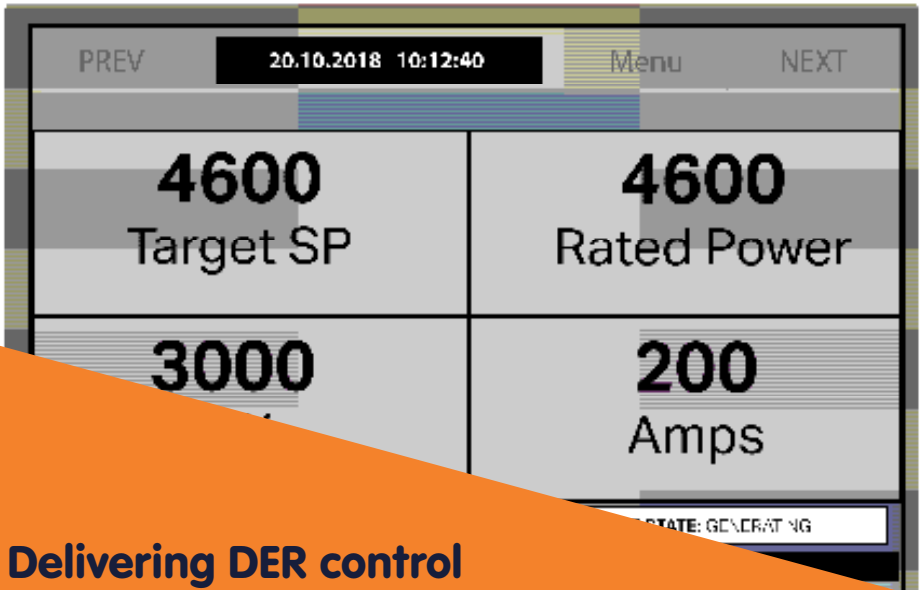# ELEMENT GRID

Software for real time monitoring and control of DER at the grid edge to manage grid integration through Utility DERMS (Strata Grid) or Microgrid (Strata Resilience) products.

Element Grid is the configurable software solution to enable smarter monitoring and control of DER and network assets at the grid edge.

Delivering DER control at the Grid Edge

Key features include

- Standalone local control for export limiting, locally managed interconnection or the integration point for DER assets to ANM Strata
- Grid edge interface for scheduling, dispatch, visibility and data collection
- Local control with fixed owner schedule, direct dispatch or site/local constraints and objectives
- Interface and protocol options to DER control systems
- Flexible deployment options for end node devices

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SOLUTIONS

» RENEWABLE AND DISTRIBUTED GENERATION

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

» BATTERIES

Solutions for network optimisation, revenue optimisation and revenue stacking of utility scale and residential batteries.

» ELECTRIC VEHICLES

Solutions for off-street commercial and residential charging infrastructure connections.

» LOAD GROWTH AND NON-WIRES ALTERNATIVES

Solutions for utilities to implement flexibility services / non-wires alternatives.

» VIRTUAL POWER PLANTS

Solutions for DER Owners and Operators to interface DER to electricity markets.

» MICROGRIDS

Solutions to optimise mixed DER sites as interconnected or non-interconnected microgrids.

» ENERGY AS A SERVICE

Solutions to enable new business models, combining and optimising mixed portfolios of DER assets for grid and market applications

CUSTOMERS

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