



Nationwide Smart Meter Rollout in Great Britain



Country: **United Kingdom**

Industry: **Commercial and Industrial, Residential**

Year Started: **2013**

Project Background

In 2012, the UK Government committed to a national smart metering implementation programme which aims to offer smart electricity and gas meters to approximately 53 million homes and business across Great Britain by 2024. This smart grid conversion is for Europe to adapt renewable energy for a low-carbon society.

Solution and Benefit

Part of the requirement for the smart metering system is to include a secure way to exchange and share information between the device and the energy supplier. A communications hub was identified as required to enable communication between the electricity meter, gas meter, the energy supplier as well as an in-home display device to ensure all data exchange is done in a secure and private manner. A leading communications infrastructure and media services company was selected as the communications service provider. EDM I has been selected to design, manufacture and supply the communications hub for the Northern region of Great Britain. The contract equates to roughly 10 million homes and business. The award of the communications hub was a stepping stone for EDM I to enter the UK market which then evolved into developing both electricity and gas meters to supply to the top 4 energy suppliers in the country. As a result, EDM I is uniquely positioned as the only meter and communications hubs supplier in the UK.



Secure and private way to exchange energy data using communications hub



Allow consumers to monitor and manage energy use via In-Home Displays

SMETS2 SMETS2 compliant

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Products and Services Provided

Products	Communications Hub
Network Equipment	RF, HAN: Zigbee

