

PRODUCTS AND SERVICES

- FRINX Machine is a software platform for network element configuration. It includes the open source UniConfig Framework for User Interface, workflow management, inventory and interface toolkit for multivendor network elements.
- Automates CPE mass configuration, self-service and health checks.
- Provides automation of access and core network equipment deployment for switches, routers, and wireless equipment.
- Includes CSP apps for dispatchers and installers for work orders, providing automated workflows to aid the technicians.
- Implemented with RESTful APIs. Work with NETCONF/YANG and CLI interfaces of multiple vendors.
- Includes workflow builder based on *Conductor* Netflix open source software. Used to create workflows of microservices for validation and configuration of network devices and services. Ships with a set of pre-built workflows.

KEY STRATEGIES

- Use open source software technologies, especially those developed by web-scale players, to provide to CSPs advanced network automation of provisioning via an advanced domain control system.
- Current focus is on IP/MPLS, Ethernet L2/3, VPNs, and SD-WAN. Plans to support cable DAA technology in the future.
- Reference implementations include:
 - Layer 2/3 VPN Provisioning for 20,000 customer circuits
 - IP/MPLS Core & Metro Ethernet for Cisco, Dasan, & Juniper
 - Metro Ethernet Business Services for Cisco, Ciena, & Juniper

Key Customers

Softbank
Vodafone
Ziggo
Facebook

Founded
2016

FRINX provides
network automation
software for workflow,
inventory, and network
control for
heterogeneous
physical/virtual
networks.

Ecosystem

- Ciena, Cisco, Huawei, & Juniper NEs
- NETCONF/YANG & CLI enabled network elements

Bratislava, Slovakia



ANALYSIS

- FRINX is a small software company with good credentials and credible reference implementations.
- The company makes use of the latest in software technologies from the Telecoms and Web-Scale companies, including: open source components, cloud native architectures, and intent-based networking.
- It is currently in the “project” stage of company maturity, seeking key projects, but has a good view of where its core competencies are, and seeks to stay within those areas that can benefit from its software platforms.