fifteenfortyseven
CRITICAL SYSTEMS REALTY

Kapolei, HI
AlohaNAP

WHY ALOHANAP?

AlohaNAP, located in Kapolei, Hawaii, is the leading multi-tenant, carrier-neutral data center complex in the Pacific region. This high-bandwidth "meet-me" point plays a vital role in trans-Pacific traffic, providing access to both the submarine cable network and the international satellite communications provider, Hawaii Pacific Teleport. As an AWS Direct Connect site, AlohaNAP provides high-speed, low-latency connections to AWS services, enabling seamless cloud integration and improved performance for your business.

AlohaNAP stands as Oahu's only purpose-built data center, offering unparalleled satellite and fiber connectivity, and serving as a secure hub for both global and local networks. Its strategic location, situated 160 feet above sea level and outside flood and tsunami zones, makes AlohaNAP the perfect location for a data center.

FACILITY SPECIFICATIONS

PROPERTY/DATA CENTER

- ⊘ 10,200 sq. ft. facility located in Kapolei, HI

- ⊘ Phase I expansion plans to include an additional data center building for a total of 22,800 sq. ft.

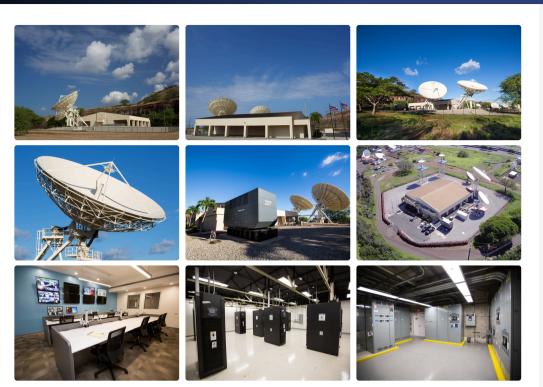- ⊘ Significant expansion plans include a multi-building data center campus

POWER

- ⊘ 1.5 MW of total building power, with 1.5 MW additional in development

- ⊘ 5 MW of planned data center power in phase I expansion

- ⊘ Critical loads in N+1 power design utilize advanced UPS and PDU technology, featuring redundant Liebert NX UPS systems.

- ⊘ Cabinet Distribution Units offer monitoring and control functions, enabling customers to manage power distribution and make real-time adjustments effectively.

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CONNECTIVITY

- ✓ Fiber connectivity from all the major carriers of Oahu, alongside direct access to multiple transoceanic fiber networks and over 40 communication satellites
- ✓ Carriers include Century Link, Hawaiian Telcom, Lumen, and Spectrum
- ✓ AWS Direct Connect location
- ✓ Diverse fiber paths with multiple points of entry (PoE) into the building
- ✓ Redundant network architecture
- ✓ Blended IP Solutions for low-bandwidth IP requirements

ALL 1547 LOCATIONS

Portland, OR
Milwaukee, WI
Orangeburg, NY
Chicago, IL
South Bend, IN
Matawan, NJ
Cheyenne, WY
Chester County, PA
Kapolei, HI
Honolulu, HI
Dallas, TX
McAllen, TX

SECURITY

- ✓ 24x7x365 on-site security
- ✓ Fenced facilities with intrusion alarms
- ✓ All incoming visitors must pass two gates, ID checks, and mantraps before entrance
- ✓ CCTV security cameras
- ✓ Pre-action fire detection and suppression systems use multi-zone double-interlock monitoring and clean agent fire suppression agents (FM-200)
- ✓ 15-minute emergency support response time
- ✓ Biometric, keycard, and pin code access

COOLING

- ✓ Cooling provided by SmartAisle™ from Emerson Network Power
- ✓ SmartAisle™ segregates hot and cold aisles for greater efficiency
- ✓ The design supports heat densities of 3.3kW per cabinet
- ✓ Real-time Liebert iCOM temperature/humidity monitoring systems

About fifteenfortyseven Critical Systems Realty ("1547")

fifteenfortyseven Critical Systems Realty ("1547") is a leading developer, operator, and owner of highly interconnected, custom-designed data centers with over 1.25 million square feet of data center space under management throughout North America and Europe. 1547 selects sites, designs facilities, and manages developments to optimize returns for all stakeholders across new and interconnected properties. With interconnection in the company's DNA, 1547's connectivity-focused portfolio of data centers includes carrier hotels and core connectivity hubs designed to deliver customized mission-critical solutions from concept to connection.