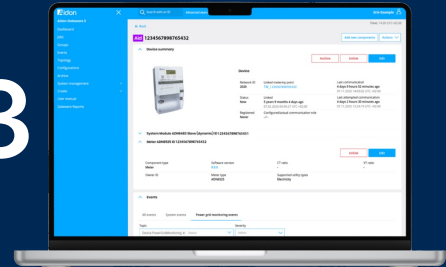


Aidon Gateway 3

Empowering smart metering operations



Solving Key Challenges for DSOs

Distribution System Operators (DSOs) are navigating an increasingly complex energy landscape characterised by fragmented data across systems and vendors, limited scalability in legacy infrastructures, and growing security demands. Operational inefficiencies from manual processes, combined with the rising need to integrate electricity, water, heating, and cooling metering, further intensify the pressure to modernise.

Aidon Gateway 3 meets these challenges with a **unified, scalable, and secure Head-End System (HES)** designed for modern AMI (Automated Metering Infrastructure) environments. It streamlines operations, improves data visibility, and future-proofs metering infrastructure.

Introducing Aidon Gateway

Aidon Gateway 3 is a **robust HES platform at the core of Aidon's AMI solutions**. It collects, processes, and distributes metering data, event logs, and device statuses across electricity, water, heating, and cooling networks.

Built for flexibility, Gateway enables service providers to **manage multiple utilities within a single system** while supporting both Aidon and third-party devices. Its integration-driven architecture ensures smooth connectivity with CIS, MDMS, DMS, and other enterprise platforms. Available as an on-premises solution or a hosted SaaS model, Gateway scales effortlessly from small deployments to infrastructures managing hundreds of thousands of meters.

What sets Gateway apart is its **modular design and proven performance** in remote metering operations. With proven reliability and over 80 deployments, Gateway combines secure performance with advanced LV-grid insights such as transformer station monitoring and feeder line measurement. Continuous development keeps the platform future-ready for DSOs.



Scalability

Various optional modules and flexible architecture to scale effortlessly to meet evolving utility needs, whether as on-premises or SaaS.



Multi-utility and multi-tenancy

Designed for integrating the management of electricity, water, heating, and cooling metering, also as multi-tenancy environments.



Proven reliability

With over 80 successful deployments for 130 customers, Gateway delivers trusted performance backed by experience.

Integrated Metering and LV-Grid Data Monitoring

Aidon Gateway is designed for DSOs modernising their metering infrastructure, whether implementing a head-end system for the first time or replacing a non-scalable legacy solution. It also supports multi-utility operations, combining head-end functionality with advanced LV-grid monitoring.

Remote smart meter management

The ability to manage smart meters remotely **reduces the need for field visits**. Key functions such as automated data collection, power connect/disconnect, firmware upgrades, configuration changes, and load control **reduce operational costs, accelerate service delivery, and keep meters secure and up to date**.

Secure role-based access

Built-in role-based access control **ensures secure and granular access across organisations**. Service providers can manage multiple customers with tailored permissions, **improving compliance and operational control** across complex environments.

Automated data collection and validation

Gateway enables metering period-based pushing data, as well as ad hoc, and scheduled data collection with built-in technical validation, **ensuring data integrity and automatically retrieving missing data** without manual intervention.

Multi-utility metering integration

Gateway supports water, district heating, and cooling meters via Aidon's metering devices or third-party gateways. This allows DSOs to **use one head-end system for metering data across utilities, reduce communication costs, and extend the life of existing meters**.

Advanced LV-grid monitoring

Smart grid intelligence provides tools for **fault and capacity management, reliable and high-quality electricity delivery, as well as critical asset management**. Combined with Aidon FMD, Gateway also provides **real-time insights into transformer station health, feeder line loads, and delivery quality**.

Comprehensive user interface

Easy to use graphical user interface and integrated reporting tools deliver **visibility into devices, metering points, metering data, as well as system performance, device responsiveness, and network quality**, helping DSOs identify issues and optimise operations.

Business Impact



Operational savings

Remote operations and automation reduce field visits and manual work: Up to **75%** reduction on field visits.



Improved service

Near real-time data and streamlined workflows **speed up response times**.



Enhanced control

Advanced monitoring **improves LV-grid reliability and prevents power outages**.