

**HANSEN FOR
DISTRICT HEATING**

**LEVERAGE DATA TO IMPROVE
DISTRICT HEATING BUSINESS**

Leverage Data to Improve District Heating Business



District heating providers have access to a lot of data, most of which is stored and ultimately not used to better the operations of the business. At the same time, there is a pressing need by district heating providers to offer and provide their service as efficiently as possible to ensure overall profitability.



If only they could reliably leverage the ever-accumulating data ...

KEY USE CASES READY AND WAITING

Customer segmentation

Faulty meter analysis

Faulty heat exchangers

Consumption anomalies

Consumption analysis

Consumption flow correlation

Water temperature analysis

Inflow temperature analysis

Meter analysis

Contract power and flow

Data quality assurance

Data collection SLA

Load forecasting

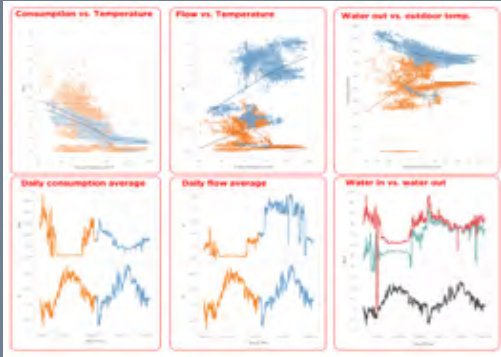
HANSEN FOR DISTRICT HEATING

Hansen's District Heating solution solves the problem of data usage by giving energy providers an application that's fast to implement with predefined use cases to help them improve margins and stay competitive with their district heating services.

Hansen does this by offering a SaaS-based analysis service driven by **Hansen Insight** that's ready to address the key district heating use cases. Addressing these key use cases quickly contributes to improvement in the efficiency and profitability of the district heating business. Hansen for District Heating interfaces with **Hansen MDM** and **Hansen CIS** to lower start-up costs even further while being ready to process your data with all the **key use cases**.

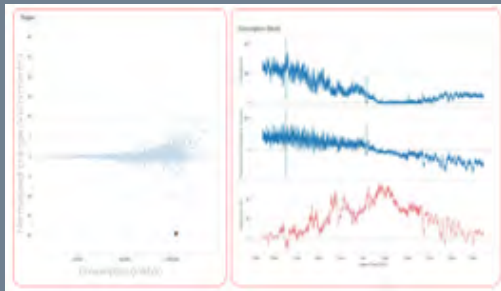
Try Hansen for District Heating Solution for Yourself

Visit hansencx.com to sign up for a free trial to test district heating use cases or contact your Hansen representative at info@hansencx.com



HEAT EXCHANGERS

Sub-optimal cooling results in heat losses and network inefficiencies. Faulty heat exchangers – whether broken down for years or recently malfunctioning – mean lost revenue and should be monitored closely. Hansen for District Heating provides businesses with up-to-date lists of faulty heat exchangers delivered directly to an email inbox.



METERS

Slacking or speeding meters are a common problem and the Hansen solution allows you to focus on metering points with significantly increasing or decreasing temperature-normalised consumption. By filtering on meter model and installation year, it is possible to handle government maintenance requirements virtually.



TARIFF PLANNING

To attract and retain district heating customers, it's vital to make sure that tariffs are attractive and fair to customers. Hansen District Heating Solution provides the basis to create new tariffs and simulate how your total revenue and energy bill of each customer would change.

UNDERSTAND ALL PARTS OF YOUR DISTRICT HEATING BUSINESS



Faulty heat exchangers



Faulty meters



Abnormal consumption behaviour



Broken meters



Contract power calculation



Consumption behaviour analysis



Contract flow calculation



Data quality analysis



Heat consumption forecast



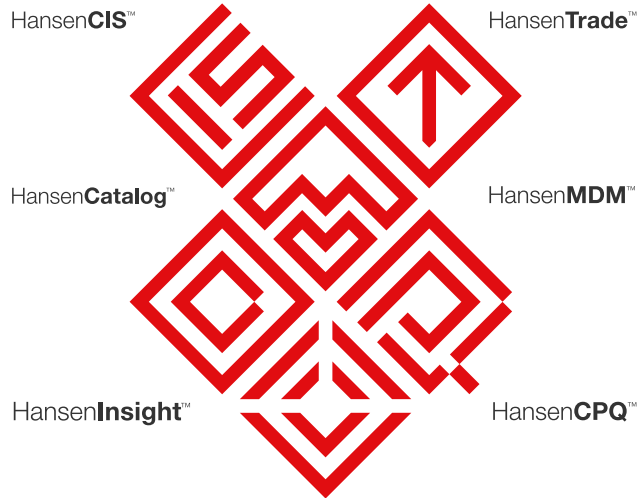
Inflow temperature quality

 Hansen **Create-Deliver-Engage**™
for Energy and Utilities Providers

The Hansen Create-Deliver-Engage Suite for Energy and Utilities is industry-tailored software designed to deliver the next experience while enabling energy and utilities companies to grow from new business models.

Hansen CIS is market-tailored customer information software for utilities undergoing transformation to become tomorrow's next-digital driven experience company. **Hansen Catalog** is the commercial product catalog and lifecycle management application that defines your business and makes products and services faster and easier to deploy. **Hansen CPQ** enables cross-market omni-channel quote and order capture so utilities can sell all products, from standardized consumer offerings to complex tailored B2B enterprise services.

Hansen MDM serves as an integrated package of automation and analytical meter data management applications that leverage advanced metering infrastructure. **Hansen Trade** is an automated trading solution so energy companies can optimize their flexible production assets, minimize balance error and reduce the cost of trading operations. **Hansen Insight** is the comprehensive solution for energy data analytics, providing customer insights, and detecting new market opportunities.



 **HANSEN**
POWER THE NEXT.™

Hansen Technologies (ASX: HSN) is a leading global provider of software and services to the energy, water and communications industries. With its award-winning software portfolio, Hansen helps over 620 clients from over 30 offices worldwide to create, deliver and engage with their customers, to manage and analyze customer data, and control critical revenue management and customer support processes.

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