



Pacific Network Group, LLC
dba Banyan Networks

**STATEMENT OF QUALIFICATIONS
FOR PROFESSIONAL SERVICES
FY2023-2024
CIVIL DEFENSE
COUNTY OF HAWAI'I**

June 20, 2023

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



June 20, 2023

Mr. Talmadge Magno
Civil Defense Administrator
County of Hawai'i
920 Ululani Street
Hilo, Hawai'i 96720

Subject: **Statement of Qualifications – Professional Services FY2023-2024 for Professional Engineering for Radio and Microwave Communications**

To: Mr. Talmadge Magno, Civil Defense Administrator

Thank you for the opportunity to present Pacific Network Group, LLC dba Banyan Networks qualifications to the County of Hawai'i, Civil Defense. Banyan Networks kindly requests to be included on the Professional Services vendor list for FY2023-2024 for CD.5) Professional Engineering (System Design and Engineering) for Radio and Microwave Communication Projects.

Banyan Networks was formerly known as Scientel Solutions until March of 2020. The Hawaii operation separated from Scientel and is now a new entity, based in Hawaii. The key personnel were all retained and are working for Banyan Networks.

Additionally, in August of 2022, Banyan Networks acquired Pacific Wireless Technologies (PWC).

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

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 #23
Keaau, HI 96749
(808) 536-2058

188 Wiwoole St, Hilo
HI 96720
(808) 536-2058

Kauai Office

2976 Aukele St # B3
Lihue, HI 96766

2. Age of Company and Number of Employees

Age of Company (including as part of Scientel):	28
Years Doing Business in Hawaii:	19
Number of Hawaii Employees:	40

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 20 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 17 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 co-founding Scientel, Larry held numerous positions in the telecommunications and engineering industry, including 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 in 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 11 years at Scientel and the 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 Scientel 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 14 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

City and County of Honolulu

650 South King Street
Honolulu, HI 9813

Tony Velasco
Division Chief
(808) 768-7888

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

LMR / P25 Implementation & Support

Maui Police Department

55 Mahalani Parkway
Wailuku, HI 96793

Walter Pacheco
Communications Coordinator
(808) 270-6529

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

County of Kauai, Department of Emergency Management

3990 Kaana St # 100
Lihue, HI 96766

David Miyasaki
Telecommunications Officer
(808) 241-1847
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

AT&T Government Solutions

3375 Koapaka St d120
Honolulu, HI 96819

Darrell Rawlins
(808) 659-1465
dr7491@att.com

Maui Police Department

55 Mahalani Parkway
Wailuku, HI 96793

Walter Pacheco
Communications Coordinator
(808) 270-6529
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

Maui Police Department

55 Mahalani Parkway
Wailuku, HI 96793

Walter Pacheco
Communications Coordinator
(808) 270-6529
wpacheco@mpd.net

Docomo Pacific

219 South Marine Drive, Suite 206
Tamuning, GU 96913

Hiroyuki Hosono
Vice President
(671) 689-5688
hhosono@docomopacific.com

Hawaiian Electric Company

820 Ward Avenue
Honolulu, HI 96814

Ryan Liddle
Director of Telecommunications
(808) 543-4908
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

Hawaiian Electric Company

820 Ward Avenue
Honolulu, HI 96814

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

AT&T Government Solutions

3375 Koapaka St d120
Honolulu, HI 96819

Darrell Rawlins
(808) 659-1465
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

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

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

Hawaiian Electric Company

820 Ward Avenue
Honolulu, HI 96814

Ryan Liddle
Director of Telecommunications
(808) 543-4908

ryan.liddle@hawaiianelectric.com

Honolulu Rail Transit Project Team – Nokia

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

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

6. Company History

Scientel was founded in 1992 and was in its current form since 2002 until March 2020 when the Hawaii portion of Scientel separated and became Banyan Networks. Banyan Networks has undergone impressive growth in the years since 2003 and our entry into the Hawaii market. We began with 1 employee in Hawaii and have expanded to 15 with offices on 3 islands.

Banyan Networks is a technology services company comprised of ~45 employees serving critical industries. Our expertise is the design and building of communications networks, focused on the Public Safety and Critical Infrastructure industries. We work closely with municipalities, the state 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"> • Consult • Design • Project Manage • Install • Support • Maintain 	<ul style="list-style-type: none"> • Microwave Networks • Mobile / Fixed Wireless • Network Integration • Land Mobile Radio • Distributed Antenna Systems • Video Surveillance • Maintenance & Support

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
- Harris

Millimeterwave Technology

- Bridgewave
- Siklu
- LightPointe

Wireless & Wi-Fi

- Cisco
- HP
- Ruckus
- Meraki
- RadWin

Video Technologies

- Axis Communications
- Mobotix

State of Hawaii Contractor's Licenses # C-37390, CT-24562, CT-27174

- C-15b (Telecommunications)
- C-15 (Electronic Systems)
- C-68TN (Communications Tower)
- Licensed Professional Engineer (Structural)

8. Conflicts of Interest

Banyan Networks has no conflict of interest with County of Hawai'i, Civil Defense.

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. Scientel has never defaulted on a contract.

10. Banyan Networks is interested in the Following Services

With regard to the specific items listed in the posted notice, we believe Banyan Networks is suitably qualified for the following services. Listed below each is a snapshot of a project representing the categories defined.

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.

- **Computer Science**
 - County of Maui
 - County of Hawaii
 - Hawaiian Electric Company

11. 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. In the event of any error, omission, or other professional negligence or any breach of the End User contract of which Banyan Networks is notified in writing within 90 days after system acceptance, the sole and exclusive responsibility of Banyan Networks shall be to re-perform deficient work at its own expense, and Banyan Networks shall have no other liability whatsoever.

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.

12. 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 Scientel / Banyan Networks has had no safety incidents of any kind in over 4 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

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)

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

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)

- 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 1XR/TT/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

SUMMARY

Over 24 years of experience in the wireless telecommunications industry. Responsible for strategic direction and management of Scientel's 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 twelve 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 Scientel with a focus on expanding Scientel's 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 – Ongoing

Project Manager/Consultant

Leading the County through their Public Safety Radio System upgrade (\$30m capital project), Senior Consultant. Scientel's 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)

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. Scientel's 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

RELEVANT WORK EXPERIENCE

Scientel Solutions

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)**

- 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)

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.

License Number
PE-10986

Expiration date
4/30/2024



CLASSES (ACTIVE):

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

Laurence J Dietrick
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>			
CONTRACTOR			
PACIFIC NETWORK GROUP LLC DBA PACIFIC NETWORK GROUP - BANYAN NETWORKS 1150 N NIMITZ HWY UNIT 6 HONOLULU, HI 96817			
 SIGNATURE OF LICENSEE			