ACE IoT
SOLUTIONS

VOLTTRON 2019

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About ACE IoT Solutions

Software Company founded in 2018 based in Chattanooga, Tennesee

ACE IoT Solutions leverages open source technologies, including the Eclipse VOLTTRON™ platform

We provide our customers with low cost approaches to acquire, access and manage data from distributed control systems and sensors.

Our founders led technical implementation for the largest municipal VOLTTRON deployment

Co-founded ACE IoT Solutions to support implementations of VOLTTRON platforms

intro: VOLTTRON™

U.S. Department of Energy sponsored OSS platform for "transactional energy"

framework for distributed sensing and control with built-in trust and security

by researchers for researchers, but oriented toward commercial adoption

VOLTTRON Value Proposition

An open-source platform with multiple open-interface implementations included

VOLTTRON Value Proposition

Extensive documentation available, with a growing ecosystem of users, and robust support from DOE

VOLTTRON Value Proposition

Security by design, accessible implementation of industry best practices

VOLTTRON Value Proposition

Operational assurance, engineered from the ground up to support co-existence of research and pilots with reliable operations

VOLTTRON Value Proposition

Rich application implementations across domains, including residential, campus and utility scale Demand Response (DR) and Distributed Energy Resources (DER)

VOLTTRON Value Proposition

Commercial partners available for support, training and Infrastructure-as-a-Service (IaaS) resources

What VOLTTRON Delivers

Manages and monitors operations and energy performance cost effectively

Integrates legacy and newer IoT deployments to unlock full value

Abstracts business logic from propietary systems for replicable DR and DER applications

Ensures reliability and comfort while enabling inovative collaborations with failsafe sandboxing

Accessible, YOU can do this

ACE's role in the VOLTTRON Ecosystem:

ACE IoT Solutions offers comprehensive support for VOLTTRON deployments for a variety of use cases

What's good for the ecosystem is good for ACE

How we've been working to build the Eclipse VOLTTRON Ecosystem

Regular blog posts to feature VOLTTRON capabilities and ecosystem members

Securing industry speaking opportunities to educate practitioners, for ACE and other ecosystem members

Contributing to efforts to deliver a more end-to-end business value package built on the VOLTTRON core

Recruiting new industries and companies to try VOLTTRON, with or without ACE support

Collaborating on Security efforts with the Lab and its partners, we view this as a key feature and differentiating factor for VOLTTRON

We believe that open-architecture, open-standard, open-interface systems are going to transform the energy industry, enabling a sustainable future

We want to help usher in that future, using VOLTTRON

How can we help you?

Thank You

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