RigNet

Snapshot - Government

RigNet's solutions provide reliable connectivity and security optimized for your critical remote assets

Trusted Preparedness for Government Operations

Government agencies and contractors face a variety of civil and military challenges. Reliable and secure connectivity in extremely remote locations around the world is necessary to support their efforts in challenging situations.

With the growing threat of cyber terrorism, personnel in the government sector must have reliable, tested options that meet their needs. Information security is critical and is driving government agencies to review secure connectivity and operational continuity capabilities. By leveraging RigNet's bundle of technology services, government agencies and other regulated industries can rapidly deploy and secure rugged communication networks worldwide to the most challenging remote locations.

RigNet has over forty years of delivering highly reliable managed communications networks using multiple technologies. We now offer broadband capabilities worldwide, secured by our unique hardware-generated based encryption and with the ability to do real-time machine learning at the edge of the network in a way that has not been available to government entities previously.

Only RigNet provides:

- Unique hardware-based military-grade next-generation encryption on all secure network infrastructure that is built to address cybersecurity requirements, while delivering artificial intelligence enabled threat detection.
- Diverse and extensive remote video intelligence system with proven flexibility to deliver cost-efficient, high-quality video streams, and analysis using ultralow bandwidth to mobile groups of government personnel at any time.
- Rugged portable units with durable components to ensure reliability against harsh environments and rough handling for government operations on or offshore.
- Advance, best-in-class deployment of satellite networks for responders to communicate first response activities immediately and efficiently during a disaster recovery situation.

RigNet's worldwide network communication services for remote sites has a backbone with 1,800 sites connected, 43 satellites and over 10,000 Industrial Internet of Things (IIoT) terminals, deployed across 52 countries

Rely Upon Unmatched Network And Data Security

RigNet offers industry-leading security across remote assets and networks, with RigNet's military-grade CyphreLink and CyphreCERT encryption technologies.

Our "Always-On" protection with "set and forget" administration delivers best-in-class encryption on all network types (satellite, public internet, private WAN, cloud, etc.).

CyphreLink

RigNet's CyphreLink™ is an innovative cybersecurity service that provides full data protection with virtually no impact on network latency or performance over satellite or terrestrial networks. The hardware-based encryption enables military-grade data security, with little to no overhead on the payload. CyphreLink prevents eavesdropping and potential data breaches.

Features and Functionalities

- Hardware-based encryption network isolated, military-grade ASIC with embedded random number generation, truly next-generation data protection

- Undetectable address, origin, and content to hackers reducing the likelihood of attracting attention
- Full compliance with business security, industry standards, and government regulations (FIPS 140-2 Certification)
- Data protection regardless of path, delivering extremely secure data protection regardless of transport medium, route, and technology
- Low latency, reduced overhead, improved speed, and lower overhead are especially important with satellite links
- Future-proof solution with no patches to make, no routers to update, just set and forget

Enhanced Cyber Services (ECS)

RigNet's Enhanced Cyber Services (ECS) enables organizations to work with a single vendor to augment their existing cybersecurity personnel, which can substantially reduce operating costs when compared with the cost of hiring cybersecurity professionals. Working in conjunction with RigNet's Security Operation Center (SOC), ECS will employ advanced intrusion prevention tools to monitor cyber threats continuously.

ECS employs industry-leading platform from security artificial intelligence (AI) pioneer Darktrace, the world leader in cyber AI for cyber-threat detection and cyber-attack defense. The capabilities Darktrace offers combined with Cyphre, our advanced data-encryption technology, enables RigNet to provide organizations a complete suite of cyber-security services for the protection of their data and networks.

Features and Functionalities

- Centralized Experts
  A team of highly experienced cybersecurity analysts dedicated to preventing cybersecurity threats.
- Reduced Costs
  The SOC assists your existing cybersecurity efforts and provides a force multiplier. Avoid costly training and in-house staff who will need to keep up with the latest vulnerabilities.

- Protecting your Operations
  We employ technologies including
  Cyphre, Darktrace and an arsenal
  of firewalls, probes, and event
  management systems that collect
  and monitor data as it moves across
  platforms. The SOC stays ahead of
  potential threats by analyzing active
  feeds, establishing rules, identifying
  exceptions, enhancing responses
  and closely monitoring all possible
  vulnerabilities.

Ready When And Where You Need To Connect

RigNet offers a wide range of mobile connectivity solutions that ensure reliable, quality voice and data delivery across the globe, regardless of location conditions.

Our highly reliable network captures real-time intelligent analytics and environmental monitoring capabilities to secure, reliable communications to support missions anywhere in the world.

CompleteConnect

CompleteConnect LTE service ensures constant connectivity, and high availability. It offers users an intelligent, durable, LTE solution that is easy to deploy and can be bundled with L-band and VSAT services to provide communications beyond LTE coverage areas.

CompleteConnect is portable and features a rugged case with durable components to ensure reliability in harsh environments and under rough handling. It also comes with an SD-WAN switch which enables lowest-cost routing between carriers in remote regions, simplifying site management and uptime, while providing better security.

Features/Functionalities

Transportable land installation is available through three categories:

Connectivity
- Up to four SIM cards
- Up to two active radios
- Automatic failover between LTE providers
- Automatic failover between LTE, L-Band(Optional) and VSAT (Optional)

Security
- Complete separation of networks out to the remote site (VRF)
- Private traffic over RigNet APN
- Encryption

Mobility
- Ruggedized solution on wheels
- Antenna and cables protected in the ruggedized case
- Quick connection of GPS, antennas, LAN and WAN cables

Voice & Collaboration Services

Clear and reliable Voice and Collaboration services are critical to safe and efficient operations. RigNet's integrated suite of products unifies all your communications, making it practical and cost-effective for your organization to share and respond in any way needed.

Voice Services
Voice Services solutions offer seamless, cost-effective communication to and from remote locations. Our telephony services are scalable and reliable, utilizing integrated service providers across the globe.

Video Conferencing & Collaboration
Our Voice Conferencing & Collaboration solution is designed to enable multi-user groups/organizations/networks to leverage a single platform to make informative and timely decisions by sharing real-time video and voice with remote personnel.

7

Voice Packages

The IsatPhone satellite phone, designed to be both robust and feature heavy, offers voice and text messaging, SOS alerting and location tracking.

- AC Travel Charger
- Portable Auxiliary Antenna
- Auto Accessory Adapter
- International Plug Kit
- Hands-Free Headset
- Antenna Adapter
- User/Quick Start Guide
- Holster
- Rechargeable Li-Ion Battery
- USB to Mini USB Cable
- Data CD
- Pelican case 1200
- Kits are also available in orange and yellow

Reliable Coverage Around The World

Our global network proves redundant, reliable VSAT, L-Band, and Cellular coverage that enables both IP Connectivity and networking capabilities in the most challenging remote environments.

Our underlying network coverage is a robust, IP-optimized platform that has been proven throughout the world. With multiple remote site configurations, RigNet will equip your site with a variety of VSAT satellite solutions such as BGAN M2M, a reliable, easy-to-operate, flexible L-band service to support operations anywhere, at any time.

BGAN M2M

BGAN M2M provides worldwide two-way IP data connectivity for low-volume, high-frequency bursts of data and a continuously expanding portfolio of bandwidth-optimized SCADA applications. A range of certified terminals are available for mobile and fixed use, providing remote management and performance options to suit different operational needs in the most extreme environmental conditions. M2M terminals are small, easy to install,

and can increase the operational efficiency of your network.

Data Services:

Man-Portable Explorer 540

- L-Band
- Global
- Inmarsat BGAN Network
- Easy pointing and set up
- Voice and IP Data
- Can be pole mounted if required
- Up to 462kbps data contended
- Up to 128 kbps data (dedicated – premium service largely for media)
- Hybrid BGAN/Global Cellular capability as an option

Vehicular BGAN HNS 9450-C10

- L-Band
- Global
- Inmarsat BGAN Network
- Easy pointing and set up
- Circuit-switched services:
  3.1kHz ad 4k
  64k ISDN Data
- IP Data
  Up to 492kbps data contended
  Up to 256 kbps data (dedicated – premium service largely for media)

- Hybrid BGAN/Global Cellular capability as an option

The Football (Internet Suitcase) MCD-4800/4801

The MCD-4800/4801, no pointing Wi-Fi global satellite internet hotspot is an auto-pointing BGAN satellite terminal and is easily operated by any personnel requiring no training or certification to use. Connect a laptop, smartphone or any wireless device to a BGAN portable satellite terminal for Internet and phone from anywhere on the planet.

- Satellite Internet connectivity - globally - All locations (except polar)
- Wi-Fi Hotspot for all in-range devices up to 100 meters (328 feet!).
- Broadband speeds of 464 Kbps (94.5% as fast as the fastest BGAN).
- May be operated by anyone. Online in about 1 minute.
- Operates stationary or in-motion, on land or open ocean.
- Weighs 25 lbs (11 kg) and will run for up to 5 hours on internal battery.

- Internet, Phone-Voicemail (MCD-4800 only), SMS Messaging

Voice & Collaboration Services

At RigNet, we combine secure, reliable connectivity with unmatched coverage in a flexible package. We will equip any site with the appropriate sensors, satellites, and applications based on your specific needs. We provide full installation, maintenance, and support services enabling you to automate and enhance processes through:

Technology

RigNet's indoor unit connects seamlessly to your PCs on a LAN standard ethernet interface; and a satellite antenna and associated radio equipment for two-way, send-and-receive communications.

Fixed-Site Land

For permanent or semi-permanent installations at fixed-sites, Ku-band and C-band antennas are typically 1.2 to 2.4 meters and installed with a wall, post, or non-penetrating roof mount. Standard L-band BGAN terminals provide temporary services during exploration and production site setup and for use as satellite backup solutions.

Transportable Land

Transportable land installation is available through three categories:

- Trailer Mounts, a satellite dish, pre-mounted on a single-axel, tow-hitch trailer with a GPS and antenna-pointing assembly that can be made operational within 15 minutes.
- Flyaway Terminals, designed for repeated assembly, and transported in lightweight cases—set up in approximately 30 minutes.
- Auto-Acquire Terminals mounted on light trucks or SUVs for mobility; and capable of automatically deploying and acquiring a satellite within minutes.

Adaptive Video Intelligence Suite (AVI)

AVI Suite is a video motion analytics that delivers cost-efficient, high-quality video streams and analysis using ultralow bandwidth.. This end-to-end video monitoring solution suite is flexible enough to handle any camera feed, including CCTV, analog, IP, thermal, drones, wearables, ROVs, diver units and other cameras, allowing

RigNet's customers to have situational awareness of their sites and assets using their current video infrastructure or other user interfaces such as web, mobile apps, and video walls.

Disaster Recovery And Restoration

RigNet provides critical mobile telecom solutions that can be delivered to the most challenging, remote locations to ensure critical communication when absolutely necessary.

Technical Services & Onsite Maintenance

RigNet's Technical Services provides specialized global support. Operating 24/7, our personnel have extensive experience supporting the most complex site requirements. We have developed excellent supply chain relationships with major manufacturers such as Motorola, Gaitronics, DNH, and MEDC; and have complete knowledge and command of telecom standards, requirements, licenses, and regulations.

RigNet has the ability to help you keep track of personnel under any extreme conditions. Our solutions ensure the safety and security of personnel as they are exposed to hazards that demand an accurate response system with continuous visibility.

Adaptive Video Intelligence

RigNet's Adaptive Video Intelligence (AVI) is a comprehensive remote video intelligence system that delivers cost-efficient, high-quality video streams and analysis using ultralow bandwidth. This end-to-end video monitoring solution suite is flexible enough to handle any camera feed, including CCTV, analog, IP, thermal, drones, wearables, ROVs, diver units and other cameras, providing situational awareness of all sites and assets using current video infrastructure or other user interfaces such as web, mobile apps, and video walls.

Incorporates video motion analytics monitors and analyzes remote sites and detects conditions that threaten, or are in violation of, predetermined Health, Safety, and Environmental standards.

Visibility of sites and events detection is enhanced with RigNet's AVI analytics.

Features/Functionalities

- Object detection – alerts if unknown objects are dedicated or left in any area.
- Perimeter and safe zone – set zones and receive notifications when breached
- Man down – automatically get alerts if a fall is detected
- People counter – ability to detect bodies in assigned zones
- Vehicle plate recognition – capture vehicles coming and going

Our solutions provide advanced, secure and reliable terrestrial and satellite communication technologies with access to critical data and analytics to enable valuable intelligence for maximized performance, with uncompromising quality.

RigNet (NASDAQ:RNET) delivers advanced software, optimized industry solutions, and communications infrastructure that allow our customers to realize the benefits of digital transformation. With world-class, ultra-secure solutions spanning IP connectivity, IIoT big data enablement, and machine learning analytics, RigNet digitally enables our customers, empowering them to respond faster to issues, mitigate risk of disruption, and maximize their financial performance. RigNet is headquartered in Houston, Texas with operations around the world.

For more information
visit our website www.**rig.net**

RigNet

Enabling Intelligence. Delivering Results.