# Managed Hybrid Connectivity Services

Simplifying critical national infrastructure communications with Arqiva Hybrid Connectivity



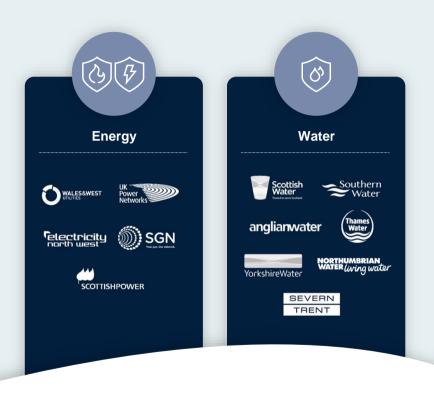
#### A trusted partner to the UK utility sector

Delivering smart metering for the Smart Data Communications Company (DCC) in the North of England and Scotland as part of our multi-million pound business

Providing communications services to major utility transmission and distribution networks

Rolling out the first-of-its-kind 'secure at scale' smart water network to water companies across the UK

Assuring reliance and security as a **UK Critical National Infrastructure Provider** 





### **Device summary**



	VSAT	BGAN & BGAN/LTE	SHORT BURST (Inmarsat)	SHORT BURST (Iridium Edge)
Definition	Very Small Aperture Terminal	Broadband Global Area Network	Two-way, short-burst data exchange – Requires line of site to satellite (GEO)	Two-way, short-burst data exchange – Low earth orbit better coverage
Bandwidth	HIGH: VSAT bandwidth is scalable to multiple Megabits per second	MEDIUM: Standard/Shared service IP connection with speeds of 490Kbps	LOW: Send 6,400 bytes and receive 10,000 bytes	LOW: Send 340 bytes and receive 270 bytes
Frequency of data transmit	Continuous	Regular	Sporadic, as and when required	Sporadic, as and when required
Use cases	Primary SCADA Networks – real time data. Critical communications	Primary SCADA Networks – real time data. Critical communications	Polling Networks (loggers) (Daily/by exception)	Polling Networks (loggers) (Daily/by exception)
Size of terminal	terminals up to 1.2 meter	about the size of a laptop computer	• 12.6 cm x 12.6 cm x 4.9 cm	13cm x 8cm x 3cm

## It's time for simple.

Seamlessly managing your connectivity networks so you don't have to, Arqiva Hybrid Connectivity eliminates day-to-day management pain and strategic uncertainty – providing visibility, efficiency and control of existing and new assets.



#### Contact

John Lillistone Director of Water & Enterprise Networks John.lillistone@arqiva.co.uk +44 7867 900753 Russell Williams Senior Product Manager Russell.williams@arqiva.co.uk +443330328405 Anita Tye Account Director Anita.tye@arqiva.co.uk +447816440021 Jamie Wade Account Manager Jamie.wade@arqiva.co.uk +443330328310

