



PARTNER SOLUTION BRIEF

Connect and Safeguard Edge Networks at Scale

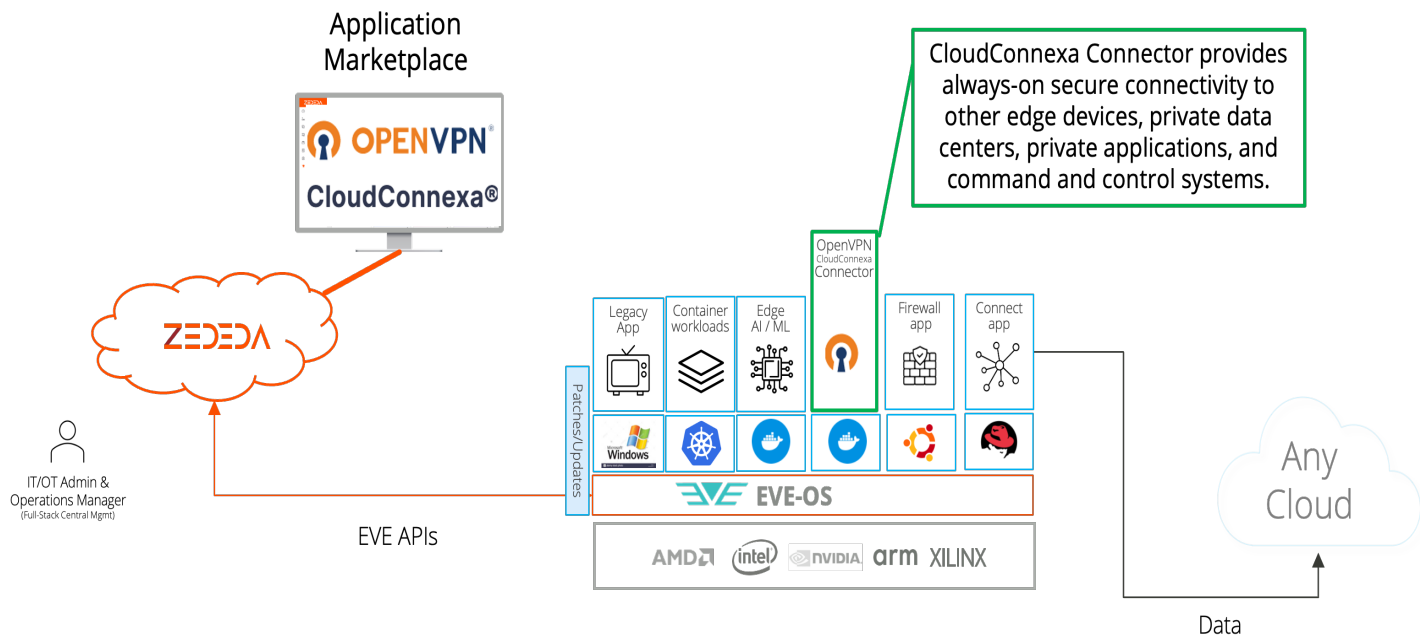
OpenVPN and ZEVEDA have teamed up to deliver a powerful security solution for the edge. This innovative service integrates content filtering, intrusion detection, and intrusion prevention, enabling organizations to establish a zero-trust secure overlay network with effortless deployment and management.



Ensuring secure operational technology (OT) connectivity presents a three-headed challenge. First, maintaining legacy hardware for secure connections can be expensive and inflexible, hindering scalability. Second, connecting edge networks with overlapping IP addresses is a complex routing challenge. Finally, the rise of targeted attacks on OT systems necessitates robust defenses that may not be readily available in these environments. These factors combine to create a complex security landscape for critical infrastructure.

OpenVPN enables organizations to truly safeguard their assets in a dynamic, cost-effective, and scalable way. CloudConnexa - OpenVPN's cloud-delivered service lets you quickly and easily connect your edge devices to other private networks and application servers, and allows users secure access to the edge network from anywhere. To make this possible, CloudConnexa leverages a multi-tenant worldwide network accessed through 30+ Points of Presence (PoP), vertical integration of advanced routing and network security technology, and a focus on delivering identity-based access control, allowing you to drive down costs, secure your business at scale, and provide a seamless experience for your team (no matter the size).

ZEDEDA delivers an open, distributed, cloud-native edge orchestration and management solution, simplifying the security and remote management of edge infrastructure and applications at scale. ZEDEDA leverages an open architecture built on EVE-OS, from the Linux Foundation. EVE-OS delivers an industry leading identity and software attestation workflow that ensures the device can be trusted and that the entire software stack is exactly as expected.



CloudConnexa Connector provides always-on secure connectivity to other edge devices, private data centers, private applications, and command and control systems.

Benefits of the Joint OpenVPN and ZEDEDA Solution

Secure Networking/ZTNA: Create a dedicated worldwide private overlay network from the edge to the cloud. Use it for remote access, site-to-site, or inter-device communications.

CyberShield: Protect remote access with an easy-to-use, customizable IDS/IPS and content filtering feature.

Application-Based Domain Routing: Domain name awareness combined with sophisticated routing logic helps you define routes to connected networks using domain names.

Full-Mesh Topology: Gain immediate access to one direct and multiple indirect routes to your applications and devices connected to any of the other PoPs with Worldwide PoPs fully mesh-connected to each other.

Device Identity and Access Control: Digital certificates identify devices and provide them with persistent IP addresses. Identity-based access control determines who can access what.

Point-and-Click Configuration: Use web-based administration and configuration wizards to quickly, easily, and economically connect private networks, devices, and servers.

Simplified Edge Management and Orchestration: ZEDEDATA provides centralized management and orchestration of edge devices, enabling administrators to remotely configure, monitor, and update hardware and applications.

Customer Experience

With nearly 20,000 business customers, OpenVPN provides cost-effective secure access solutions with seamless global connectivity, simple deployment in minutes, and features that enable organizations to capitalize on a zero trust framework. OpenVPN's Cloud Connexa, available on the global ZEDEDATA Marketplace, is a cloud-delivered secure networking service that implements OpenVPN tunneling protocol for network access, controlled by a robust policy engine. CloudConnexa incorporates built-in content filtering and IDS/IPS to create a secure overlay network that's easy for organizations to deploy and manage. The cloud-based tool is also designed to support essential zero trust network access (ZTNA) capabilities, enabling organizations to transition seamlessly from perimeter-based network access to ZTNA.

The OpenVPN and ZEDEDATA solution enables customers to effortlessly deploy and implement zero-trust enabled security policies on one edge node or across an entire fleet of edge devices. CloudConnexa Connector can be installed on edge nodes within a virtual machine in minutes via the ZEDEDATA Marketplace. The edge network security solution is ideal for:

- **Industrial IoT Deployments:** Connect edge devices, private data centers, and control systems securely without worrying about unauthorized access.
- **Multiple Networks:** Easily connect devices across multiple networks, regardless of overlapping IP addresses. This is especially useful for organizations with complex network setups or those managing multiple sites.
- **Persistent IP addressing for IoT devices:** Remotely access and manage your devices using a fixed IP address, simplifying device management.



Ready to Learn More?

Contact your OpenVPN or ZEDEDATA sales rep or reach out to sales@zededa.com or sales@openvpn.net.



CONTACT@ZEDEDATA.COM

About ZEDEDATA

ZEDEDATA makes edge computing effortless, open, and intrinsically secure – extending the cloud experience to the edge. ZEDEDATA reduces the cost of managing and orchestrating distributed edge infrastructure, while increasing visibility, security and control.

ZEDEDATA ensures extensibility and flexibility by leveraging a partner ecosystem, and EVE-OS, open-source Linux-based edge operating system.