



NetLiNQ

Management Suite

Smarter 5G,
Unified Control



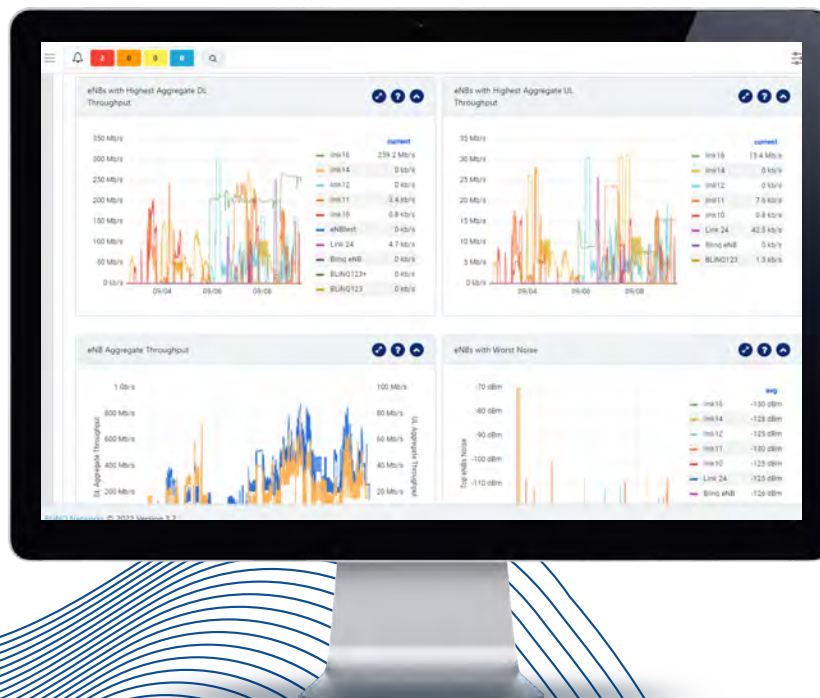
Seamless Control, Smarter Networks.

BLiNQ's NetLiNQ Management Suite is a powerful, all-in-one solution for 5G networks. Combining the NetLiNQ Orchestrator and SON Controller, this AI-powered platform streamlines deployments, lowers operational costs, and maximizes performance with real-time network intelligence.

The NetLiNQ Orchestrator acts as a full-featured SMO (Service Management and Orchestrator System), offering centralized control, template-based configuration, and live network health monitoring. Deployed securely on servers for on-premises or in cloud-based AWS environments, the Orchestrator enables zero-touch provisioning when onboarding BLiNQ's 5G Small Cells.

Seamlessly integrated, the NetLiNQ SON Controller functions as a near real-time RIC (Radio Intelligent Controller), running AI-enabled xApps to automate SON (Self-Organizing Network) tasks such as dynamic channel allocation, transmit power optimization, and interference management across 5G and Wi-Fi bands. It also features a built-in CBRS SAS Proxy for fully automated spectrum access and compliance.

Operating as one unified solution, the NetLiNQ Management Suite offers a scalable SMO platform that reduces operational costs, enhances user experience, and elevates your network's intelligence and agility.



Intelligent Orchestration for Next-Gen Networks.

Key Features



Centralized Dashboard



Zero-Touch Provisioning
(Automatic Onboarding)



rApp Infrastructure Support



Data Management



Backup & Restore



Performance Graphs



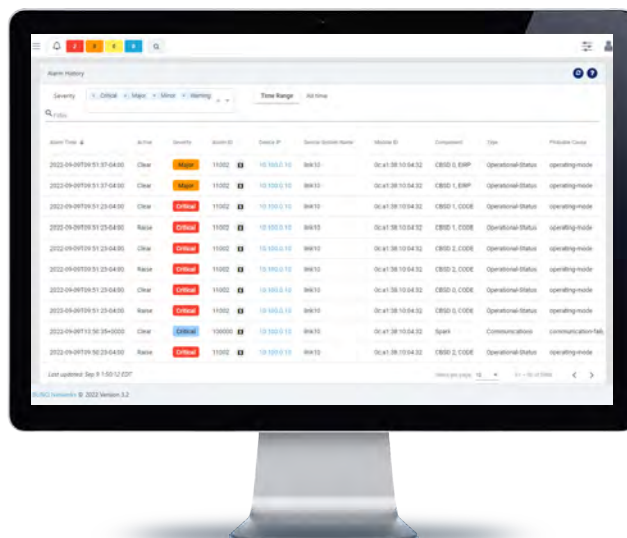
Uses Standard NETCONF, RESTCONF,
HTTPS, WebSockets Interfaces



Alarms Management

- Centralized Dashboard to track your network health in real time.
- Zero-Touch Provisioning automatically configures Small Cells, enabling them to be operational within minutes.
- Configuration templates enabling simultaneous configurations or software upgrades.
- Fast, Flexible Data Management that facilitates network health evaluation.
- Backup & Restore data in the event of a crash.
- Real-Time Performance Graphs enable prompt response in managing devices based on the needs of the network.
- Integrated NetLiNQ SON Controller allows for single SMO.
- Alarms Management maintains alarms/events by level of severity and features customizable alarms based on KPIs.

Adaptive Automation for Simpler Operations.



Dynamic Frequency Selection xApp

Includes near real time spectrum and interference management



Load Balancing and Congestion Pre-emption xApp

Ensures fair resource utilization and user distribution, proactively preventing network congestion



Automated PCI Assignment xApp



Transmit Power Management

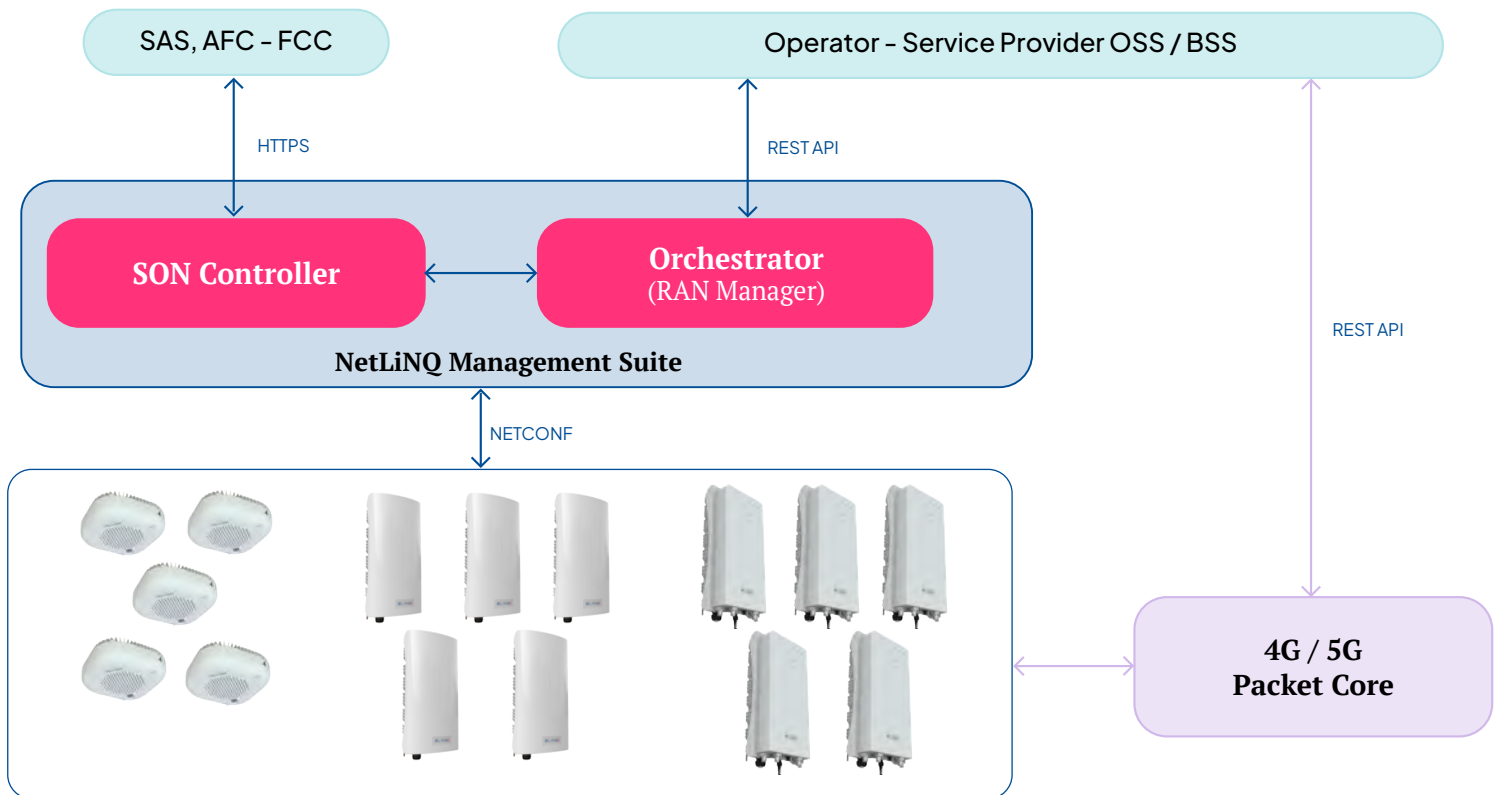


Mobility Neighbor Coordination xApp

Mobility optimization and management



CBRS SAS Proxy





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