

Demand Response Solutions & Virtual Power Systems

White-label Solutions for
Utilities & Grid Operators



Demand Response and Virtual Power Systems

Entelios' solution DR-as-a-Service (DRaaS™) is a cloud-based offering for harnessing flexibility & managing electrical consumption including loads, storage, distributed generation in near real-time. It enables businesses to exploit the flexibility inherent in their operations.



*Entelios
– the global
DR innovator ..."*

Modular Smart Grid Solutions for Utilities and Grid Operators

Entelios offers a comprehensive solution for the management and commercialization of decentralized energy resources. Integrated hardware and software systems are complemented by a variety of consulting and operational services that can be tailored to your needs.

BUSINESSES

Entelios integrates flexible industrial and commercial loads, storage and generation into the power markets.

We analyze the flexibility potential in your processes and transform it, using our experience and know-how, into real revenue for you.

Working in close cooperation with your company, we perfect a strategy to offer you the highest added value in different markets, including balancing power, capacity, and the power markets.

GRID OPERATORS

Entelios offers grid operators technology and services for the intelligent management of decentralized energy resource flexibility (loads, storage and generation).

Entelios' DR-as-a-Service (DRaaS™) supports grid operators in integrating often locally concentrated and fluctuating renewable energy sources.

DR improves security of supply and alleviates congestion in your distribution area, providing a rapid and low cost alternative to grid expansion.

UTILITIES

Entelios offers utilities comprehensive and modular services to successfully set up and operate their own Demand Response programs.

Entelios' structured approach was developed and proven in practice by designing and implementing major utilities' Demand Response products.

These services are bolstered by the operational experience Entelios gained through operating its own DR and Virtual Power System programs for over three years.

YOUR BENEFITS

For industrial, commercial & municipal power customers

- Commercializing your flexibility increases your earnings, adds to your reputation and supports brand building

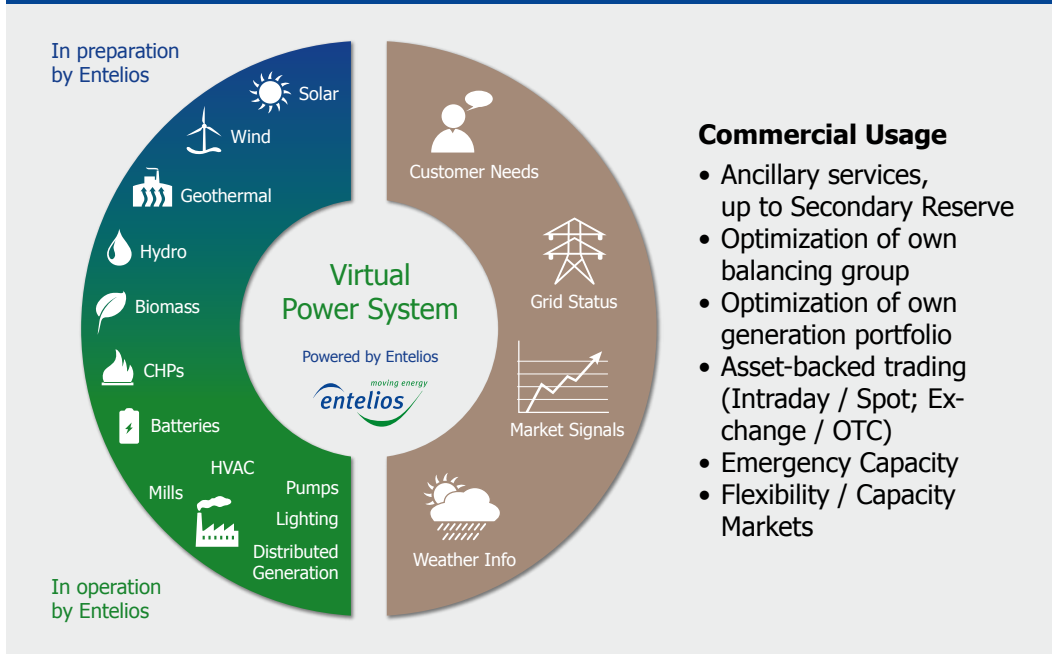
For operators of renewable energy facilities

- Provides for counterbalance capabilities to wind and solar facilities

For utilities and service providers

- Enables differentiation and builds relevance through innovative energy services for your B2B customers

TURNKEY DEMAND RESPONSE SOLUTION



YOUR FEATURES

With its leading solution suite & operational capabilities, Entelios offers automated DR-as-a-Service (DRaaS™)

- Real-time core Demand Response engine
- DR solution, including pool concept, optimization and forecasting
- Precision dispatch event planning (minimally invasive DR)
- Fully automated pooling up to secondary control reserve (ancillary services)
- Modular architecture, based on international industry standards
- Built-in robustness and industry-class security
- Supports major open smart grid interoperability standards via the E-Box™
- Web-based interfaces for local, fully hosted or cloud deployments
- Highest flexibility to integrate into legacy systems (e.g. SAP Hana, Oracle Exadata)
- Fully automated workflow support incl. dispatch, billing & settlement

ABOUT ENTELIOS

Entelios is the leading European energy management solution provider for the management of decentralized energy resources in the industrial, commercial, and institutional sectors. Entelios' customers are energy companies (including retailers, ESCOs, transmission & distribution system operators, traders, and power producers) that are looking to provide their B2B customers with innovative, value-adding energy services, or to enhance grid and supply stability, through Demand Response (DR).

As one of the first DR aggregators and white-label DR solution providers in Europe, Entelios has been building operational expertise in Demand Response since 2010. Entelios is a founding member of the Smart Energy Demand Coalition (SEDC).