CYIENT | Nothing Less

Configuration Management Executor rApp



Cyient Configuration Management Executor (CM Executor)

Configuration Management Executor helps operations teams move faster without losing control. It brings a governed path from change intent to network execution, giving teams a practical way to improve consistency, reduce operational risk, and make every action easier to understand. By combining confidence checks with controlled delivery, the rApp supports faster decisions and more dependable outcomes across complex RAN environments.

Automation is increasing the pace and scale of RAN change. This creates a clear business opportunity but also raises the cost of inconsistency and unexpected outcomes. Operations leaders need a practical control point that helps teams move quickly, protect live services, and maintain confidence in every decision. Configuration Management Executor provides that control by combining governance, operational context, and transparent execution evidence.

Validate the intent, understand the live context, then execute with control. The rApp gives operations teams a clear path for both large change programmes and focused actions. It combines governance, flexible execution choices, and transparent status so teams can move faster while maintaining confidence in every network outcome.



Cyient Configuration Management Executor rApp solution description

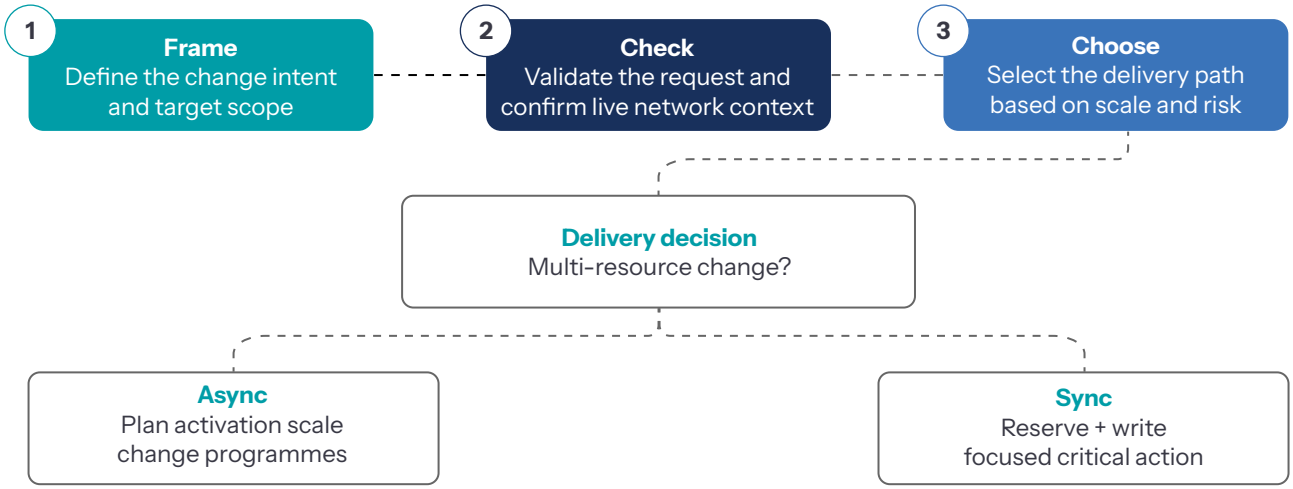
Configuration Management Executor turns a potentially risky network action into a governed operational journey. It gives teams one consistent way to move from business intent to a controlled network outcome, whether the request affects one resource or a broader change programme. Before execution, the rApp checks the request against the expected configuration model, confirms that the target and surrounding network context are understood, and identifies any conditions that could compromise the outcome. This creates a confidence gate before the change reaches the network.

Once the request is ready, the rApp selects the delivery approach that best fits the operational need. Multi-resource programmes can use asynchronous plan activation, allowing teams to manage scale through a structured job process. Focused, critical actions can use synchronous execution with reservation protection and a direct write path. In both cases, operators receive clear status, execution context, and evidence of the outcome.

The result is a more consistent change experience: easier to govern, easier to explain, and easier to review. By combining operational discipline with flexible execution, Configuration Management Executor helps service providers increase change velocity while protecting network stability and business confidence.



Functional workflow



A control point for confident change

Configuration Management Executor rApp characteristics

Key features

Increase confidence:
Every action is checked before it reaches the network.

Reduce operational risk:
Live context and controlled execution protect services.

Scale with governance:
Support multi-resource programmes with visibility.

Strengthen accountability:
Clear states and evidence support review.

rApp characteristics

Vendors	Ericsson, Nokia
RAN technology	4G / 5G
RAN infrastructure	O-RAN / Cloud RAN
Category	Automation & AI foundation

Make every network change more confident.

Empower your teams with governed execution that checks every action before it reaches the network, protects live services, and leaves clear evidence behind. Let's start the conversation.

Cyient is a global lifecycle engineering services company powering mission-critical industries from design to aftermarket across products, plants, and networks. With 300+ customers and 15,000+ associates across 30+ countries, we combine human expertise, deep domain knowledge, and AI to deliver intelligent engineering for every lifecycle across Aerospace and Rail, Automotive and Mobility, Connectivity, Energy, Healthcare, Mining, Utilities, and beyond.

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