Elster EnergyICT's proven EIServer Smart Data platform supports the entire smart data flow, from multi-vendor meter data collection and scalable meter data management to smart operational analytics.

A lean architecture and extensive API enables easy customization and flexible integration in any enterprise landscape. Customers can deploy more rapidly and cost-effective using pre-built connectors and built-in support for standards like CIM.

EIServer Smart Data was designed for high performance and cost-effective scaling, enabling utilities to lower their operational costs through powerful automation and smart scalable operations. Data from any source is collected, validated, unified and exchanged with high accuracy and fully automated. Operators monitor KPI's and are notified by any exception in the smart data flow, enabling true smart and cost-effective operations at full roll-out scale.
Elster EnergyICT’s smart data solutions

Elster provides turnkey Smart Grid solutions powered by the Elster Smart Data platform.

Elster Smart Data supports the entire smart data flow, from multi-vendor meter data collection and scalable meter data management to smart operational analytics.

Key features

- High performance data acquisition & processing
- Cost-effective scaling to millions of meters
- Ability to scale up with a single system
- Ability to scale out (distributed system)
- Lean and open architecture, SOA enabled
- Powerful API supporting full customization
- Multi-vendor, multi-architecture
- Validated for CIM IEC 61968 interoperability
- Business process automation
- SaaS deployments as alternative to on-premises

Smart data unification platform

- Supports C&I and/or residential applications
- Powerful data aggregation & unification
- Rule-based validation, editing & estimation
- Full security & SOX compliance
- Default headend connectors like EnergyAxis
- Default enterprise connectors like SAP MDUS
- Default market connectors like P4
- Industry-standard connectors like CIM IEC 61968
- Smart data analytics, custom reports
- Extended apps: prepay, settlement, market interaction
- Vertical solutions: Water, Gas, Electricity, Multi-utility

Scalable meter data management

- Multi-vendor meter data collection, C&I + smart meters
- Supports already over 150 different meter protocols
- Meter protocol on demand development services
- Unified meter data collection – in push or pull mode
- Directly reading meters or concentrators
- AMI headend connectors
- Handling high volumes of data transfer
- Scale out with distributed data collection
- Flexible transport layer options (GPRS/IP/PSTN/X25...)

Multi-vendor meter data collection

- Easy-to-use web-based meter operations
- User centric approach
- Manage by exception concept
- Monitor communication KPIs
- Monitor data collection KPIs
- Monitor data validation KPIs
- Drill down in specific issues
- Alarm management & escalation