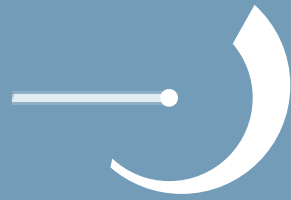


Realtime Interface version 2.0

The combination of IEC 61850 data model / services and WebSocket protocol

Why this matters

- ✓ Ensures full vendor-independence across both hardware and software layers
- ✓ Decouples from national or proprietary implementations, enabling seamless integration across diverse system landscapes
- ✓ Builds on globally adopted Internet and Web standards, ensuring long-term interoperability and future-proof applicability
- ✓ Implements “security by design” principles fully aligned with the EU NIS2 Directive, and related cybersecurity frameworks
- ✓ Delivers inherent technical and functional scalability, supporting deployments to different system configurations
- ✓ Leverages mainstream, widely adopted technologies familiar to today’s software engineering workforce
- ✓ Fully compatible with modern IT educational frameworks, ensuring alignment with current professional training, and curriculum standards
- ✓ Provides a unified digital interface applicable before and behind the power meter, supporting end-to-end digitalization strategies
- ✓ Abstracts all behind-the-meter complexity at the Point of Common Coupling (PCC), enabling consistent and secure grid interaction
- ✓ Reuses the proven IEC 61850 data models, services, and engineering ecosystem, and adds an optional messaging standard — the combining standardization strengths with modern web-based architecture



*Realtime***Interface**