



case study

Cincom

Cincom called CBS because they were having some problems with their system. When CBS went to have a look at the problem they discovered that one of their compressors had failed on the chiller. The system itself consisted of a relatively old chiller, feeding chilled water to fan coil units throughout a prestigious three story office block in Maidenhead. The chiller had two compressors and used R22 as the refrigerant.

As Cincom were one of CBS's level three service customers they were entitled to a new compressor (free of charge) under their contract. However, the supply of virgin R22 will be banned from the end of 2009 under the European Ozone Depleting Substances act. Due to this legislation, CBS would not be able to service or repair the system after the end of 2009.

With this in mind, CBS explained to

Cincom the potential problems which they might face in the future. However, CBS felt that this offered Cincom a unique opportunity. They could get a new system and CBS could offer the cost of the replacement compressor as a discount. This potentially would save Cincom the full cost of a new system in a few years time. It would also enable CBS to maintain their high level of service, should there be any problems in the future.

Cincom agreed that a new system would be the best course of action in light of the impending legislation and gave CBS the go ahead to install the new system. The new system would consist of a Trane chiller, which would not only be more energy efficient, but would also use a non ozone depleting refrigerant. The existing welded flow and return chilled water steel pipework would be replaced by Victaulic pipework. Victaulic pipework is a modular system where lengths are cut to the correct size and grooves added by a

special machine on site. A coupler is then added to connect the sections, providing a system which is not only strong but can also be fitted quickly, minimising the down time for the customer.

The installation was carried out at the weekend to minimise disruption to Cincom and their neighbours. It involved the use of a 30 ton rough terrain mobile crane to remove the existing chiller and replace it with the new Trane unit. The installation itself went very smoothly, the whole job was completed over a two day period.

About Cincom

Cincom was founded in 1968 with a European division opening in 1972, making it one of the oldest companies in the software industry. Today Cincom is a market leader in delivering and supporting innovative software solutions, with its purpose built office block in Maidenhead.



The old chiller is removed from the building



The new chiller is lifted into position



Final positioning of the new chiller takes place

“Comfort Building Services Ltd has been a preferred supplier to Cincom for a number of years. Our main chiller recently needed replacement in order to meet current refrigerant regulations. This was a large and potentially disruptive job, but CBS managed the contract flawlessly. To reduce the impact on our business, most of the work was done out of hours.”

Facilities Coordinator, Cincom Ltd



Local.
Dependable.
Professional.

Comfort Building Services are based in Basingstoke and operate within a radius of approximately 100 miles. CBS employ a crew of engineers who's combined skills cover all areas of building services.

Investors in People

Active participants of the Investors in People programme and with the policy of developing their own engineers CBS operate an apprentice-training programme in conjunction with the local colleges.

Gas Safe, HVCA, NICEIC

In accordance with the requirements of their trades CBS engineers hold the relevant professional qualifications.

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Project Data

Category	Installation
Description	Replacement of a chiller and associated pipework
Timescale	1 Week
Value	£50-100,000

Services

- Decommissioning
- Equipment Installation
- Chilled water pipework
- Commissioning

