

Empowering Scale Charging

EV Station With Cabinet and Dispenser



System Requirements

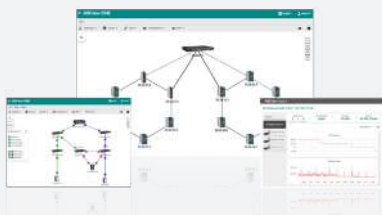
- The system must exhibit expandability to adeptly manage an increasing number of EVSE units, guaranteeing both cost-effective and sustainable charging operations
- The seamless integration of a centralized cabinet, dispenser, network reliability, central control not only enhances the user experience but also ensures the highest levels of safety and integrity
- The system should demonstrate adaptability to evolving EV technology, aligning with industry standards while providing consistently reliable and user-friendly charging services

Product Highlights



EDS-408A Series 8-port Managed Ethernet Switch

- Turbo Ring and Turbo Chain (recovery time < 20 ms @ 250 switches), and RSTP/STP for network redundancy
- IGMP Snooping, QoS, IEEE 802.1Q VLAN, and port-based VLAN supported
- Easy network management by web browser, CLI, Telnet/serial console, Windows utility, and ABC-01



Mxview One Series Industrial Network Management Platform

- Central management of configurations and firmware for Moxa devices
- Multiple options for events and notifications with self-defined threshold and duration

The key to success in EV charging lies in scalability and efficiency. The Scale EV Charging Station combines a cabinet and dispenser, transforming the way we charge our electric vehicles. An innovative approach lies at the heart of this: connecting all local Electric Vehicle Supply Equipment (EVSE) to a centralized cabinet. This concept improves operations and resource usage, reducing costs and promoting sustainability. Users can expect a seamless and intuitive experience with the integrated dispenser. The cabinet guarantees the safety and integrity of the charging infrastructure. This cohesive ecosystem meets the demands of today's EV landscape and enables scalable, efficient, and sustainable charging solutions.

Why Moxa

The EV charging sector cannot afford any downtime. For maximized uptime, Moxa's state-of-the-art Turbo Ring technology is revered industry-wide for its exceptional prowess in averting network disruptions. Turbo Ring's impressive track record includes swift network restoration in as little as 20 milliseconds, even on networks with up to 250 nodes. The EDS 408A Series, an industrial-grade managed Ethernet switch, is at the heart of this technological marvel, providing resilience and unwavering reliability. Simultaneously, Mxview One—an industrial network management platform—enables remote and automated discovery and visualization of network devices and physical connections. As an add-on solution in charging stations, it further enhances the management capabilities of Charging Point Operators (CPOs). Designed specifically for demanding environments, this robust solution guarantees uninterrupted performance, even in the most challenging conditions.

