GU1 & GU2 DATA CENTERS

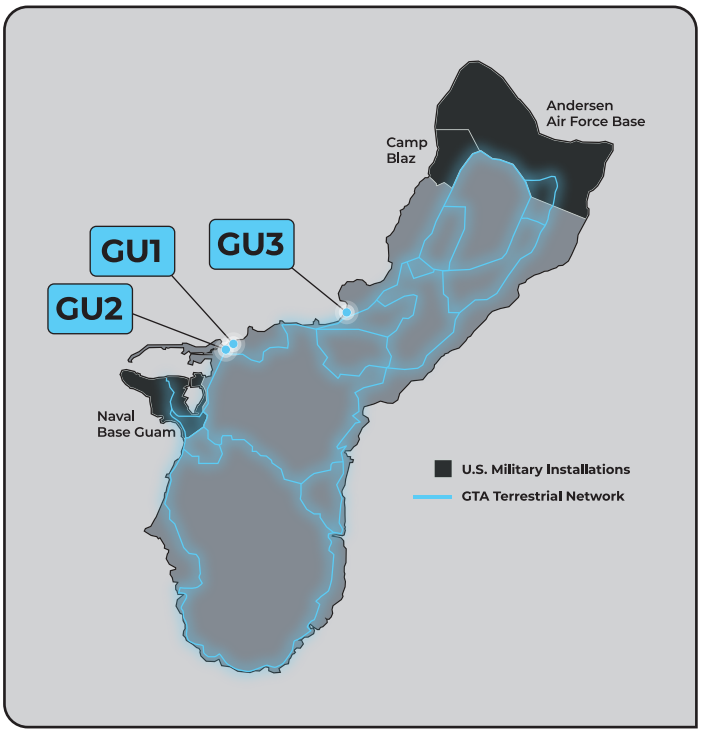
GU1 & GU2

Located in Piti, Guam, GTA's data centers are purpose-built data centers and cable landing stations, offering a power capacity of 2 MW across 11,800 square feet. They are strategically positioned to provide submarine cable access to global population centers through terrestrial fiber connections to each landing station in Guam. GTA's data centers offer the latest secure, scalable infrastructure for mission-critical IT systems and a wide range of connectivity solutions and colocation services. This advanced facility caters to the demands of local and international enterprises, government entities, and network service providers throughout the United States and the Asia-Pacific region. It has rapidly become a key network hub, hosting a varied ecosystem including enterprises, IT solutions, content and media, financial, and network services.

GTA Data Center Benefits

- Designed to Tier 3 data center compliance standards
- Manned 7x24x365 by NOC team for mission critical support and full-time on-site security
- Carrier-neutral 2MW facility
- Fully redundant power infrastructure design
- Meets or exceeds ratings for seismic and weather-related benchmarks
- Reinforced concrete structure engineered to withstand extreme geological and weather events:
- 22 feet from location high-water mark
- Land space 20,000+ SQFT
- Cable Landing Station for JGA North, JGA South, and SEA-US

GU1 & GU2 DATA CENTERS
Piti, Guam



GU1 & GU2 DATA CENTERS

Technical Overview

Building

Reinforced concrete structure engineered to withstand extreme geological and weather events

Seismic Zone 4 compliance (Guam is in Zone 3)

Facility able to withstand Category 5 Typhoon rated activity (190 mph)

Securely located 22 feet from location high-water mark to withstand tsunami and floods

Data Hall Features

Building floor space - 11,800 square feet

Data Hall Total – 7,000 Square feet (includes HVAC, AC/DC, IT Space)

IT Space - 3,500+ Square feet

Floor Structure – Vinyl composite tile on reinforced concrete slab

Ceiling Height – 14 feet at minimum

Power Specifications

2MW total power capacity above 120V 1P, 208V 1P or 3P, and 48DC power solutions available

Fully redundant power infrastructure design

- 2N UPS redundancy
- N+1 diesel backup generators
- N+1 cooling redundancy diesel generators

Fire Protection

Fire Suppression and Control

Dry-pipe fire sprinkler system with multiple interlocks

Security & Compliance

Designed to Tier 3 data center compliance standards

Meets or exceeds ratings for seismic and weather-related benchmarks

Manned 24/7/365 NOC Team for mission critical support

Mantraps and strictly enforced protocols for facility access controls

Inside and outside video surveillance

Connectivity

Carrier Neutral

Seamless campus connectivity linking GU1-3 to each other and to other data centers-scaled to your needs

Buried fiber and copper facility

Diverse underground and protected cable routes and pathways

Access to carriers, other data centers, subsea cables, and low latency connections to service providers

Data Center Services

Colocation - Cabinets, Secure Cage / Private Suites Customized secure cage and private suite solutions available

Remote Smart Hands - Highly trained and experienced technicians available 24x7

Interconnections

- Cross connections to all submarine cable operators and Guam-based Telcos
- IP Bandwidth
- IP Transit
- Wavelength and Ethernet backhaul from 2 Mbps to 100 Gbps
- IP Peering