



PRESS RELEASE

Date: 06 July 2010

Arqiva announces that Detica is to join smart grid proof-of-concept network to examine cyber security and safeguards

- **Detica to focus on protecting the network infrastructure from hackers and cyber criminals**
- **A secure-by-design solution for specific needs of the UK's deregulated industry**

Arqiva, the communications infrastructure and media services company, has today announced that Detica, the information intelligence and security company, is to join its smart grid proof-of-concept network in Reading. Detica is set to use its involvement in the network to look at how a national smart-grid infrastructure might be secured from intrusion by external parties, such as hackers or cyber criminals.

Arqiva's smart grid proof-of-concept network, which is expected to go live later in July, utilises its long-range radio communications solution for smart meters and smart grids and will cover 80 square kilometres around Reading. The solution is built around Arqiva's nationwide portfolio of towers and masts, its dedicated licensed spectrum and the FlexNet™ technology provided by its technology partner, smart meter and grid specialist, Sensus.

Ian Watts, head of energy and utilities at Detica, said: "Smart meters and smart grids bring a tremendous potential to transform the energy industry in terms of significant cost savings and reductions in emissions. However, they also bring security risks that need to be proactively managed, and so it's critical to incorporate comprehensive security solutions from the outset to make these systems safe from attack. Unless adequate safeguards are put in place now, the smart grid could be hacked into and confidential data could be lost."

"Securing smart meters and the smart grid will require a combination of strong governance and standards, joined up processes, and of course cutting-edge technology.

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“Arqiva’s ‘secure by design’ solution has been created with the specific needs of the UK’s deregulated energy industry in mind so we are delighted to be working with them as part of their proof-of-concept network and helping to develop the security technology that will secure the grid for years to come.”

David Green, programme director for smart metering at Arqiva, added: “Smart meters, and the longer term objective of creating a smart grid, promises real benefits to consumers and the energy sector alike. However, if these benefits are to be realised we firmly believe that a communications solution based on long-range radio offers the most effective solution to meet the government target of providing smart meters to every home in the UK by 2020. This should be dedicated to the specific needs of the UK’s utilities – with the built-in benefits of universal connectivity, security and resilience.”

- Ends -

About Arqiva

Arqiva, the communications infrastructure and media services company, operates at the heart of the broadcast, satellite and mobile communications markets. The company is at the forefront of network solutions and services in the digital world. Arqiva provides much of the infrastructure behind television, radio, satellite and wireless communications in the UK and has a significant presence in Ireland, mainland Europe and the USA. 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.

Arqiva has its headquarters near Winchester, with other major UK offices in London, Warwick, Buckinghamshire and Yorkshire and international offices in the USA, France and Italy. Customers include major broadcasters such as the BBC, ITV, BSkyB and the independent radio groups, major telco providers including the UK’s five mobile network operators, and the emergency services.

www.arqiva.com

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About Detica

Detica specialises in collecting, managing and exploiting information to reveal actionable intelligence. We use this capability to help government and commercial clients reveal intelligence, maintain security and strengthen resilience in today's complex operating environment. We also use our skills to assist clients with other information-intensive problems such as achieving regulatory compliance and understanding customer behaviour.

Detica is a BAE Systems company.

Detica and Detica Limited product names are registered trademarks or trademarks of Detica Limited in the UK and in other countries. Other brand and product names are registered trademarks or trademarks of their respective companies. Detica Limited is registered in England under number 1337451 and has its registered office at Surrey Research Park, Guildford, England, GU2 7YP.

For further information, please visit www.detica.com

About Sensus – Arqiva’s smart meter and grid technology partner

Sensus creates innovative technology solutions that enable the conservation of water and energy. Sensus has led the discovery, development, and implementation of technologies for the energy and water industries for more than a century. Water, gas, and electric utility customers around the world benefit from the company’s open, flexible products and solutions to help them optimize their resources – today and tomorrow.

With operations and service facilities on five continents and over 225 customers for FlexNet™, its Smart Meter and grid solution, Sensus is a global leader in utility infrastructure systems and resource conservation.

Sensus is a privately held company employing almost 4,000 people worldwide. Nearly 1,000 of these are in Europe with offices or manufacturing facilities in Germany, France, UK, Italy, Spain, Poland, Ukraine, Czech Republic and Slovakia. Sensus headquarters are in Raleigh, North Carolina, USA.

www.sensus.com

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