



KORE ConnectivityPro: Single Platform for Global IoT Connectivity Management

For businesses deploying IoT solutions, the benefits of automated connectivity management are obvious, and represent significant cost savings associated with network usage, administrative labor, and technical support. However, the vast majority of IoT providers require multiple network technologies and multiple carrier relationships to attain the performance and coverage requirements their solutions demand. This ultimately results in multiple connectivity management services and complex processes associated with managing and maintaining disparate solutions.

With KORE ConnectivityPro, organizations benefit from industry-leading connectivity management features and functionality that allow businesses to manage and monitor their IoT network connectivity quickly and easily for advanced visibility and control. ConnectivityPro provides a simplified, streamlined, experience, enabling users to manage network connectivity from more than 24 cellular and satellite carriers via a single interface with the tools they need to provision IoT devices, prevent data overages and unnecessary costs, and diagnose connectivity issues in real-time.

23% of organizations attributed IoT PoC failure to, "too many platforms to test".¹

ConnectivityPro supports robust connectivity management tools for more than 24 leading, global cellular and satellite carriers via a single user interface



Key Features and Functionality

- **Real-Time Provisioning** – Real-time, single click provisioning to 9 SIM lifecycle states, including pre-billing states (to support manufacturing and pre-deployment logistics), active and suspended states, as well as inactive and terminated states.
- **Data Visualization and Reporting** – Enables a broad range of customizable dashboards that are filterable, configurable, and downloadable. Dashboards include usage cycle-to-date, monthly total usage, overage violations, inventory status, top usage subscriptions, rate plan allocation graphs, and variable usage per device graphs.
- **Usage Monitoring** – Provides usage monitoring in real-time for both individual and pooled usage accumulation amounts with rules-based actions including suspending, de-activating, or changing the rate plan of the subscription.
- **Diagnostics** – Provides real-time status of individual subscriptions using deep core element queries and related meta-data information, such as session status. A history of events is provided with a number of reset options including de-registering a SIM from the network and the ability to issue device reset commands.
- **API Library** – Allows users to integrate ConnectivityPro functionality directly into the applications they desire to connect directly including primary IoT applications or back-office systems
- **Hierarchical Account Management** – Provides a 4-level hierarchical configuration (Parent, Child, Grandchild, and Great-Grandchild) with multiple billing models and rate plan management. Configuration models support cost center, wholesale, and agent models with white labeling at each level, and parents receive individual child invoice reports.
- **Network Traffic Monitoring** – Enables monitoring and security capabilities targeting both cost management as well as fraud protection. Using a combination of shallow packet inspection and session meta-data analysis, users can access live traffic views and monitoring of specific IP protocol types, ports, device changes (IMEI), as well as anomalous communication patterns based on trend analysis, loss of connection, usage bursting, or URL mis-matches. Additional capabilities include protection from DDOS and ISD attacks and white / black listing of addresses.

Why KORE ConnectivityPro?

To effectively manage, monitor, and control IoT network connectivity across multiple carriers and satellite providers, users need a single user interface that enables them to quickly and easily:



Order, provision, activate, and deactivate devices for enhanced scalability



Access guided setup with experienced support to streamline internal training



Monitor usage and identify billing overages to reduce costs



Resolve connectivity issues efficiently to avoid solution downtime



Analyze operational trends to improve and optimize solution performance



Integrate connectivity management services directly into mission-critical applications



Expand regionally for global coverage while ensuring in-country compliance



Add new features, functionalities, and services with little to no updates or training required



Automate connectivity management service upgrades to eliminate the need to execute in-house

With enhanced management of network connectivity and global coverage, KORE simplifies IoT complexity and enables organizations to maximize their returns on IoT investments. For more information, reach out to KORE today.

Source: 1. IoT Signals, Summary of Research Learning 2019, Microsoft

