Trusted Energy Interoperability Alliance

From **what if?** to **what now?**

When fragmented standards threaten grid security

Regulators

Trusted Energy Interoperability Alliance

From **what if?** to **what now?**

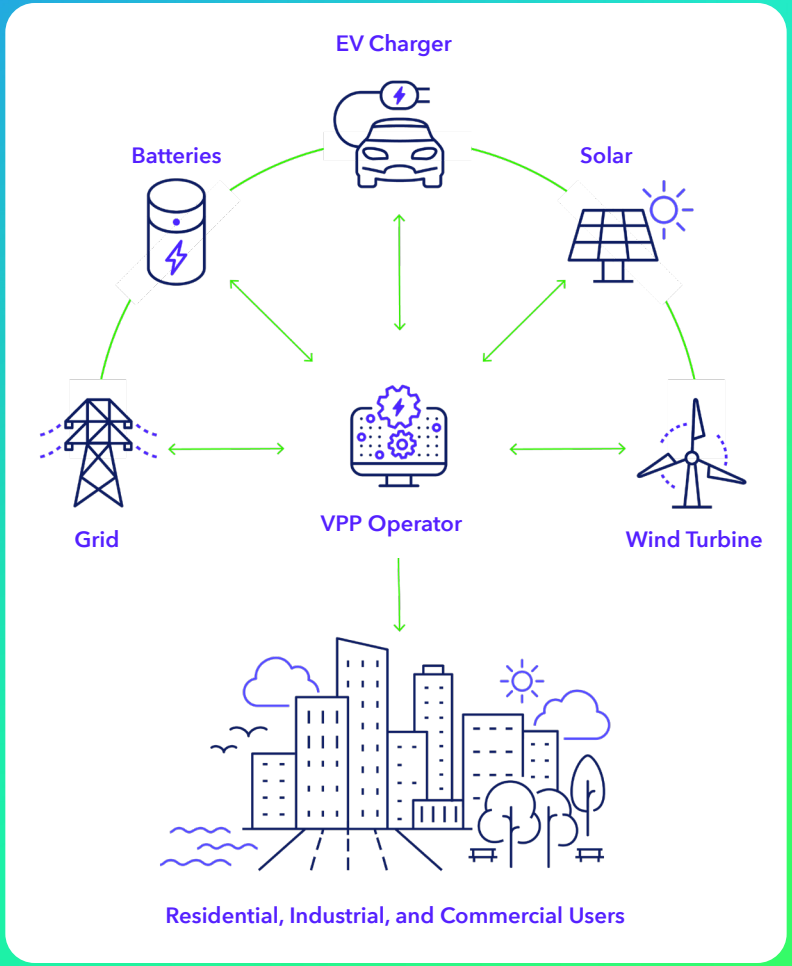
The false promise of compliance

Picture this

You're overseeing integration of 500k DERs across vendors, protocols, and platforms. All attest to compliance, but the audit reveals the opposite:

- Conflicting cybersecurity frameworks create inconsistent audit findings
- Vendor-specific implementations limit cross-platform verification
- Manual compliance oversight can't scale with device growth
- Inconsistent identity and access control exposes grid vulnerabilities

Protecting the grid becomes impossible without shared, enforceable and auditable standards.



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Regulators

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Traditional fix

Fragmented approaches don't scale

Regulators typically respond with vendor-specific mandates or patchwork requirements.

CONVENTIONAL PLAYBOOK	ACTUAL RESULT
Custom compliance frameworks	Limited comparability across audits
Per-device certification	Expensive administrative costs, slow approvals
Reactive security audits	Vulnerabilities discovered after exposure
Technology-specific rules	Stifles innovation, limits interoperability

These approaches create complexity instead of solving it.

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The TEIA way

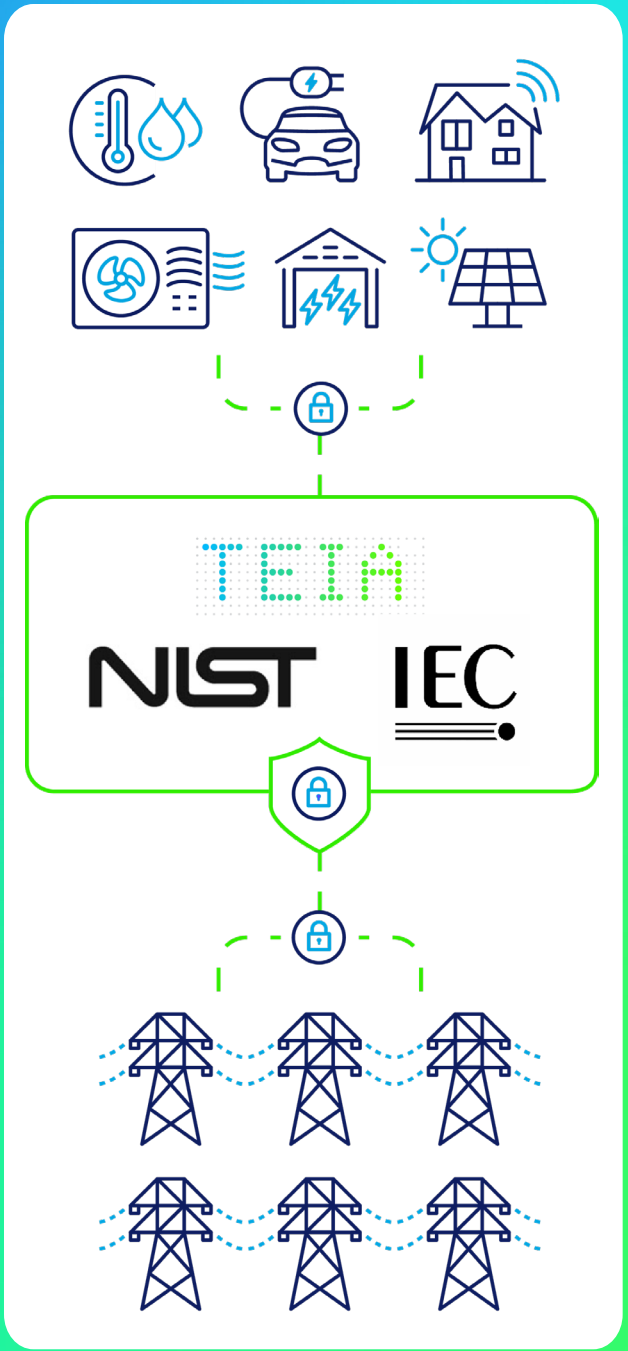
A foundation for regulatory confidence

Standards-based security
Built on established frameworks (NIST, IEC) for transparent compliance

Scalable oversight
Automated trust verification reduces manual auditing reliance

Future-proof governance
Adapts to emerging technologies, threats, and regulations

With TEIA, regulators gain a practical path to secure, interoperable energy systems without stifling innovation or reinforcing vendor lock-in.



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