WITH LAST FIRM (NAME & NO. OF YEARS) HECO - 3 years	<b>WITH OTHER FIRMS</b> Mobi PCS - 9 years	<b>WITH THIS FIRM</b> WITH LAST FIRM (NAME & NO. OF YEARS) 4	<b>WITH OTHER FIRMS</b> WITH OTHER FIRMS
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> University of Hawaii, Bachelors Electrical Engineering, 1991		<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> KapiolaniCommunity College, Assoc Info Technology, 2017; University of Hawaii, BA English, 2012	
<b>REGISTRATION (TYPE, YEAR, STATE)</b> CT 37174, 9/30/2022, Hawaii		<b>REGISTRATION (TYPE, YEAR, STATE)</b>	
<b>NAME</b> David Schwartz	<b>STATUS (Underline)</b> <u>Full-Time</u> Part-Time	<b>NAME</b>	<b>STATUS (Underline)</b> <u>Full-Time</u> Part-Time
<b>TITLE OR POSITION</b> Field Technician	<b>YEARS OF EXPERIENCE</b> 7		
<b>WITH THIS FIRM</b> WITH LAST FIRM (NAME & NO. OF YEARS) 7	<b>WITH OTHER FIRMS</b>	<b>WITH THIS FIRM</b> WITH LAST FIRM (NAME & NO. OF YEARS)	<b>WITH OTHER FIRMS</b> WITH OTHER FIRMS
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> University of Hawaii, Assoc Elect/Computer Tech, 2015		<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b>	
<b>REGISTRATION (TYPE, YEAR, STATE)</b>		<b>REGISTRATION (TYPE, YEAR, STATE)</b>	
<b>NAME</b> Keone Williams	<b>STATUS (Underline)</b> <u>Full-Time</u> Part-Time	<b>NAME</b>	<b>STATUS (Underline)</b> <u>Full-Time</u> Part-Time
<b>TITLE OR POSITION</b> Field Technician	<b>YEARS OF EXPERIENCE</b> 8	<b>TITLE OR POSITION</b>	<b>YEARS OF EXPERIENCE</b>
<b>WITH THIS FIRM</b> WITH LAST FIRM (NAME & NO. OF YEARS) 8	<b>WITH OTHER FIRMS</b>	<b>WITH THIS FIRM</b> WITH LAST FIRM (NAME & NO. OF YEARS)	<b>WITH OTHER FIRMS</b> WITH OTHER FIRMS
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> Oregon State Univ, Assoc of Science, GenEd, 1980 Unites States Navy, Certificate of Engineering 1995		<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b>	
<b>REGISTRATION (TYPE, YEAR, STATE)</b>		<b>REGISTRATION (TYPE, YEAR, STATE)</b>	

OUTSIDE ASSOCIATES AND CONSULTANTS USUALLY EMPLOYED

DISCIPLINE	NAME OF FIRM OR INDIVIDUAL	DISCIPLINE	NAME OF FIRM OR INDIVIDUAL
NONE			

## ERRORS AND OMISSIONS INSURANCE

DOES YOUR FIRM HAVE ERRORS & OMISSION (E&O) INSURANCE? (Underline)		AMOUNT OF COVERAGE PER CLAIM	AMOUNT OF DEDUCTIBLE
<input checked="" type="radio"/> YES	NO	1,000,000 \$	\$ 1,000.00
	PROJECT INSURANCE		

Submit proof of insurance or insurability from your insurance carrier with this form.

**SUMMARY OF YOUR FIRM'S COMPLETED AND PRESENT PROJECTS DURING THE LAST TEN YEARS**

**AS A PRIME A/E CONSULTANT**

TOTAL NUMBER OF COMPLETED PROJECTS	
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS	\$
TOTAL NUMBER OF PRESENT PROJECTS	
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS	\$

**AS AN ASSOCIATE WITH OTHER A/E CONSULTANTS**

TOTAL NUMBER OF COMPLETED PROJECTS	
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)	\$
TOTAL NUMBER OF PRESENT PROJECTS	
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM IS RESPONSIBLE)	\$

**CLASS OF WORK AND PROJECT TYPE SPECIALIZATION**

TYPE OF PROJECT	TOTAL NO. OF COMPLETED PROJECTS	TOTAL ESTIMATED CONSTRUCTION COST	TOTAL ESTIMATED PROJECT SIZE (G.S.F.)

Categorize your firm's class for work during the last ten years by project type. Examples of project types include Educational, Commercial, Industrial, Residential, Health Care, Correctional and Judicial Facilities. Work may also be categorized as planning, civil sitework, renovation/alteration, architectural barrier removal, fire alarm system, etc.

**PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (BY TYPE)**  
 (LIST A MAXIMUM OF 10 PROJECTS FOR EACH DISCIPLINE/TYPE OF WORK BEING APPLIED FOR. LIST PROJECTS THAT REFLECT YOUR ABILITY TO PROVIDE QUALITY WORK FOR YOUR REQUESTED PROJECTS.)

YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.

**PRESENT/COMPLETED PROJECTS THAT YOUR FIRM IS/WAS ASSOCIATED WITH OTHERS (BY TYPE)**

(LIST A MAXIMUM OF 10 PROJECTS FOR EACH DISCIPLINE/TYPE OF WORK BEING APPLIED FOR. LIST PROJECTS THAT REFLECT YOUR ABILITY TO PROVIDE QUALITY WORK FOR YOUR REQUESTED PROJECTS.)

TYPE: Communication Site Design/ Tower Analysis and Design								
YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN (MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJECT	YOUR FIRM'S WORK			DESIGN	CONST.
2020	Hawaii County Emergency Call Center, Hilo, HI	County of Hawaii, Department of Public Works, 101 Pauahi Street, Suite 7, Hilo, HI 96720, ph: 808-327-0523	\$32,000,000	\$1,500,000	6	Anbe, Aruga & Ishizu, Architects, Inc. 1441 Kapiolani Blvd., Suite 206 Honolulu, Hawaii 96814	85	0
2014	Design and Analysis of Various Towers and Communication Sites, County of Maui, HI	Maui Police Department 55 Mahalani Parkway Wailuku, HI 96793 Phone: 808-270-6529	\$15,000,000	\$150,000	18	Motorola Solutions, Schaumburg, IL	100	100

**Explain firm's individual project assignment, project management structure, project execution (work flow and responsibilities) and quality control process.** In the event the spaces provided on this form are not sufficient for entries, or if you wish to furnish additional information, it may be inserted here or on separate sheets, with appropriate references.

[Empty space for project details]

As of this date \_\_\_\_\_ the foregoing is a true statement of facts.

NAME OF FIRM OR INDIVIDUAL SUBMITTING QUESTIONNAIRE

TYPE NAME AND TITLE OF PERSON SIGNING

SIGNATURE



NOTE: It is to a firm's advantage to maintain its experience record on a current basis. This may be accomplished by periodically forwarding current data to DAGS.

**PRINCIPALS ONLY - ADDITIONAL INFORMATION**

<b>NAME</b> Laurence Dietrick	<b>TITLE AND POSITION</b> President/CEO	<b>YEARS WITH FIRM</b> 21 Years
<b>MAJOR RESPONSIBILITIES WITH THIS FIRM</b> Strategic leadership for Banyan Networks with a focus on expanding consulting practice to public safety clients throughout the State.		

**PRIOR EMPLOYMENT**

(START WITH LATEST EMPLOYMENT PRIOR TO JOINING THIS FIRM AND PROVIDE SIMILAR INFORMATION FOR EACH SEPARATE EMPLOYMENT OR MAJOR CHANGES IN DUTIES WITH THE SAME EMPLOYER.)

<b>FIRM:</b>	<b>DATE</b> FROM: 1996 TO: 2020	<b>FIRM:</b>	<b>DATE</b> FROM: 1994 TO: 1996
<b>ADDRESS:</b> Scientel Solutions, 2021 N Eola Rd., Aurora, IL 60502	<b>ADDRESS:</b> Haliburton NUS, 1430 Branding Lane, Downers Grove, IL 60515	<b>JOB TITLE:</b> CEO, Senior Consultant	<b>JOB TITLE:</b> General Manager
<b>SUPERVISOR'S NAME AND TITLE:</b>	<b>SUPERVISOR'S NAME AND TITLE:</b> Darrell Eisenhower, Division President	<b>MAJOR DUTIES:</b> Strategic leadership and expanding consulting offering for public safety.	<b>MAJOR DUTIES:</b> Responsible for Chicago office operations

<b>FIRM:</b>	<b>DATE</b> FROM: 1986 TO: 1994	<b>FIRM:</b>	<b>DATE</b> FROM: 1981 TO: 1986
<b>ADDRESS:</b> Brand Industrial Services, Park Ridge, IL	<b>ADDRESS:</b> Sargent & Lundy Engineers, 55 E. Monroe St., Chicago IL	<b>JOB TITLE:</b> Structural Engineer/Project Manager	<b>JOB TITLE:</b> Structural Engineer I- IV
<b>SUPERVISOR'S NAME AND TITLE:</b> Frank Montana, Division Vice President	<b>SUPERVISOR'S NAME AND TITLE:</b> Sibte Kazmi, Structural Division Manager	<b>MAJOR DUTIES:</b> Design of structural components for nuclear power plants and DOE nuclear facilities.	<b>MAJOR DUTIES:</b> Design of structural systems for nuclear power plants.

License Number  
PE-10986

Expiration date  
4/30/2026



CLASSES (ACTIVE): SE Structural

STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS

PROFESSIONAL ENGINEER

CLASS(ES): SE STRUCTURAL

LAURENCE J DIETRICK  
1033 E TALBOT ST IL  
ARLINGTON HEIGHTS, IL 60004





A handwritten signature in black ink, appearing to read "Laurence J. Dietrick", written over a horizontal line.

SIGNATURE OF LICENSEE

PACIFIC NETWORK GROUP LLC  
1150 N NIMITZ HWY UNIT 6  
HONOLULU, HI 96817




**CONTRACTOR - ENTITY**

**NOTICE** THIS POCKET ID CARD IDENTIFIES YOU TO THE PUBLIC AS BEING CURRENTLY LICENSED AND SHOULD BE KEPT IN YOUR POSSESSION AT ALL TIMES.

License Number C-37390	Expiration date 9/30/2024		CLASSES (ACTIVE): C-15b C-68tn
<small>STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS</small>			
<b>CONTRACTOR</b>			
PACIFIC NETWORK GROUP LLC DBA PACIFIC NETWORK GROUP - BANYAN NETWORKS 1150 N NIMITZ HWY UNIT 6 HONOLULU, HI 96817			
 SIGNATURE OF LICENSEE			

LAURENCE J DIETRICK  
C/O PACIFIC NETWORK GROUP LLC  
1150 N NIMITZ HWY UNIT 6  
HONOLULU, HI 96817

CONTRACTOR - RESPONSIBLE MANAGING EMPLOYEE  
**NOTICE** THIS POCKET ID CARD IDENTIFIES YOU TO THE PUBLIC AS BEING CURRENTLY  
LICENSED AND SHOULD BE KEPT IN YOUR POSSESSION AT ALL TIMES.

License Number C-24562	Expiration date 9/30/2024		CLASSES (ACTIVE): C-68tn
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS CONTRACTOR			
LAURENCE J DIETRICK C/O PACIFIC NETWORK GROUP LLC 1150 N NIMITZ HWY UNIT 6 HONOLULU, HI 96817			
 SIGNATURE OF LICENSEE			

## General License

**License ID**

CT-37174

**License Type**

CONTRACTOR - RESPONSIBLE MANAGING EMPLOYEE

**Legal License Name**

DANIEL I KODAMA

**Status**

CURRENT, VALID & IN GOOD STANDING

**Entity Type**

INDIVIDUAL

**Active/Inactive**

ACTIVE

**Original License Date**

12/16/2019

**Expiration Date**

09/30/2024

**Restriction**

-

**Trade/Professional Name**

-

**Special Privilege**

-

**Conditions & Limitations**

-

**Class Prefix**

C

**Business Code**

-

**Educational Code**

-

**Business Address**

-

### Other Business/Person/DBA Names

 Records Per Page

 Columns to Show

Search:

**Name**

**Effective Date**

**Termination Date**

NO DATA AVAILABLE IN TABLE

Showing 0 to 0 of 0 entries

[Previous](#) [Next](#)

### Employees List

### Employees

Show  entries

Search:

Employee Name	Position	Position Status	License ID	License Status	Effective Date
NO DATA AVAILABLE IN TABLE					

Showing 0 to 0 of 0 entries Previous Next

**Employers List**

### Employers

Show  entries Search:

Employer Name	Position	License ID	License Status	Effective Date
PACIFIC NETWORK GROUP LLC	RESPONSIBLE MANAGING EMPLOYEE	<u>CT-37390</u>	CURRENT, VALID & IN GOOD STANDING	07/14/2020

Showing 1 to 1 of 1 entries Previous  Next

**Insurance/Bond**

### Insurance/Bond

Show  entries Search:

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
NO DATA AVAILABLE IN TABLE						

Showing 0 to 0 of 0 entries Previous Next

**License Class**

### License Classes

Show  entries Search:

Class Code	Class Type	Effective	Restricted	Status
C-15B	TELECOMMUNICATIONS CONTRACTOR	12/16/2019	NO	CURRENT, VALID & IN GOOD STANDING

Showing 1 to 1 of 1 entries Previous  Next