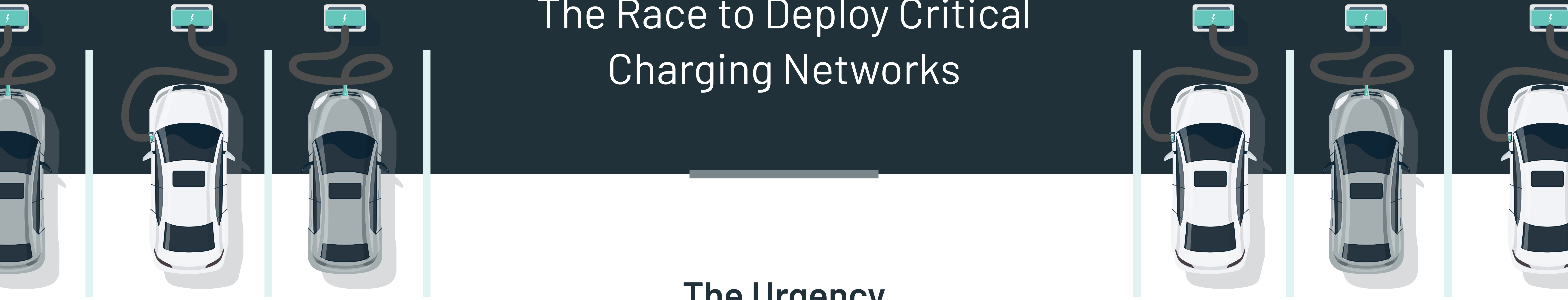


Electrifying Mobility

The Race to Deploy Critical Charging Networks



The Urgency

As the mass adoption of electric vehicles continues to see aggressive global growth, nations are working to rapidly develop charging networks to make the vision of an electrified future a reality.

2030 Global Targets



USA
500,000
public charging stations
about 10 TIMES the number of public stations as of 2022

APAC
60,000
charging stations in Singapore
compared to just 1,900 AS OF EARLY 2022

Europe
6.8m
public charging stations
600% INCREASE of the 2021 weekly installation rate

But volume breeds complexity.

From developers to asset managers, players across this space are encountering countless challenges in managing the deployment of this critical infrastructure which is delaying the achievement of key milestones.

The Challenges

Let's explore some of the top challenges facing the deployment of EV charging infrastructure today.

01 — Public EV charging stations involve real estate, and they're not making more of it. Companies are racing to identify and secure the best spots and build out quickly amid what amounts to a land grab for public-charging locations.

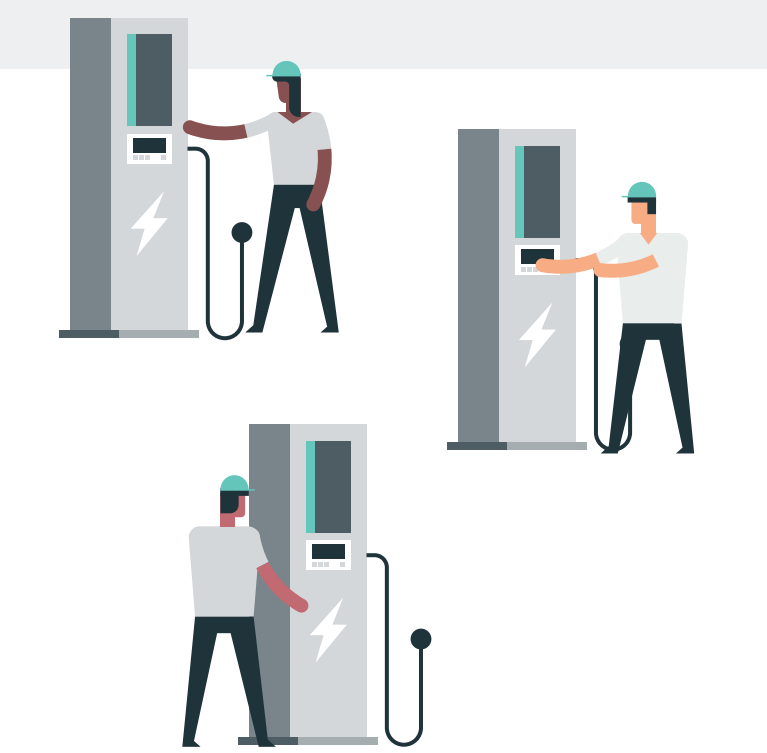
02 — Installation activities among customers, contractors, utilities, and government entities are diverse, and they're difficult to coordinate and quality-assure.

03 — Permitting and easement processes add uncertainty to deployments.

04 — Financing comes from many sources, often including federal and state grants, with differing requirements around reporting.

05 — Qualified staff and contractors are hard to find and retain.

06 — Supply chain issues can put schedules at risk.



The Solutions

Deployment operations management solutions are already being used by some of the country's biggest electric vehicle network operators. These systems address these challenges in several ways.

Templates enable standardization based on industry-wide and organization-specific best practices. This cuts redundancy, avoids mistakes, and speeds up work to shorten project timelines.

Cloud-based architectures provide a centralized data pool that provides a single source of truth for everyone from field techs all the way up to top management.

Centralized data models enable real-time tracking and powerful reporting across the parties and activities involved, including outside contractors. That tracking extends to maintenance, helping prioritize fixes and shorten response times.

Data amassed from past and current deployments improve forecasting across a portfolio of EV charging station installations.

Sophisticated budgeting and finance functionality smooths the project-finance process and makes it easier to manage the different requirements of various funding sources.

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