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## BSkyB Unit 1 Isleworth

### Multiservice Installation

**Contract Value:**  
£3 million

**Contract Period:**  
38 weeks

**Services:**  
1MW cooling

BMS systems

Chilled water system

Close Control A/C data centres

Sprinkler system

Supply and extract air systems

VRF air conditioning to non studio areas

**Consultant:**  
Johnathan Hart Associates

**Architect:**  
Aucketts

**Main Contractor:**  
Mace

**Client:**  
BSkyB



The project involved creating three new television studios and associated support areas for BSkyB. The project comprised of the mechanical, public health, sprinkler and BMS services serving the new News Centre from which Channel five and Sky news broadcast.

Due to the nature of the works in the broadcasting studio, noise criteria and the transmission of vibration had to be completely mitigated which meant a large amount of attenuation and completely independently supported services had to be incorporated into the scheme.

The new mechanical services comprised of a number of dedicated supply and extract systems for both the news area, office and support areas. Two new chillers provided chilled water to the news area and data rooms, with the office areas being cooled by a zoned VRF heating and cooling system. A new BMS system was installed which controlled

all plant within the building. For fire protection a new sprinkler system was installed throughout the building.

