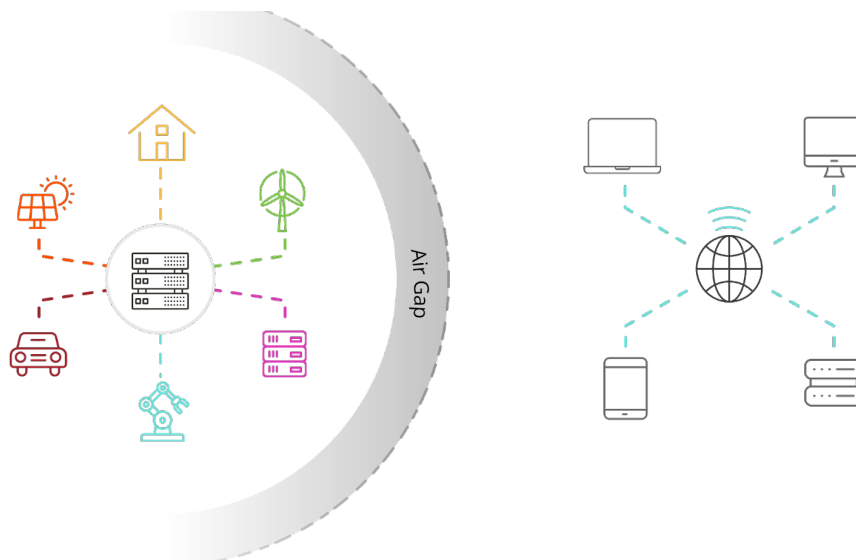


Management and Orchestration for Disconnected Environments

Despite advancements in connectivity at the edge, many edge deployments still confront numerous network connectivity challenges due to their distributed nature. Edge deployments often lack consistent cloud connectivity because of high-security air gapped environments, unreliable network connectivity, or frequent planned outages. A SaaS cloud management orchestrator may not always be accessible due to design or network environment issues. These deployments need a way to manage nodes while not actively connected to the cloud that doesn't compromise security and provides centralized management of their entire fleet without creating conflict when connectivity is reestablished.

ZEDEDA Edge Sync caters to customers deploying edge projects in air gapped environments, ultra-secure systems, or those facing connectivity challenges due to deployment constraints or frequent planned outages. An air gapped environment is a highly secure setup where a network or system is completely disconnected from the internet and other external networks. This isolation prevents unauthorized access and cyber threats from outside sources, ensuring the safety of sensitive data and systems.

Air gapped networks do not have access to any cloud services including ZEDEDA, and require a local management solution.

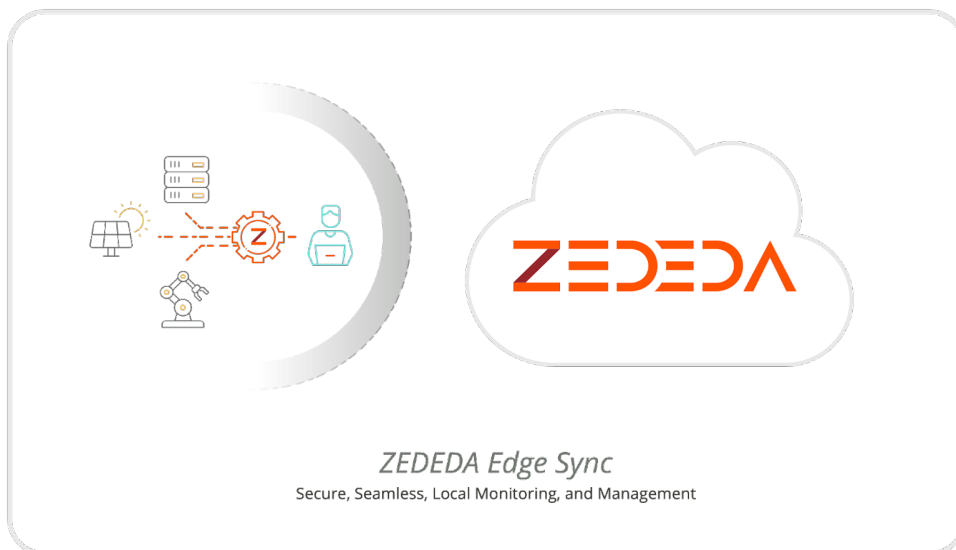


Management and Orchestration for Disconnected Environments

ZEDEDA Edge Sync is a secure and convenient management service that runs on an edge deployment's local network and is tailored for challenging edge environments. It gives users the ability to monitor and manage fleets of edge nodes locally, ensuring continuous and secure operation. Users can continue to securely manage their fleets, including configuration updates and monitoring, even when the connectivity to ZEDEDA is severed. ZEDEDA Edge Sync is the first edge solution that enables customers to manage deployments from the cloud and locally, providing the flexibility to move from air gapped environments to the cloud in the future.

ZEDEDA Edge Sync provides a management and monitoring API that enables customers to build their own custom integrations, applications, and HMI interfaces on top of it, leveraging ZEDEDA's API-based approach.

ZEDEDA Edge Sync ensures a single source of truth for configuration and once connectivity is restored, resumes seamless functionality again from the cloud. This ensures intermittent connectivity loss doesn't affect the core functionality of the edge deployment. It also provides a risk mitigated path for anyone who wants to plan a transition to the cloud while currently operating in an air gapped environment.





ZEDEDA ADVANTAGE



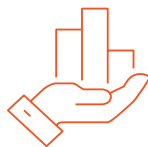
ZERO LIMITS

For edge infrastructure options, guest operating systems, applications, network configurations and clouds. Allows local access to edge deployments disconnected from the cloud or in air gapped environments.



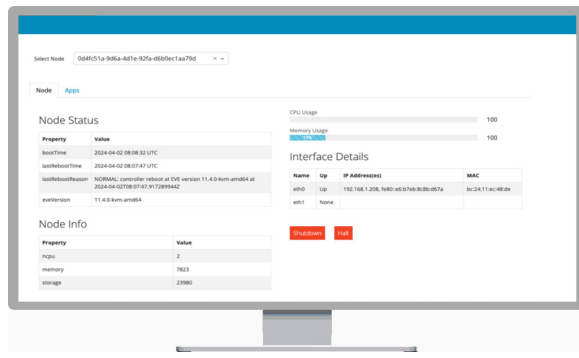
ZERO TOUCH

For deployments of edge infrastructure and applications, simplifying installation and bringing the experience of the cloud to distributed locations. No onsite expertise required for local management of edge devices.



ZERO TRUST

Security model addressing the unique, perimeter-less security challenges of edge infrastructure. Provides local operators with encrypted connections for managing edge devices and deployments. .



BENEFITS OF ZEDED A EDGE SYNC

Supports air gapped and intermittent connectivity environments

- Supports varying levels of disconnectedness, from occasional to constant, without imposing restrictions on functionality.
- Seamlessly transition between connected, disconnected, and air gapped states without disrupting operations or requiring manual intervention.
- Prevents split-brain scenarios. The cloud is always the single source of truth.

Low total cost of ownership

- Manage local edge deployments without requiring specialized expertise or hardware.
- Allows fleet-level management of air gapped and fully connected sites without the need for separate solutions based on network connectivity.
- Eliminates the need for expensive components to synchronize configurations from air gapped to cloud environments.

Fully customizable

- API support to craft a fully customizable local console for seamless management and monitoring.
- Management and monitoring API that enables customers to build their own. custom integrations, applications, and HMI interfaces on top of it.

Zero trust security

- Leverages ZEDEDA's secure orchestration infrastructure.
- Limits local access to authorized consoles, devices, and users only.
- Full encryption of user sessions.
- Security and system integrity are maintained even when not connected to ZEDEDA.

ZEDED A Edge Application Services

ZEDED A Edge Sync is part of a growing number of ZEDEDA Edge Application Services. ZEDEDA Edge Application Services are distributed, cloud-native, services simplifying the security and remote management of edge infrastructure and applications at scale.

ZEDED A Edge Application Services are built on ZEDEDA, which is delivered as a service and includes 24/7/365 support for the open source EVE-OS. ZEDEDA is available to enterprise customers, SIs and OEMs, with flexible deployment options.



CONTACT@ZEDED A.COM

About ZEDEDA

ZEDED A ensures extensibility and flexibility by utilizing an open partner ecosystem with a robust app marketplace. ZEDEDA leverages an open architecture built on EVE-OS, from the Linux Foundation. EVE-OS is a lightweight, open-source Linux-based edge operating system, with open orchestration APIs.