Protecting the Operational Integrity of Your EV Chargers

Regardless of Cyber Events or Human Errors

EV chargers must cope with numerous security threats that can come from criminals, disgruntled employees, and even state-sponsored groups that can turn to cyberweapons. EV chargers manufacturers and CPOs (Charge Point Opertaors) must constantly ensure their EV chargers are operating as designed, configured, and calibrated.

NanoLock's zero-trust, device-level protection safeguards the operational integrity of your valuable assets to secure revenue streams and support business continuity.

NanoLock ensures EV chargers work as intended

NanoLock protects EV chargers against outsiders, insiders and supply chain cyber events, and even technician mistakes to maintain proper functionality and protect business continuity as well as the financial investment. With NanoLock protection, all modification attempts to alter critical code and data must be authenticated and authorized, before becoming operational, including those originating from inside the organization's network or utilizing access privileges.

Passive, device-level prevention for low-end and high-end devices

NanoLock's lightweight and impact-free protection has a small footprint and minimal energy requirements, making it ideal for devices with limited resources.

THE NANOLOCK ADVANTAGE

| Prevents outsider, insider and supply chain cyber events as well as human errors | Ensures operational integrity and safety by preventing unauthorized tampering | No performance or functionality impact. Near zero system requirements | Applicable to legacy and new EV chargers, regardless of the operating system |

Device visibility and management based on a trusted source within the device

NanoLock's Management of Things (MoT) is a cloud-based or on-premise management solution that provisions, monitors, and manages all NanoLock enabled EV chargers. The multi-vendor device visibility and management provides:

- Device-level security posture, alerts and analytics
- Authenticated and managed Over The Air and local updates
- Unique forensic data for further threat analysis

TAP INTO ONGOING OPERATIONAL INTEGRITY AND REVENUE PROTECTION

Prevent malicious and accidental manipulations and maintain EV chargers integrity, while mitigating a host of cyberattacks, before they cause harm to devices, customers, and business.

PRORECTING EVCS INFRASTRUCTURE

Trusted by critical infrastructure customers, NanoLock protection ensures compliance with international security standards and guidelines.

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About NanoLock

NanoLock Security revolutionizes the IoT/IIOT and connected device protection with a zero-trust, device-level prevention against outsiders, insiders, supply chain cyber events, and even technician mistakes. The winner of multiple prestigious industry awards, NanoLock is headquartered in Israel with offices in the US, Europe, and Japan.

AMERICAN CYBER AWARDS Winner 2020

TOP 10 BABY BLACK UNICORNS 2021 CYBER DEFENSE MAGAZINE

CYBERSECURITY BREAKTHROUGH AWARD 2020

EMERGING STARTUPS Tracxn