

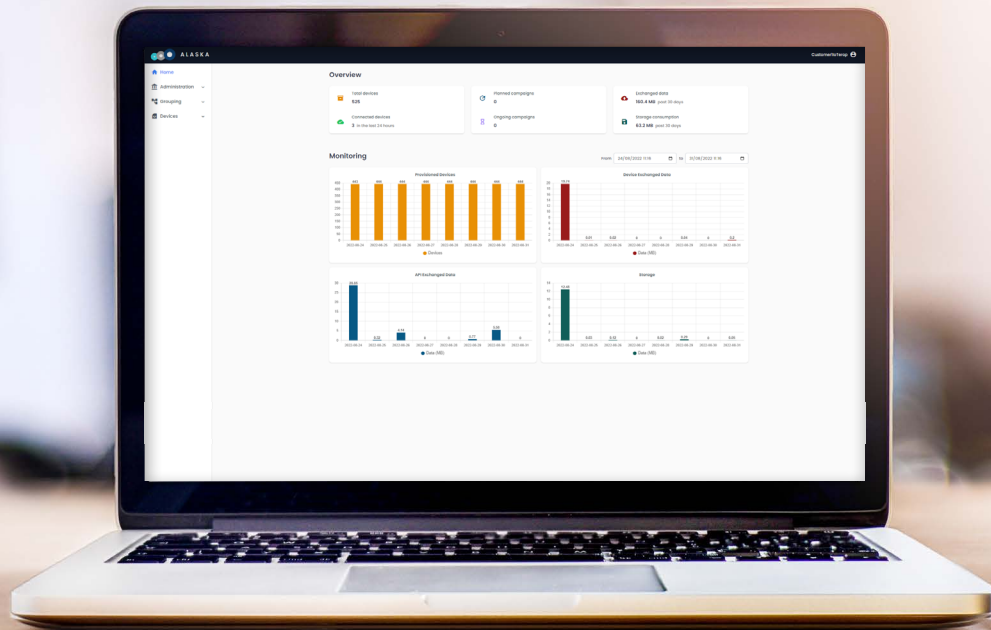


ALASKA

IoT Device Management Platform

Manage millions of IoT devices
with just a few clicks

IoT Terop's ALASKA cloud-based SaaS platform was created to make IoT device management accessible for everyone. It enables users to automate the entire life cycles of millions of devices – from commissioning to security to decommissioning – through a user-friendly interface or through seamless integration of our simple APIs into your platform. ALASKA was created to address a variety of business needs, including lowering communication bills, extending battery life, and lowering maintenance costs, even for the most resource-constrained devices. Best of all, it uses LwM2M or any other protocol to manage devices, all while ensuring interoperability.



Easily manage your IoT ecosystem



Deploy on open standards

Use ALASKA's native LwM2M to manage devices and connect to your business applications



Effortless device management

Manage configuration, data collection, security settings, and FOTA updates remotely



Hyper-scalable

Microservices architecture seamlessly scales to the needs of millions of devices



Device bootstrapping

On board your own security credentials upon the device's first connection



Flexible & affordable

Transparent pricing structure scales to your deployment requirements



Secure data transmission

All data sent uses TLS, DTLS, MTLS and OSCORE for link and application protection



Commercial confidence

Updates and features added regularly to address new industry needs



Lean protocols

Dramatically reduce data traffic and number of transmissions, and extend battery life



Specialized support

Highly specialized technical support from the team that built ALASKA



Connectivity agnostic

Manage devices, even on the slowest, most intermittent networks

ALASKA Tech Specs



Infrastructure

- Hyper-scalable platform, running on best-in-class Cloud environment
- Protocol abstraction layer ensuring heterogeneous fleet management over time
- Multi-tenancy support
- Support of security protocols for transport (TLS/DTLS) as well as application (OSCORE)



Protocol

- Supports LwM2M features up to 1.2; backwards compatible with versions 1.0 and 1.1
- Support of OMA, IPSO, uCIFI, and Custom Objects
- Optimized support for intermittent connectivity



Device Life Cycle Management

- Secure enrolling through bootstrapping process
- Device access management
- Device automated discovery
- Inventory management
- Customized mapping support
- Decommissioning and access revocation



Device Configuration & Maintenance

- Unitary and multiple FOTA support
- Telemetry support and ability to view data history
- Remote configuration through unitary and bulk operations
- Composite operations support
- Bulk provisioning and bulk configuration updates



Monitoring

- Configure monitoring schemes based on events triggered by device sensors information
- Define severity for each configured event
- Trigger notifications and actions based on configured monitoring

Unlock IoT device management with IOWA SDK

IoTerop's IOWA software development kit (SDK) was created to fast-track your IoT project timeline by empowering you to access IoT device management capabilities in less than 2 hours. Our super-efficient code stack features a highly-professional LwM2M implementation so that you can focus on managing your devices with ALASKA sooner.

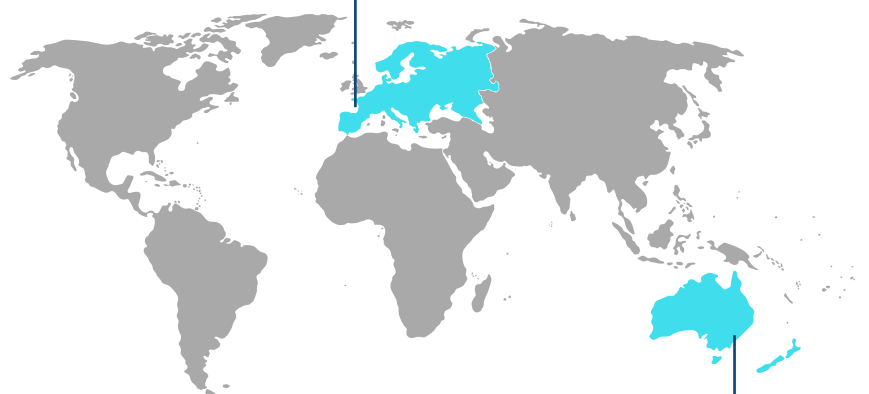
Contact us to learn more about why IOWA is the best LwM2M code stack on the market.



About Us

IoTerop is an award-winning software company dedicated to helping organizations build efficient IoT solutions. We pride ourselves on our leadership in LwM2M, comprehensive support, and ability to meet our individual customer's needs.

European HQ



Customer &
Sales Support

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