



RAN

Radio Access Network
Provider Services

Add Scalable, Low-Cost, M2M Connectivity and Generate New Revenue with Your Existing Assets

Senet has established a unique way for infrastructure providers to participate in the Internet of Things (IoT) marketplace and monetize the deployment of millions, and ultimately billions, of low-power, low-cost sensors - across the globe.

Senet provides a new approach to meeting the unique demands of connecting IoT devices at scale. By creating a global ubiquitous network that provides flexible, efficient and targeted connectivity, we are changing the paradigm for how IoT services are delivered.



RAN Providers

RAN providers participating in Senet's Low Power Wide Area Virtual Network (LVN™) can create new revenue streams by deploying and maintaining LoRaWAN™ Gateways of any type (indoor or outdoor) on their infrastructure. RAN providers are responsible for the costs of deployment and maintenance of their RAN, including but not limited to required capital investment (i.e. gateways and installation costs), operating expenses (i.e. site leases, IP backhaul, electricity) and periodic maintenance (i.e. gateway repair/replacement).

You Can Participate in the IoT Revolution

Join the Senet LVN as a RAN provider. The Senet LVN includes a unique role for infrastructure providers that enables end-device connectivity and application service on any LoRaWAN Radio Access Network (RAN) network using Senet's operations support system (OSS) and business support systems (BSS).

Joining the LVN as a RAN Provider provides the following benefits:



Unlock additional value from your assets (towers, roof tops, billboards, light poles) by installing low-cost LoRaWAN gateways



RAN Providers benefit from their investment in the infrastructure by sharing in the revenue generated by all end devices connecting to their Radio Access Network



Speed time to market with Senet's Network Design and RF Planning, RAN Site Acquisition, RAN Deployment and RAN Management and Operations services

Billions of Connected Devices Across Thousands of IoT Applications

We make it easy for you to create new IoT revenue streams

Radio Access Network Management and Deployment Services

Senet offers a full suite of RAN management and deployment services available to complement your existing network operations expertise.

Flexible service offerings allow you to select as little or as much as you need. RAN services include:

Network Design and RF Planning

- End Node coverage simulation with anticipated performance characteristics
- Redundancy strategies and planning

RAN Site Acquisition

- *Where should I put the Gateways?*

- Municipality, owned, donated or leased locations
- Permitting
- Power – AC, PoE, Solar
- Internet Protocol backhaul connectivity – Ethernet, Fiber, Cellular

RAN Deployment

- Gateway hardware acquisition
- Provisioning and staging
- Installation – Tower climb, rooftop, billboards, light poles

RAN Management & Operations

- Monitoring (uptime, backhaul, capacity)
- Escalations and alerting
- Trouble calls and truck rolls

Expand Your Role in the IoT Services Economy

- New business opportunities are created by coordinating go-to-market strategies with other Senet LVN participants, including Application Providers and System Integrators needing additional network presence.
- Create additional business value by providing LoRaWAN solutions leveraging OEM LoRaWAN sensors (water meters, moisture sensors, smart locks, environmental monitoring) to create a portfolio of service

offerings marketed directly to your customers.

- Offer your brand as a LoRaWAN network operator. RAN providers have a path to becoming a branded LoRaWAN network operator by partnering with Senet to implement our Managed Network Services for IoT (MNSi™) services.



Why Partner with Senet?

A Founding and Contributing member of the LoRa Alliance™, Senet is leading the IoT revolution with pioneering experience and expertise in building and operating Low Power, Wide Area Networks (LPWANs). We are working with hundreds of businesses to revolutionize their products and operations by delivering standardized low-cost network connectivity exactly where it's needed, when it's needed and at the right cost.



LoRaWAN™ is the open global standard for carrier-grade LPWAN connectivity, designed to connect low-cost, battery-operated sensors over long distances and offers unique benefits in terms of bi-directionality, security, mobility, and geolocation.

Senet, Inc. | 100 Market Street, Suite 302 | Portsmouth, NH 03801

Phone: +1 877-807-5755 | www.senetco.com



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Connecting the IoT Revolution

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