

DERMS from Smarter Grid Solutions

Smarter Grid Solutions is an enterprise software developer with a DERMS suite of products, fulfilling the needs of Utilities, Aggregators and Grid Edge customers.

Distributed Energy Resource Management Systems (DERMS) are software platforms and applications that help integrate renewables and Distributed Energy Resources (DER) onto the grid and into markets. DERMS is not a single product but rather an integrated suite of sub-systems and components to fit the unique needs of customers (e.g. Utility, Aggregator/VPP, Microgrid).

Not all DERMS systems are created equal

There are several types of DERMS for which general requirements are becoming more standardized. The Smart Electric Power Alliance (SEPA) lists 700+ requirements including:

- Reporting
- Constraint Management
- Forecasting
- Cybersecurity
- Monitoring
- Control

Most current DERMS come from one of two worlds: ADMS or DRMS. In contrast, SGS started from the DER interconnection challenge - this created the necessary integration between the worlds of DER and ADMS whilst enabling the new capabilities and functionality to manage a diverse range of current, emerging and future energy assets, and use cases, including from the world of DRMS.

While other DERMS vendors focus on one specific DER management application area (e.g. demand response, virtual power plant, distribution management), SGS offers four distinct DERMS products, leveraging common technology components, each capable of being deployed independently as end-to-end solutions or integrated with each other to deliver whole system DER management capabilities.

Ask us how we are creating value for our customers:



DERMS for Utilities

Seamlessly integrating, controlling and optimizing DER of any type and size in any location so that wires utilities can monitor and manage DER.



DERMS for Aggregators

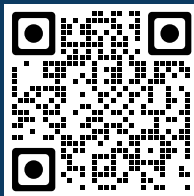
Remotely and automatically optimizing DER dispatch, connecting diverse DER assets and fleets to owners, operators, aggregators and traders to maximize the returns from energy management, grid flexibility services and markets.



DERMS for Microgrids

Software-based microgrid manager that delivers grid connected, island and black start operations while optimizing the value of microgrid assets for customers through grids and market integration. Strata Resilience delivers the core capabilities of DER microgrid management.

Download our whitepapers here:



Speak to our team
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