



When Illinois Buildings Need More Power Than the Grid Can Deliver

Battery energy storage + intelligent controls can unlock flexible power capacity at the building level.

Vienna Zhou / CEO & Founder, TROES



Illinois Is Electrifying — And Buildings Need More Flexible Power

1M

EVs targeted on Illinois roads by 2030

~590 MW

In-service data center demand in ComEd territory in 2025

~\$330/MW-day

2026/27 PJM capacity price, up from ~\$29/MW-day in 2024/25

Illinois needs more power, faster — creating a growing role for flexible, distributed energy resources.

Illinois Is Backing Energy Storage with Incentives & Procurement

\$300/kWh

Illinois distributed storage rebate through 2029*

Up to 30%

Federal Clean Electricity Investment Credit for eligible energy storage*

1,038 MW

Initial Illinois standalone storage procurement

*Subject to applicable project eligibility, program, dispatch and federal requirements.

Storage is moving from a grid strategy to an investable building-level solution.

WHY MICROGRIDS ARE HARD TO SCALE

Every project becomes a one-off integration effort



01

Every Site Is Different

Unique site | Different loads | Custom design



02

Too Many Parties & Systems to Coordinate

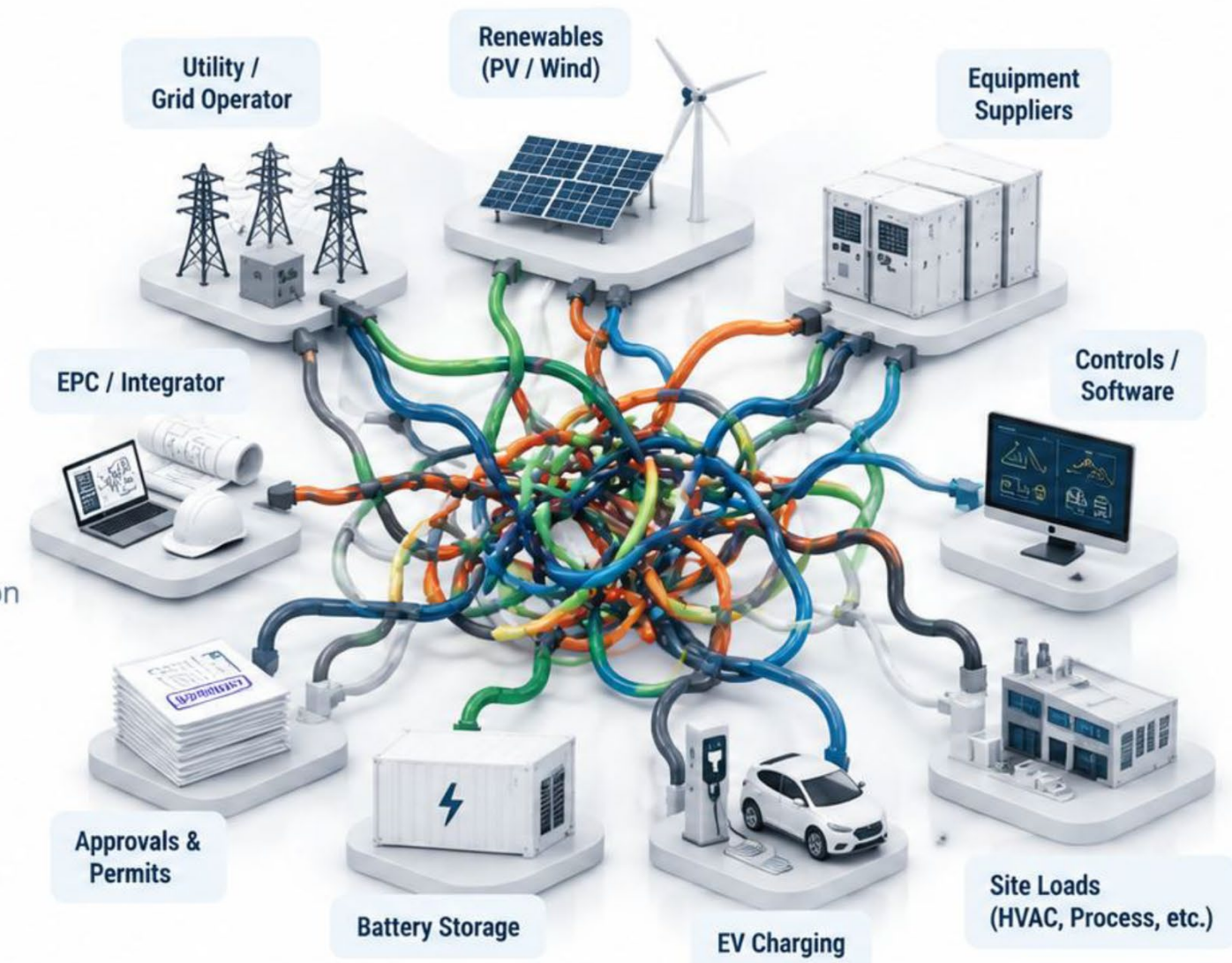
Multiple parties | Multiple systems | Complex integration



03

Too Long to Prove ROI

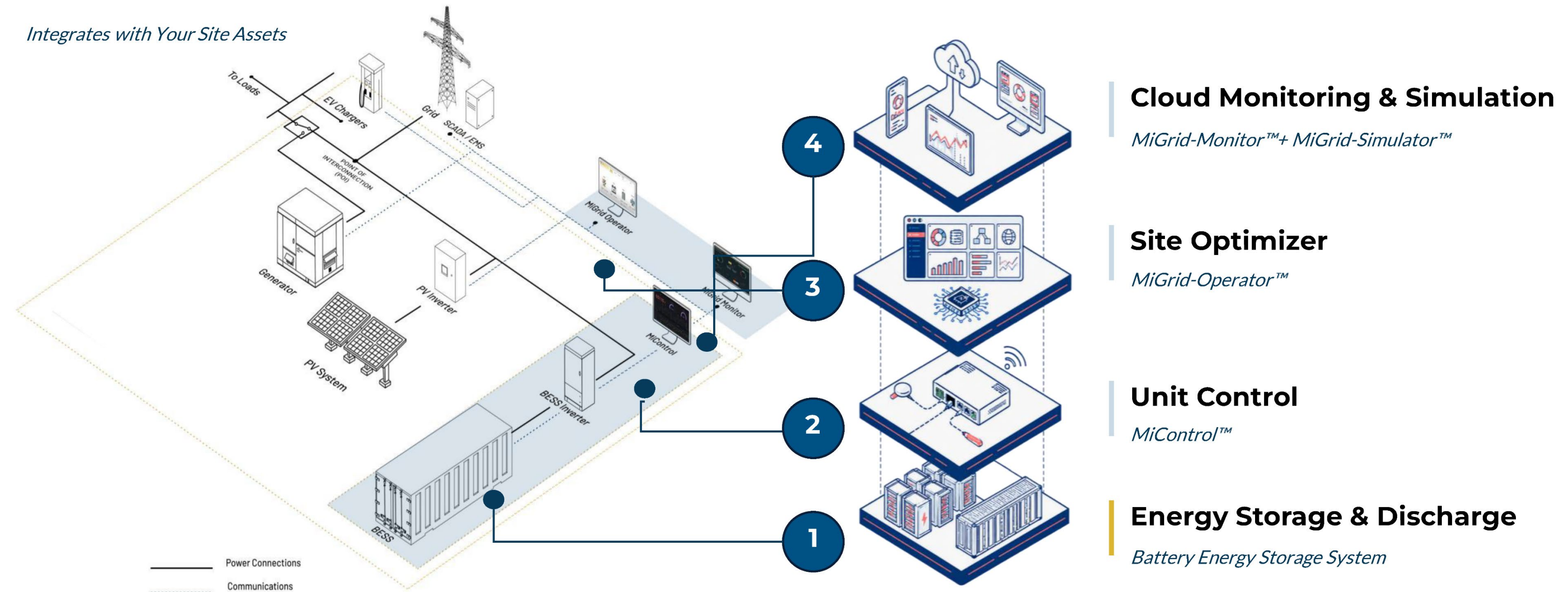
Slow sizing | Slow analysis | Slow payback validation



The Result: Microgrid Opportunities remain highly customized, expensive to evaluate, and difficult to scale

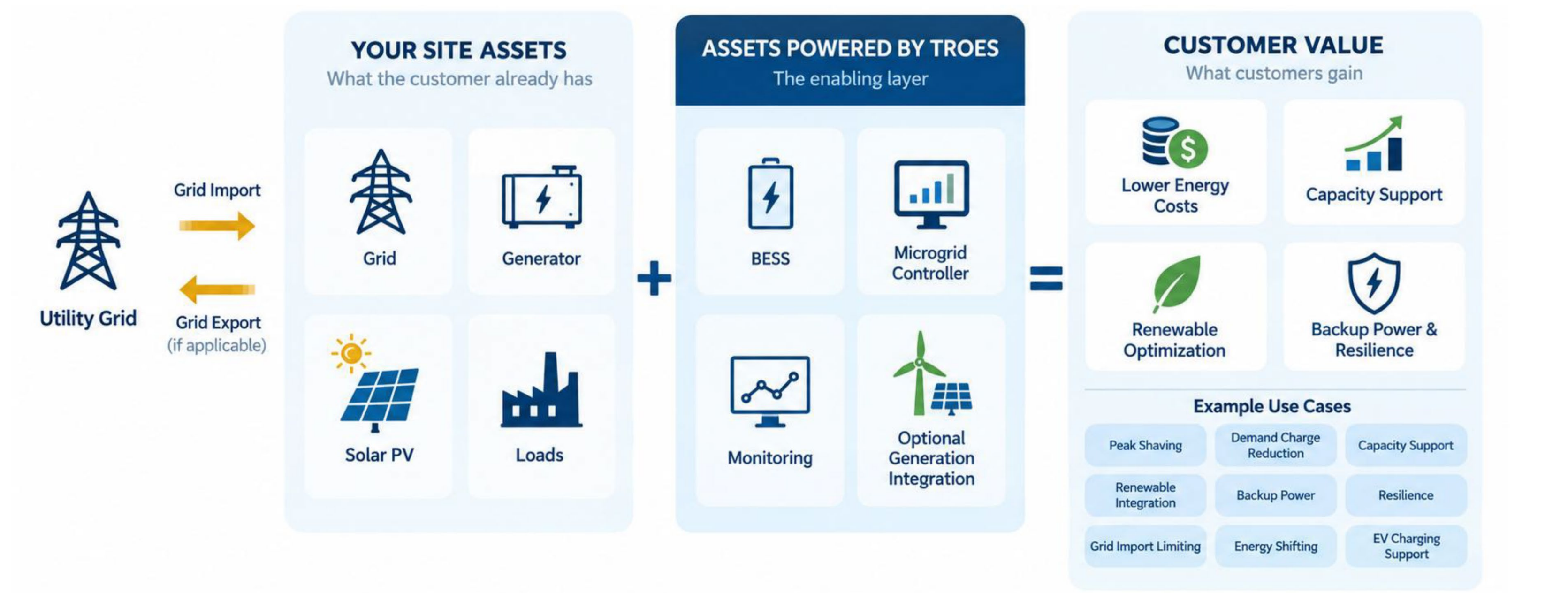
Microgrid-in-a-Box™ - A Complete, Ready-to-Deploy Microgrid Solution

Modular | Pre-Engineered | Vendor-Agnostic



One integrated product. Configured to your site. Ready to deploy

Turn Existing Assets Into Flexible Capacity, Savings And Resiliency



Proven in Illinois: University Solar + Storage Microgrid



100 kW / 222 kWh

Battery Energy Storage System

Solar + BESS

Renewable Energy Integration

The Challenge

Integrate on-site solar with battery storage to improve energy flexibility, manage electricity use and enhance campus resilience.

The Solution

TROES integrated battery storage with solar generation and intelligent microgrid controls to coordinate energy at the site level.

Turn TROES Technology Into Saving and Revenue

Who we work with

Solution Integrators

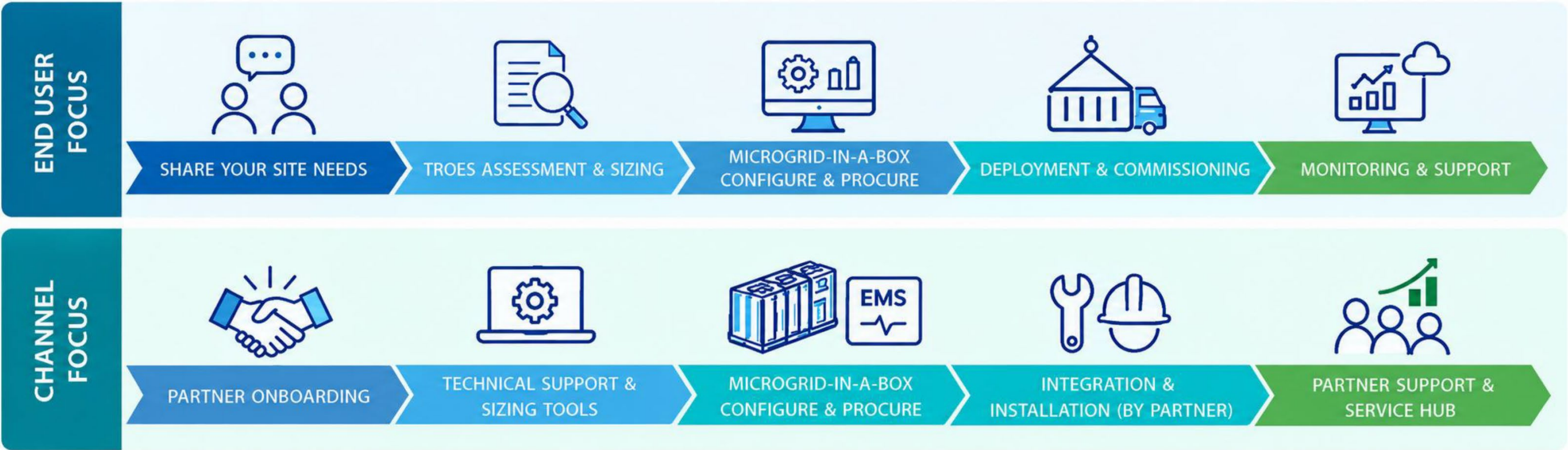
Engineering Firms

Distributors

Project Developers

End Users

How To Work With Us



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