CYIENT | Nothing Less

Site Capacity Management rApp



Cyient Site Capacity Management (SCM)

Site Capacity Management gives network teams a clear, trusted view of where capacity is healthy, constrained, or underused. It turns performance signals into practical insight, helping leaders prioritize investment, improve customer experience, and act with confidence.

Network growth creates constant pressure to deliver more capacity, better service, and stronger returns from every site. A single metric rarely tells the full story. Leaders need a consistent view of demand, usage patterns, recent performance, and confidence in the evidence. Without that perspective, teams can overinvest in healthy sites, overlook emerging constraints, or miss opportunities to use existing assets more effectively. Site capacity management brings the context together so decisions are timely, transparent, and aligned to business priorities.

Site Capacity Management turns complex network signals into a simple, decision-ready view of site performance. Teams submit the sites they want to understand and receive a clear assessment of whether each cell is underused, balanced, or approaching capacity. The solution combines current and historical evidence, applies consistent business rules, and explains the confidence behind every outcome. This helps operations, planning, and assurance teams focus attention where it matters most, accelerate prioritization, and make better use of network investments.





Cyient Site Capacity Management rApp solution description

Site Capacity Management gives decision-makers a consistent way to understand how each monitored cell is performing and where action may create the greatest value. It brings together recent performance, historical demand patterns, and practical safeguards to distinguish healthy usage from emerging pressure or untapped capacity.

Each outcome is presented as a clear business signal: low, normal, or high load, supported by an understandable rationale and an indication of confidence and data freshness. This makes capacity conversations easier to align across operations, planning, engineering, and assurance teams.

Instead of relying on isolated snapshots or individual interpretation, leaders gain a shared view that supports faster prioritization, more targeted investment, and improved customer experience. The result is a more proactive approach to capacity management, helping teams protect service quality while getting more value from the network they already operate.

Functional workflow

1 Define
Choose the sites that need attention

2 Understand
Bring performance context together

3 Assess
See capacity health with confidence

4 Prioritize
Focus actions where value is highest

A shared view of demand and performance helps teams focus on investment where it creates the greatest customer and business value



Site Capacity Management rApp characteristics

Load decision logic

PRB signal >= 70%?	HIGH LOAD
Low PRB & Guardrail VETO	NORMAL LOAD
PRB <= 10% & No Guardrail VETO	LOW LOAD clear/warning

rApp characteristics

Vendors
Ericsson, Nokia

RAN technology
4G / 5G

RAN infrastructure
Cloud RAN / O-RAN

Category
Network optimization

Key features

Evidence-based capacity
Combine current and historical PM evidence at a stable site anchor.

Explainable decisions
Expose labels, guardrails, confidence, freshness, and rationale.

Operational resilience
Recover leases, retry safely, and preserve audit state across attempts.

Fast operator access
Use API, Workbench, OpenAPI, health, readiness, and metrics

Get more from the network you already operate. Nothing less.

Empower your teams with evidence-based capacity insight that protects customer experience and directs investment where it earns the most. Let's start the conversation.

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