






BlueTide EdgeServer 2



Maritime Internet and LAN Management System

BlueTide Edge Services

BlueTide Edge Server 2, Application, and Cloud systems provide a comprehensive system to manage Internet connectivity

-  Supports up to 7x WAN sources, 1x LAN interface
-  Simple and powerful user interface for remote management, real-time metering, and analytics
-  Manage existing VSAT, LTE, and Marina Wi-Fi using advanced bandwidth bonding
-  Compact, industrial fanless design
-  Rack or VESA mount

Industrial Design

- Small form factor
- (6"X5"x2")
- Hardened design, fanless, aluminum case
- 6x Ethernet ports, 4x USB ports

Edge Application

- Intuitive dashboard
- Manage service from anywhere
- One-click management, service updates

Advanced QoS

- Deep packet inspection, DNS Content Filter
- Rate, Quota, Priority management
- One-click client/group management

Security and performance

- Optimized LTE/SIM performance with K4 Mobility Management (ML/AI)
- Integrated stateful firewall
- DPI + CF to secure the Internet

Local Area Network Management

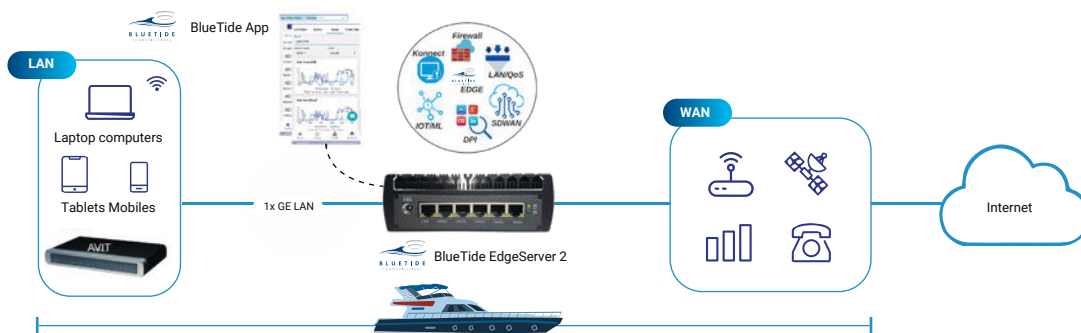
- Direct and routed LAN DHCP DNS
- LAN monitor, Remote Connect
- M-DNS with enterprise VPN
- App, Device, and Group QoS

Software Defined Wide Area Network

- Group/device/app priority
- Advanced channel bonding
- USA Internet
- Data priority

Operations

- HA software/systems
- K4 Edge Connect from anywhere
- Role-based access without SSO
- 3rd Party Service Hosting



Specifications

BlueTide Edge Service runs on small form-factor industrial grade server



BlueTide Edge Server 2 Front View



BlueTide Edge Server 2 Back View

WAN Ethernet	Up to 7x 1000 Mbps WAN Sources
LAN Interface	1x 1000 Mbps – LAN/Client
WAN Sources	5 native, +2 with expansion
LAN Ports	1
Client Capacity	200 Clients
Ethernet Interfaces	6x 100/1000 Mbps Ethernet Ports
Management Interfaces	4x USB3.0
Internet Throughput	500 Mbps
Power Input	12V/5A; 100-240 V, 50-60 Hz AC Adapter Included

Power Consumption	10W (Typical) – 20% loading
Cooling	Heat Spreader, Fanless - Silent
Mounting	Standalone / VESA rackmount
Dimensions	DxWxH (6.1"x5"x2.1")
Weight	2.25 lbs
Operating Temperature	10-45C
Operating Humidity	8 to 90%, non-condensing
Certifications	FCC, CE, RoHS
Warranty	1 year limited