

Cortex & TM Forum NaaS Component Suite APIs

TM Forum Compliant Operations

Legacy, Current, and Future systems

Cortex provides out of the box support for the TM Forum NaaS Component Suite APIs. CSPs can now adopt the TM Forum standards to deploy NaaS compliant operations easily and rapidly without compromising their existing service provisioning and service assurance systems.

WHAT IS SUPPORTED?

All the currently published API operations in the following TM Forum API Specifications:

- Service Catalog API (TMF 633)
- Service Qualification API (TMF 645)
- Service Ordering API (TMF 641)
- Service Activation and Configuration API (TMF 640)
- Service Inventory API (TMF 638)
- Service Test API (TMF 653)
- Service Problem API (TMF 656)
- Usage Consumption API (TMF 677)

INTEGRATIONS

Integration logic for external systems enables Cortex to integrate with 10,000's of Elements, EMS, NMS, OSS and BSS systems out of the box.

INTERFACES

Cortex supports the latest interface definition formats including:

Open API/swagger, PowerShell cmdlets, and WSDL

Provides instant integration for custom systems.



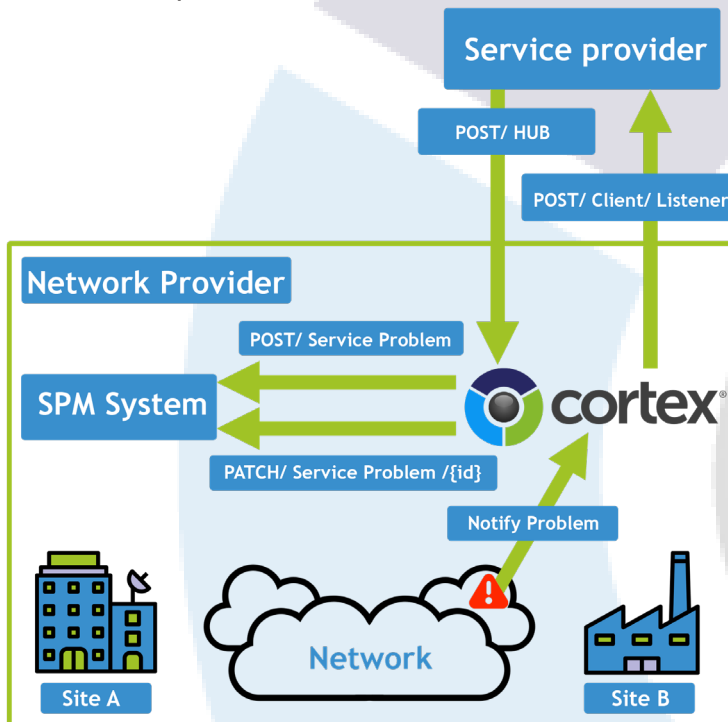
DOWNLOAD THE CORTEX TM-FORUM LIBRARY

USE CASE 1

Cortex acts as a façade to provide non-API conforming applications with a TM Forum compliant API interface.

Converts systems' non-compliant APIs into the TM Forum API NaaS enabling simple, rapid transition to compliant operations.

Enables the evolution of legacy systems to TM Forum compliance. Operators can manage the transition to TM Forum compliant operations at their own pace behind the APIs.



The Cortex Library:

Contains 118 Cortex Intelligent Automation subtasks, one for each operation defined in the API specifications.

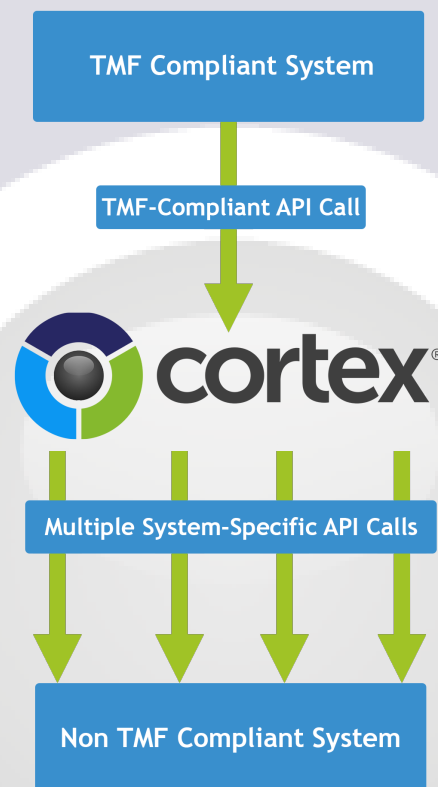
This implementation supports:

- Out of the box operation parameter validation
- HTTP REST communication with the specified operation endpoint
- Operation retries in the event of communication failures
- Response verification, utilising the feature-rich and highly scalable capabilities of the Cortex Intelligent Automation Orchestration Communication Interface

USE CASE 2

Cortex operates as a functional component using TM Forum API specifications.

As a component of the NaaS stack, Cortex integrates with other TM Forum compliant systems and operations to provide end-to-end compliant business processes.



About Cortex

Cortex Intelligent Automation is the first unified platform specifically built to solve the challenges preventing organisations' acceleration to an autonomous future. Cortex rapidly creates value, using multi-purpose intelligent automation software to transform telecommunications operations.

A unified, no-code, automation and orchestration platform, Cortex Intelligent Automation delivers Workflow, Orchestration, Automation, Reasoning, Integration and Event processing. Unique, decision-driven, closed-loop, and self-adjusting automation technology seamlessly integrates into existing and legacy technologies, automating processes to increase accuracy, speed, agility, and to deliver tangible ROI.

Process design within the Cortex Intelligent Automation platform requires no programming experience, underpinned by Cortex's mission statement of "A world where everyone can automate", and puts the business process owners and subject matter experts at the core of the automation project. Web based and highly scalable, the platform supports a simple managed process for the migration of a process design from development to test to production environments.

With strategic delivery partners including Capgemini, TCS, and Tech Mahindra, Cortex applies proven strategies and methodologies for Intelligent Automation deployment, together ensuring that the most successful outcomes and ongoing autonomous operations are achieved.

START YOUR INTELLIGENT AUTOMATION JOURNEY TODAY
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