



Ultimate MEC

WITH THE REVENUE EXTRACTION GATEWAY

rgNets

Data plane - B-RAS

Routing - Traffic shapping - L7 Firewall - SD-WAN - Content Filtering - VPN - cgNAT - DHCP / DNS / IPAM - BNG - BGP - Virtual RG

Control plane - B/OSS

End-user & Venue portals - Subscriber self-provisioning - Billing - NAC - Device posture - Location services - eDPSK micro segmentation

Management plane - NMS/EMS

Wireline & wireless auto-configuration - Zero touch provisioning - test & measurement automation - data warehousing - reporting

**BUILT-IN
FUNCTIONALITY**



**VIRTUAL
MACHINES**

ZoneMinder & Shinobi NVRs

FreePBX & Asterisk

Home Assistant IoT Platform

RUCKUS vSZ & vRIoT

piSignage Local DS Server

Windows Validation Client

Magma EPC

Multi-access Edge Compute

The rXg is the ultimate multi-access edge compute solution for service providers, offering unparalleled performance and versatility in a reliable and scalable software package. With advanced features like deep packet inspection, application optimization, and 5G readiness, rXg provides service providers with the ability to manage their entire network from a single platform, reducing costs and improving network efficiency. Whether you're looking to deploy cloud-based services, support IoT devices, or manage complex networks, rXg has the performance, scalability, and reliability you need to stay ahead of the curve.

The rXg sets itself apart from other virtualization solutions with its unique approach to networking. Unlike other virtualization systems that require you to bring your own router, firewall, and other essential services, rXg is built on a networking platform that includes integrated support for SD-WAN and ZTNA. This makes deploying the solution a breeze, as you no longer have to install these services as separate VMs. The integrated routing platform at the heart of rXg ensures that your network is reliable, secure, and scalable, giving you the confidence to take your business to the next level. The rXg is the ultimate multi-access edge compute solution for service providers, offering a truly unparalleled experience.

The rXg can be centrally controlled and managed from a Fleet Manager, making it easy for service providers to deploy and manage their networks. The Fleet Manager provides a single point of control for the entire network and allows you to easily deploy virtual machines across one or more packs with the touch of a single button. With the ability to deploy VMs of any kind, you have the flexibility to run the applications and services that your business requires, all from a single platform.

Templates can be easily pushed from the Fleet Manager to a hierarchy of Fleets, ensuring that all devices are consistent and up-to-date. This central control also makes it easy to manage security, as the rXg uses a role-based access control mechanism to ensure that only authorized users have access to sensitive information. The Fleet Manager provides visibility and control over the entire network, giving service providers the confidence to keep their network running smoothly. The rXg is designed to be the ultimate solution for service providers, providing the scalability, reliability, and security that your business needs to succeed in today's competitive market.

Furthermore, rXg is 5G ready. The rXg is built upon a storied history with successful deployments in both Wi-Fi and 3GPP architecture networks. In 3GPP installations, the rXg is most often deployed as the Packet Data Network Gateway, where it delivers comprehensive network management capabilities, including policy enforcement, per-user packet filtering, billing, lawful interception, and screening. The rXg integrated B/OSS and AAA server has also been deployed as part of a B/OSS in support of both private and macrocellular radio area networks. The rXg also includes a virtualization system can be used to deploy Evolved Packet Cores (EPCs), making it a versatile and flexible platform for any service provider. With the rXg, you can be sure that your network is ready for the challenges and opportunities of 5G and beyond.

The rXg is the ultimate multi-access edge compute (MEC) solution for service providers, delivering a powerful and reliable platform for 5G and Wi-Fi networks. Its integrated support for SD-WAN, ZTNA, and ability to deploy virtual machines of any kind, makes it a flexible and scalable solution. Managed through a centralized Fleet Manager with role-based access control, the rXg is easy to deploy and manage. With its proven track record in thousands of deployments, the rXg is the smart choice for any service provider looking to stay ahead of the curve in a rapidly evolving industry. Choose rXg and elevate your network to new heights.



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