

## **Case Study:** The Grim's Dyke Hotel Radio Fire Alarm and Detection System

### **Project Overview:**

The Grim's Dyke Hotel is the magnificent former country residence of Sir William Gilbert and is located in over 40 acres of beautiful gardens and woodlands

The carefully restored country house is renowned for its special musical events, banqueting, conference and wedding facilities and the setting has been used as a backdrop for many famous feature films and TV programmes.

The hotel had an existing conventional hard-wired system that, due to persistent cabling faults, needed in part to be replaced as a matter of urgency. However, due to the English Heritage Listing of the building and the standard to which the hotel had been recently refurbished it was deemed too costly and disruptive to replace the cabling.

As a cost-effective solution we proposed the installation of a Radio Fire Detection and alarm system as a direct replacement of the defective part and to interface the Radio Control equipment with the remainder of the existing hard-wired conventional system. This resolved our client's problem in the simplest, timely and most cost-effective way with minimum disruption to the hotel's day-to-day operation.

Looking forward, we have ensured that the new Radio system has sufficient additional capacity to allow for future expansion to accommodate



the replacement of the remaining conventional fire alarm system throughout the hotel when required.

### **Summary:**

The installation of a wireless fire alarm & detection system allowed for greater flexibility and speed of installation with the additional benefit of simple future expansion. The initial phase of this project was successfully completed within the specified programme and price and with minimum disruption.

