

coRAN LABS



SATORI
SOLUTIONS

PCI Planning & Optimization rApp

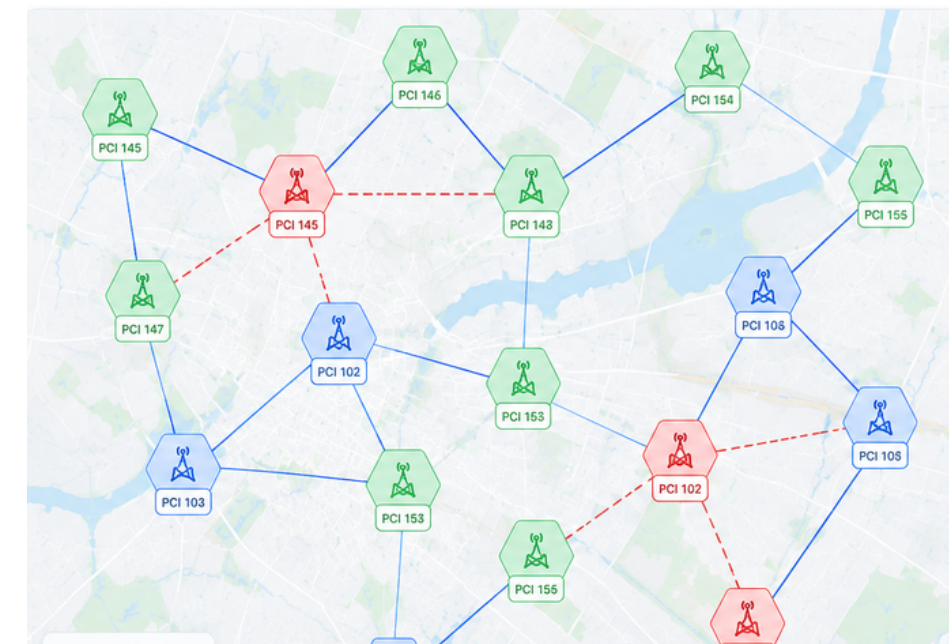


Visualize • Plan • Optimize

See PCI Problems Before They Impact Users

PCI conflicts often remain hidden until mobility KPIs begin degrading. PCI Planning & Optimization rApp gives operators a live visual representation of PCI reuse, collisions, confusions, and mod-N alignments across LTE and 5G networks.

The platform transforms PCI management from spreadsheet-driven operations into a real-time interactive planning experience.

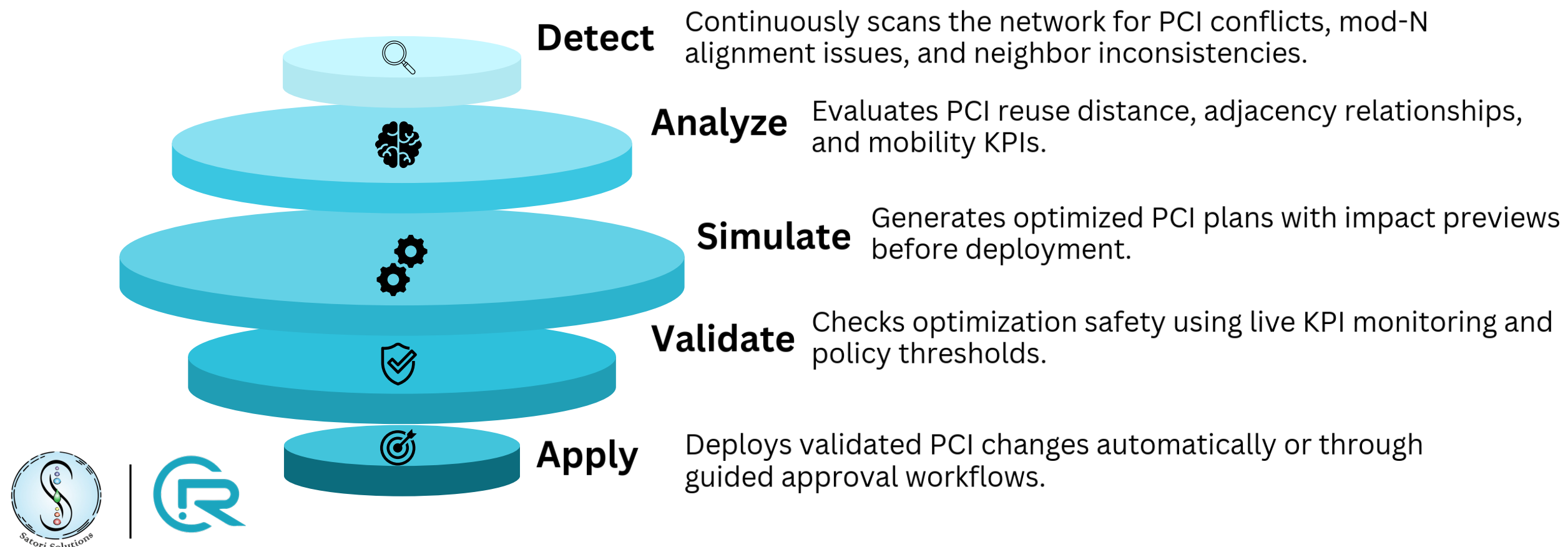


Real-Time Visibility Across LTE & 5G PCI Layers

Autonomous PCI Intelligence

Modern RAN environments evolve continuously through expansions, refresh cycles, and configuration changes. Static PCI planning approaches cannot keep pace with rapidly changing network topologies.

PCI Planning & Optimization rApp introduces an intelligent closed-loop PCI planning engine that continuously monitors, evaluates, and optimizes the live network.



Excel-Based PCI Planning

Upload and validate custom PCI plans directly against the live network.

Audit & Rollback

Every optimization is logged with timestamps, attribution, and rollback support.

Before & After Diff Preview

Visualize every planned PCI modification before deployment.

Cross-Technology Visibility

Unified planning across LTE and 5G NR environments.

Live Conflict Alerts

Receive real-time notifications when new conflicts appear.

Export & Reporting

Export topology, KPI, conflict, and audit data for offline analysis.



Dashboard

The **Ericsson Intelligent Automation Platform (EIAP)** provides Service Management and Orchestration (SMO) for Open RAN and further enhances openness, network management, and automation by supporting multi-vendor and multi-technology RAN environments.

EIAP is supported by open interfaces and the industry's leading Software Development Kit (SDK) to enable an ecosystem of developers with all the capabilities needed to innovate, build, validate, share and operate rApps.

