



ALASKA is end-to-end device management for low-power WAN.

HATEM OUESLATI, CEO, IOTEROP



Alaska Device Management Platform

optimizes IoT operations on low-power WANs.



DEPLOY
assets and define devices, device groups, users, user groups, administrators, and operators.



MANAGE
devices remotely with diagnostics, logging, and troubleshooting using your own set of tests.



MONITOR
devices centrally using personalized dashboards and alerts.



UPDATE
devices (FOTA) automatically in bulk without impacting operations.



MONETIZE
services with flexible billing, including support and maintenance.

KEY FEATURES:

+Completeness: Full IoT lifecycle management from bootstrapping to de-commissioning.

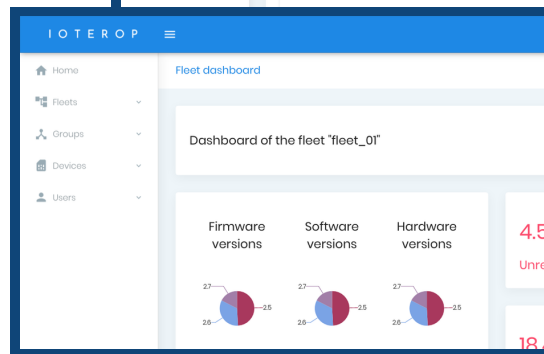
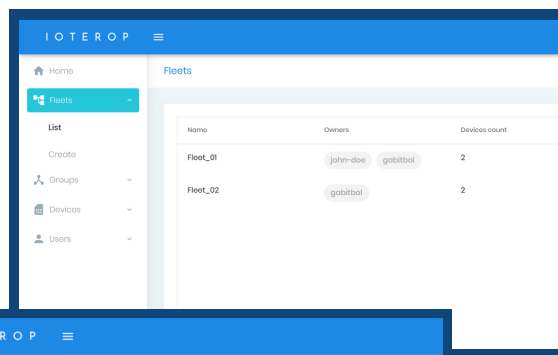
+Scalability: Micro-service architecture scales to need.

+Security: OSCORE, key provisioning, and end-to-end encryption and authentication optimized for constrained environments.

+Flexibility: Native front-end or leverage device management services via multi-tiered RESTful API.

+Abstraction: Partially or fully retransmit firmware upgrades, as required, never degrading operational capabilities.

+Standardized: The Open Mobile Alliance's Lightweight M2M device management protocol was specifically designed to support IoT deployments using low-power WAN.





ALASKA brings the latest componentized, microservice architecture to address efficient device management.

JACQUES BOURHIS, CTO, IOTEROP

ALASKA'S STORY

Alaska's origins date back to 2013 when IoTerop's co-founder David Navarro joined the Open Mobile Alliance as a contributor to the Lightweight M2M protocol.

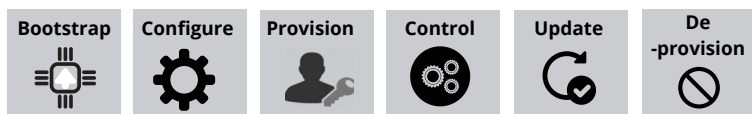
IoTerop's co-founders held a strong belief, "device management starts with efficient services on the device." The award-winning, IOWA SDK, addressed this challenge.

However, with each client engagement, it became clear, large-scale IoT deployments required specific services to manage operational costs. Nobody had created a device management platform optimized for the most constrained devices and low-power, wide-area networks.

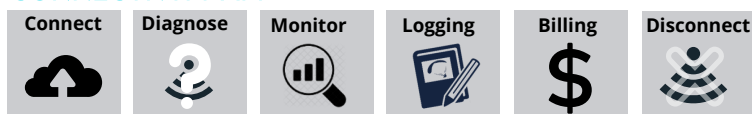
Alaska's exacting focus on reducing operational overhead is the culmination of man-decades of engineering experience and countless customer engagements.

ALASKA SERVICES

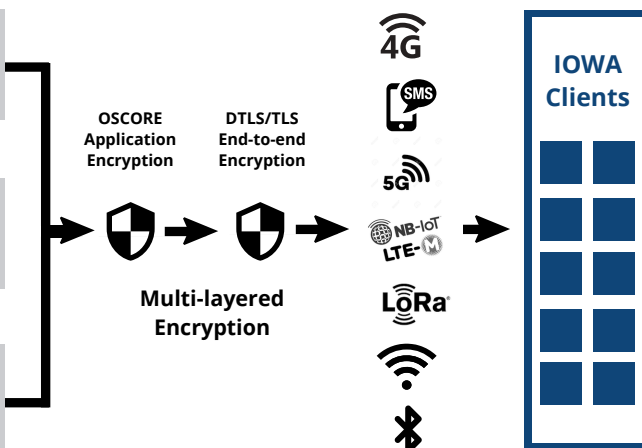
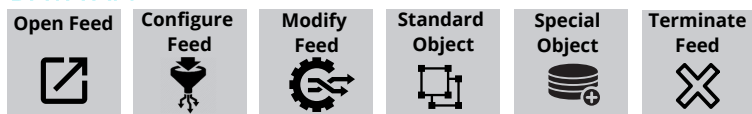
LIFECYCLE API



CONNECTIVITY API



DATA API



ABOUT IOTEROP:

IoTerop is an award-winning leader of IoT device management solutions used by industry visionaries on IoT deployments where cost management is strategic, and success is measured in the millions of devices.