



PRESS RELEASE

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Arqiva partners with Sensus to deliver UK Smart Meter solution

- **Long range radio-based communications platform designed for all of the UK's utility companies**
- **Uses the Sensus FlexNet™ technology already deployed to over 4 million smart end points across the United States and Canada**
- **Arqiva to commence technology trials in December 2009**

Arqiva, the communications infrastructure and services company, and North America based smart grid specialist Sensus, today announced a partnership to deploy a communications platform as part of the UK's rollout of smart meters to all homes and businesses. Under the terms of the partnership, Sensus will supply Arqiva with its technology for smart metering, telemetry and control of the Utility assets. Arqiva will focus on the operation of the long range radio-based solution for the single centralised national communications network as recommended by the Department of Energy and Climate Change (DECC) in its smart metering consultation paper issued earlier this year.

Arqiva's solution, based on long range radio technology, will operate in licensed UHF spectrum and builds on the company's experience in operating the UK's terrestrial TV and radio broadcast networks. Sensus will provide its FlexNet™ smart grid communications system and SmartPoint™ technology. The Sensus smart grid technology is being used by 200 electric, water and gas utility customers in North America who have already deployed more than 4 million smart meters.

The ability of the FlexNet™ and SmartPoint™ technologies to provide network security, proven resilience, and scalability were key factors in Arqiva's decision to choose Sensus as its partner. Arqiva also believes that these factors, alongside its ability to provide near universal coverage, offer distinct advantages over other communication platform options.

The government is committed to rolling out smart meters to all homes and businesses by 2020, as a way of driving down energy consumption and CO₂ emissions. Arqiva believes that its communications platform will support these key objectives by delivering a cost-

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effective, rapid rollout and, importantly, provide a solution that is scalable to encompass water meters.

“With the Government’s commitment to put smart meters in all homes by 2020, we have the opportunity to make the UK one of the most advanced and efficient consumers of energy in the world. For what will become a critical piece of national infrastructure, we must make sure that we set the bar high with the proposed central communications network. This means not only universal coverage but resilience, security and availability, something that long range radio has proven it can deliver through the UK’s broadcast network,” said John Cronin, managing director, Arqiva Wireless Access.

“The marriage of Sensus’ smart metering experience in the North American market and Arqiva’s experience with critical network infrastructure in the UK represents an exciting proposition for the UK’s smart metering initiative. Sensus is already playing a key role in the largest modernisation of utility networks in the USA and Canada and we’re excited by the prospect of helping the UK to achieve its energy modernisation ambitions,” said Bill Yeates, executive vice president, Conservation Solutions at Sensus.

- Ends -

Notes to editors

Key benefits of the Arqiva solution:

- **Dedicated, secure network** – Arqiva will use its dedicated UHF spectrum, combined with Sensus’ purpose designed security measures, to provide a bespoke communications network for independent use by the UK’s water, gas and electric utilities.
- **Proven technology** – Long range radio is playing a key role in the implementation of smart meter initiatives in North America. Sensus is the leading North American provider of long range radio smart metering solutions. The Sensus FlexNet™ smart grid communications technology has been proven at scale, with over 4 million smart end points deployed.
- **Universal UK coverage with minimal infrastructure** - A long range radio network offers significant geographical coverage with minimum infrastructure - Arqiva already delivers terrestrial radio and TV services to 98.5% of the UK using a similar solution. Indeed Arqiva has already demonstrated its ability to deliver large scale capital intensive projects through its management of the digital switchover programme.
- **Simple and cost-effective smart meter roll-out** - Long range radio signals carry extremely well through buildings, even underground, reaching meters situated in cupboards or cellars that would be out of range of other communications technologies, so avoiding the cost of moving and reconnecting meters.

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- **High capacity and scalable** - Long range radio has the necessary capacity to not only meet the smart energy initiatives for meters and grid networks but also offers scalability for other utilities, such as water.

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About Arqiva

Arqiva operates at the heart of the broadcast and mobile communications industry and is at the forefront of network solutions and services in an increasingly digital world. The company provides much of the infrastructure behind television, radio and wireless communications in the UK and has a growing presence in Ireland, mainland Europe and the USA. Arqiva has its headquarters near Winchester and other major UK offices in London, Warwick, Buckinghamshire and Yorkshire. Major customers include the BBC, ITV, Channel 4, Five, BSkyB, Classic FM, the five UK mobile operators and the emergency services.

There are three business units:

Wireless Access provides cellular, wireless broadband, voice and data solutions for the mobile communications, public safety, local government, and commercial markets. Arqiva is the largest independent provider of radio sites in the UK and Ireland. With its own spectrum, the company can provide complete mobile communications networks including backhaul links.

Terrestrial Broadcast provides transmission for all UK terrestrial TV broadcasters, including the new networks being built for the Digital Switch Over. Transmission is also provided for BBC Radio and most commercial radio stations, both analogue and DAB. The company owns and operates two of the six UK digital terrestrial TV multiplexes, enabling major media companies to bring their TV and radio services to Freeview.

Satellite & Media provides global communication platforms to enterprise, government and broadcast customers around the world. It owns and operates teleports at key locations including Los Angeles, Washington, London and Paris, as well as comprehensive satellite capacity, an international terrestrial fibre network and extensive media facilities. These enable Arqiva to provide world leading organisations with a comprehensive range of services to deliver their data, broadcasts and media across the globe.

For more information, visit www.arqiva.com

About Sensus

Sensus is a time-tested technology and communications company providing data collection and metering solutions for water, gas and electric utilities around the world. Sensus is a transforming force for the utilities of tomorrow through its ability to help customers optimize resources, as well as to meet conservation and customer service objectives. Sensus customers rely on the Company for expert, reliable service in order to meet challenges and exceed goals. For more information, visit www.sensus.com.

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