

## Toshiba Solutions

HQ building - publishers of Lloyds List improve quality of working experience

### Equipment:

Toshiba R410A VRF SMMS  
Ducted units



*The home of Lloyds List publishers Informa – a large installation*

### Application details

As part of the complete refurbishment of its Colchester HQ Informa PLC, specialist global technical publisher, well-known for the daily Lloyds List newspaper required its air conditioning system to be updated.

Informa Facilities Manager Dave Green said, "This building is now thirty years old and if we were to keep it we had to do something about the comfort levels. It's basically a glass and concrete box and gets very hot.

Such is the capacity of Toshiba's R410A SMMS and SHRM systems that they can comfortably cool and heat a 'typical' large, three storey 'seventies office block found in so many UK town centres. VRF air conditioning systems from Toshiba are increasingly being used to improve comfort conditions in larger and larger installations.

# TOSHIBA

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### Solution

The Toshiba system has been beautifully and discreetly installed, and has made a huge difference. The quietness of the new technology is very important in the open plan areas and the boardrooms.

It was by no means an easy job as so much of the 'classic' teak paneled interior has been retained, and the work had to be carried out one floor at a time with the building still occupied. The system was designed primarily for 'cooling-only' as there was no choice about removing the recently renewed perimeter wet heating system but Toshiba's inverter-controlled VRF equipment provided the flexibility that the clients wanted when it came to air conditioning and they have been using its heating capability to supplement their existing system.

There are four Toshiba SMMS systems in all, providing a total capacity of 200 kW of cooling. One system is used for each open plan floor, supplying ducted indoor units in the ceiling, and the fourth one supplies high wall units and cassettes in the small number of separate offices and boardrooms. The supply air is tempered before it enters the system and the ceiling voids act as a return air plenum. This is an economic and efficient solution.

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*Toshiba VRF units on the roof*



*A board room with Toshiba ducted units and the original fixtures and fittings preserved*

**TOSHIBA AIRCONDITIONING**

Advancing the **eco**-evolution