



## Customer Overview

### THE ADDRESS

Ashford waste site

### THE REQUIREMENTS

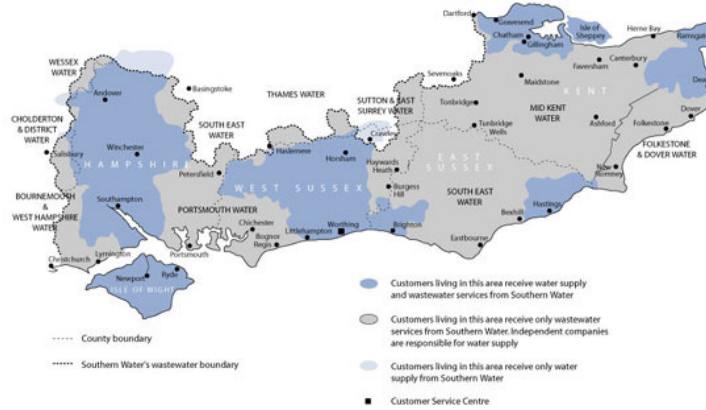
Link for easy remote monitoring

### THE TECHNOLOGY

- A5 23dBi Integrated

### THE BENEFITS

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



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 to establish a link between Industrial PLC to a Scada for remote monitoring.

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.

## 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 from an Industrial PLC to a Scada for remote monitoring.

The System was implemented quickly and easily and the system has been working flawlessly since November 2006. The A5 23dBi system has withstood the effects of the gasses.

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