

THE ADDRESS

Motney Waste Site

THE REQUIREMENTS

system duplication from one end of the water site to the other

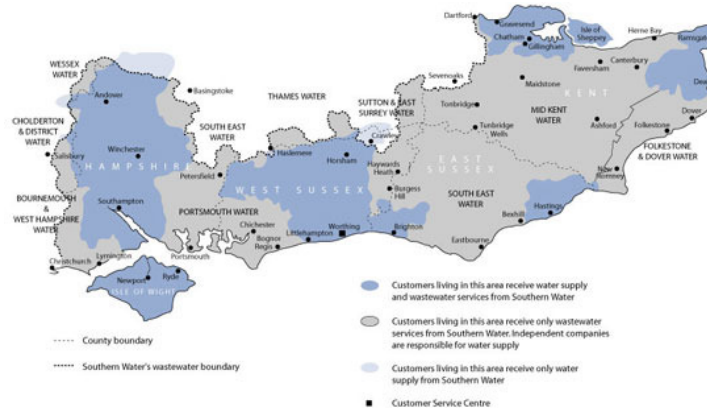
THE TECHNOLOGY

- A5 23dBi Integrated

THE BENEFITS

- Metal Housing
- Simple installation
- Central Management
- Rugged design
- 5Ghz frequency band

Customer Overview



Southern Water provides water supply and wastewater treatment services across Kent, Sussex, Hampshire and the Isle of Wight.

The map shows the area of operation, as well as the areas in which other water companies provide the water supply.

The Challenge

The requirement was for a system duplication from one end of the water site to the other, the distance was relatively short only 2 miles, but with No cables available or ducts the obvious solution was wireless.

The Solution

As this is a waste water location the noxious fumes from the treatment of sewerage can cause plastic to effectively rot.

The customer required a reliable, highly-effective and low-cost wireless IP surveillance solution which was expandable at a later date

Due to the flammable fumes on the site, the wireless units needed to be sealed and highly ruggedized. The 23 dBi was chosen for its Metal housing and rugged build quality.

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The Technical bit

Wireless Point to Point Connectivity Solution SILVERNET 5GHz Wireless Bridge:

A5 23DBI INT (Integrated with 23 dBi panel antenna)

Data was collected and sent via the 23 dBi to the receiver at the other end of the water site.

The wireless link provides duplicate data for the remote pump house and pressure monitoring system.

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