



CASE STUDY: Precision Heat Metering for a Large Prestigious Car Manufacturer

Sector: Manufacturing

Location: United Kingdom

Solution Provided: Heat Meters

Overview

A flagship UK facility operated by a large, prestigious car manufacturer required a dependable and highly accurate heat metering solution. The goal was to monitor energy use across an extensive heating network with minimal disruption to daily operations and ongoing production.

Project Requirements

- High-accuracy thermal energy metering
- Durable meters suitable for continuous industrial use
- Minimal maintenance and long service life
- Integration with the facility's existing infrastructure
- Compact design to suit restricted installation spaces

DMS Solution

Sontex Superstatic 749 Heat Meters

- Static technology – no moving parts for long-term accuracy and reliability
- MID Class 2 certified – suitable for billing and performance monitoring
- Flow rates from 0.6 to 2.5 m³/h
- Glycol-compatible for specialist system fluids

- Multiple output options: M-Bus, Wireless M-Bus, LoRaWAN, Pulse
- Long-life battery options (6 or 12 years)
- Compact form factor ideal for retrofit or tight plantrooms

A full range of accessories, including sensor pockets, unions, and adaptors, was also provided to support efficient on-site installation.

Results

- Accurate energy data captured across the site's heating network
- Seamless integration with the existing system
- Low-maintenance solution ideal for a high-demand environment
- Long-term reliability supporting energy efficiency and reporting goals

Why Choose DMS?

With more than 25 years of industry experience and as the exclusive UK partner for Sontex, DMS is trusted to deliver reliable metering solutions that meet both performance and compliance standards- especially for critical infrastructure such as industrial food production.