

PRODUCTS AND SERVICES

Kaloom provides innovative core and edge cloud data center networking solutions that run on OCP-compliant white box switches incorporating Intel's ground-breaking Tofino silicon and other P4 programmable hardware. Its solutions provide an innovative combination of fully-automated network fabric operations *and* cloud-native workload execution in a compact form factor and distributed via a logically unified fabric. This combination is well-designed for use in CSP and enterprise edge cloud deployments, as well as in centralized SDDCs. Its in-band telemetry filters packets for analysis based on both headers and content. It provides versatile control and management for its operations based on Netconf, YANG, standardized interfaces for 5G function integration, and standardized APIs for cloud management platform integration (such as Red Hat OpenShift). Offerings include:

- Software Defined Fabric™ for central and regional data centers
- Cloud Edge Fabric™ for edge data centers
- Virtual components: 5G User Plane Function (UPF) capable of fine-grained slicing and multi-TB/sec loads, switch, router, & gateway

KEY STRATEGIES

- Use open hardware and software at each level of solution to create versatility & agility in deployments.
- Leverage P4 programmability on heterogenous hardware to deliver scale, flexibility and longer HW lifecycles.
- Provide an innovative solution for traffic visibility, differentiated traffic management & analytics.
- Aggressively partner with technology category leaders in programmable switching, open source software and cloud network operations to create market entry points.
- Partner with leading SIs as channel partners for the enterprise market.

Key Customers

- Various stages of active trials with 10+ Tier 1 CSPs (Telcos & Data Center Operators)

Founded
2017

Kaloom provides CSPs and enterprises with a highly automated, virtualized data center networking and application software fabric, deployable from core to edge.

Ecosystem

- White box hardware platforms from Accton and Delta.
- Technology from Intel, Red Hat, & IBM.
- SI partnerships with CapGemini altran & Wipro for implementation & resale.

Montreal,
Quebec, Canada



ANALYSIS

- Kaloom is a profoundly innovative cloud and edge software networking start up staffed by engineers with deep experience in CSP and data center environments, and savvy in sophisticated packet forwarding and analytics.
- Its patented software architecture provides extremely fine-grained slicing and unusually robust information and control at the individual packet level, while supporting the massive scalability required by CSPs.
- Kaloom's offerings are extremely innovative and should provide highly cost-effective, agile 5G UPF, edge and core DC fabric solutions for CSPs.