



Pacific Network Group, LLC  
dba Banyan Networks

**STATEMENT OF QUALIFICATIONS  
FOR PROFESSIONAL SERVICES  
FY2023-2024  
DEPARTMENT OF INFORMATION TECHNOLOGY  
COUNTY OF HAWAI'I**

June 20, 2023

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



June 20, 2023

Mr. Robert Ewbank  
Director of Information Technology  
County of Hawai'i  
25 Aupuni Street  
Hilo, HI 96720

Subject: **Statement of Qualifications for Professional Services FY2023-2024**

To: Mr. Robert Ewbank, Director of Information Technology

Thank you for the opportunity to present Pacific Network Group, LLC dba Banyan Networks qualifications to the County of Hawai'i, Department of Information Technology. Banyan Networks kindly requests to be included on the Professional Services vendor list for FY2023- 2024 for DS.4) Computer Engineering (Network Analysis) and DS.6) Computer Engineering (Hardware Installation, Analysis & Maintenance).

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, appearing to read '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 #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

### **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@hawaiicounty.gov](mailto:corey.stone@hawaiicounty.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)

### **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)

**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)

### **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

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"> <li>• Consult</li> <li>• Design</li> <li>• Project Manage</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
- 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 the County of Hawai'i, Department of Information Technology,

**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. Scintel 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**

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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 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**

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**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)**

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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. 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**

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## 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)**

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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.