Communication Service Provider Solutions
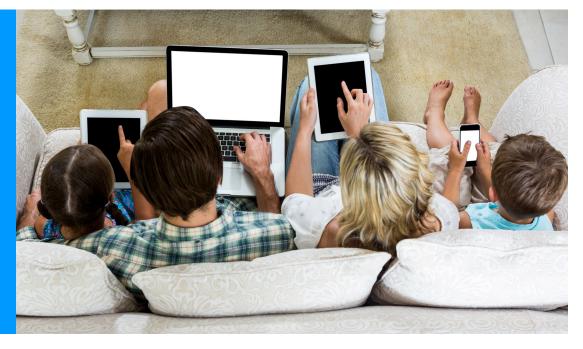
neutrino8™

Beyond Connectivity

To survive and thrive, Communication Service Providers (CSPs) must deliver reliable, secure connectivity and meet user expectations for high service levels, while dealing with the relentless pressure of razor-thin margins and high operational costs of access networks infrastructure.

neutrino8™'s AI-automated, cloud-delivered platform benefits CSPs by uniquely, dynamically, and simultaneously orchestrating wireless access networks across residential subscribers, enterprise and SMB customers. neutrino8's innovative solutions eliminate the need for the current paradigm of having to maintain multiple proprietary vendor silos, and continuously absorb the unnecessary duplication and high overhead OPEX and CAPEX costs these silos force on CSP business models.

More Revenue, Fewer Costs

Explicitly designed for CSPs, neutrino8's innovations in AI-automation and true SDN, gut operational complexity to help you realize up to 90% OPEX and 30x lower CAPEX. neutrino8 disrupts obsolete business models of proprietary vendors and further facilitates the rapid introduction of new, recurring, and profitable revenue streams through high-value, premium services — while simultaneously mitigating high OPEX drivers such as support costs via reductions in inbound call center calls and outgoing truck rolls.
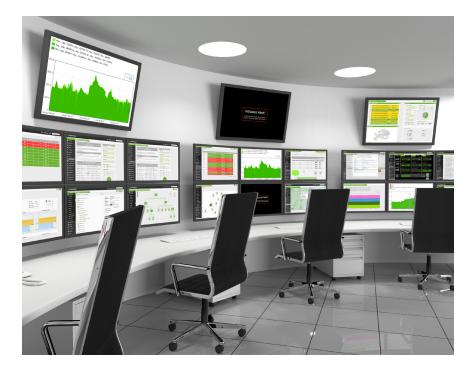
CSPs Win with neutrino8

With the neutrino8 solutions, CSPs have an opportunity to:

- Move network infrastructure to a platform business

- Deploy a cost-efficient, software-defined, web-scale architecture

- Be equipped to capture new revenue opportunities through AI and deep learning

- Efficiently and cost-effectively scale this same platform across residential, SMB and large enterprises

- Generate new sources of recurring revenues through high-value, premium services

- Increase customer retention by delivering personalized insight, promotional offers and overall better quality of experience

- Realize savings in support costs via reductions in inbound call center calls and outgoing "truck rolls"

- Leverage AI and true SDN to reduce operational complexity and by disrupting obsolete, proprietary business models, realize up to 30x lower CAPEX and up to 90% OPEX savings

Key Features:

- AI-engine core

- Extensible web-scale SDN edge-communication framework for heterogeneous data capture

- Lights-out, real-time cloud-delivered network orchestration

- Predictive and proactive network orchestration

- Real-time analytics at the user/device, edge access and system operation levels

- Client app for improved customer satisfaction, communication and higher value services

- Enterprise-class, multi-vendor edge access and Bluetooth IoT sensor networks

- Library of algorithms and data analytics tunable to network function virtualization and vertical applications

- Fast, easy, cloud-based network configuration and provisioning

- Built-in, enterprise-class security and user authentication

- Seamless, secure, automated authentication and connectivity

- Continuously optimized user quality of experience

- Dynamic operational scalability

- Exceptional reliability

- Leverage of industry standards high-speed, gigabit access and backhaul technologies

- Exceptionally cost-effective, hardware vendor-agnostic support of enterprise-class implementations of edge access systems that leverage the industry's leading reference-design SoCs from Qualcomm, Broadcom, and others

- GDPR-compliant

Additional IoT and Analytics Options:

- Asset and people tracking

- Precision indoor locationing

- User/device dwell times and locations

- Other industrial and environmental IoT sensor data such as temperature, soil acidity, etc.

A Universal Problem Solver

The neutrino8 CSP solution can be leveraged by any size CSP, whether local, regional, national or global operators, system integrators, or value-added resellers (VARs), at any scale of production deployment – consumer, residential, small- or medium-size business, or large-scale enterprise. It can be applied to any vertical market, from education, hospitality, retail, manufacturing to financial services, local, regional or national governments.

Better Service from Service Providers

neutrino8's blazeX™ app provides end users real-time visibility and insight into their own wireless access network, increasing customer quality of experience and satisfaction, while driving savings straight to your bottom line from reductions in expensive truck-rolls and in-bound call center calls. Moreover, customers can dynamically roam onto other neutrino8-enabled networks, where they can be automatically, securely and seamlessly authenticated and connected anywhere in the world.

neutrino8 provides an open API for CSPs, other local network operators, and third-party developers to create additional premium services and market them to their customers. CSPs can leverage neutrino8's growing global coverage, and offer their premium services to other end users of neutrino8-enabled networks.

Get started today

at neutrino8.com.