

STRATA GRID

Strata Grid is our highly flexible and scalable DERMS software platform designed to operate within the utility Operational Technology (OT) environment. It provides failsafe autonomous management and control of diverse Distributed Energy Resources and is enabling utilities to transition to a modern DSO/DSP capable of accelerating our path to net zero.

Our unique, patented, and field-proven approach to DERMS leverages our suite of advanced control technologies to continuously deliver deterministic sub-second DER control, pragmatically addressing the model and data challenges of using a full load flow model in an operational environment. Strata Grid supports preventative ahead-of-time control using grid analytics and scheduling and dispatch to manage DER, either through direct control via the OT interface, or indirectly via API interfaces and public internet. This combination of leading control methods means that Strata Grid can manage all sizes and types of DER in wide geographical locations across multiple time horizons. It accelerates DER integration and unlocks their stacked benefits while ensuring secure grid operations.

Transition to a DSO/DSP and accelerate net zero

- Manage hosting capacity in real-time through real-time corrective control actions based on critical measurements, supported by the network model
- Enable diverse DER participation models including wholesale, grid services, and flexibility markets such as FERC 2222 in the US
- Integrate with a wide variety of utility OT systems (ADMS/SCADA, Historian, BI Tools)
- Communicate with individual or grouped assets using a variety of protocols that scale to millions of devices

SOLUTIONS

» GRID CAPACITY MANAGEMENT

Solutions for bi-directional power flows, voltage management, and other hosting capacity limitations created by utility scale and residential distributed generation.

» FLEXIBLE INTERCONNECTIONS

Solutions to accelerate DER penetration by offering quicker and less expensive grid connections to utility scale, front-of-the-meter, or behind-the-meter DERs.

» NON-WIRES ALTERNATIVES

Solutions to implement alternatives to grid asset upgrades by managing customer assets for load relief.

» FLEXIBILITY SERVICES MANAGEMENT

Integrated solutions for DSOs/DSPs to manage customer-provided flexibility services.

» MICROGRID Management

Solutions to manage local microgrids that are providing localized energy security and grid services.

» DEMAND RESPONSE

Solutions to delivery utility programs to mitigate peak loading events.

CUSTOMERS



smarter
grid solutions