



RG Nets' next-generation IP data and voice revenue generating network gateway combines the latest technologies to maximize operator profitability and minimize cost.

Simplicity meets versatility and value in this feature-rich gateway product, thanks to a flexible, tiered licensing scheme and an all-inclusive design. Whether in fixed wireless broadband, large scale hot-zones, WiMAX blankets, WiFi hotspots or wired MDUs and campuses, the rXg is the perfect platform for clear communication, authoritative control and complete cognizance over your RGN end-user population. Contemporary profitable IP RGNs extract revenue from the end-user community through a combination of direct and indirect mechanisms. The classic IP RGN business model that focuses on direct billing of end-users is giving way to hybrid models that employ advertising, user profiling and premium services with automated up-sell.

Profitability is directly related to the ability of the operator to provide clear and compelling communication, enforce strong and versatile control as well as gain prescient cognizance through deep instrumentation and auditing. The rXg is designed to address these specific needs of the IP RGN operator in a simple, unified and cost effective manner.

Seamless Billing

- Credit card processing
- Single use coupons
- Zero-cost services



Stateful Firewall

- Filtering
- Forwarding
- Intrusion Protection

Per-User Traffic Shaping

- Rate limiting
- Rate guarantees
- Download quotas
- Packet prioritization

Captive Portal

- Integrated database
- RADIUS client
- Ruby on Rails environment

Web Experience Manipulation

- Interstitial advertising
- Inline injection
- Arbitrary rewriting
- Caching

Core Services

- DHCP
- DNS
- RADIUS server

Advanced Routing

- Aggregation
- Failover
- Affinity
- Diversity

Instrumentation

- Real-time graphs
- Node Monitoring
- Resource consumption dashboards

Auditing

- Surfing histories
- Consumption comparisons
- Health logging