



A Unique Approach to Building Services

Continued investment in infrastructure, people and skills has placed Mitton in a strong position to claim a leading role in the UK's building services industry, offering the broad-based expertise to provide responsible, professional and comprehensive solutions throughout the country.

Bringing together a unique mix of contracting, aftercare, environmental management and climate control divisions, Mitton provides a total service with the focus sharply on professional services.

Underlining this is our commitment to increasing energy efficiency and optimising systems to reduce energy consumption.

Irrespective of where you stand regarding the issue of climate change, the media coverage has highlighted our ongoing responsibility to utilise the earth's resources as efficiently as possible.

Whilst you may or may not agree with the policy of relating everything to a 'carbon output', this approach does provide a useful benchmarking tool to compare different energy sources and scheme designs on a like-for-like basis.

At Mitton, we work closely with our clients to forge a strategy for the way forward, helping clients to find the drivers most applicable to their own businesses, and then formulating solutions to achieve their goals.

Every building is different, and Mitton treats each case individually, creating tailored recommendations which can assist with, if not totally achieve, the energy-related social responsibility targets for each business.

Today, Mitton operates the largest independent Building Management System network in the country, with over 550

remotely monitored sites. This depth of experience allows us to assist with all monitoring and targeting requirements, and ensure optimum plant performance.



In line with the latest building regulations, we ensure that all our schemes comply in full with environmental legislation and with the needs of our clients.

By adopting a cohesive approach to all aspects of our work, and by providing practical, informed solutions to meet commercial requirements, we are committed to achieving environmentally responsible, cost effective and workable systems in all areas of our business.



Mitton at Work on the Rock!

As part of the recent conversion contract for Wm Morrisons Supermarkets Plc, which included the rebranding and upgrading of all the Safeway stores, Mitton's Contracting Division despatched a team of engineers to Gibraltar to carry out a similar project on what is the only Morrisons store on the Rock!

All work was carried out on an 'out of hours' basis to enable the store to keep trading throughout, with logistical challenges further complicated by the need to ensure total reliability of material supplies and labour.

Making the most of the local weather conditions, Mitton also installed a new solar heating system to optimise energy performance!



The Golden Years...



It may not have been the best of summers this year, but the weather certainly didn't dampen the celebrations at Mitton's Summer Ball when 200 Mitton staff got together to celebrate the company's 50th anniversary as a Limited Company.

The theme of the evening was gold in all its glory – to commemorate the fifty years – and all guests arrived suitable attired, although we are reliably assured that all glittered was not necessarily gold! Mitton Mechanical Services was actually established 77 years ago, but was first registered as a limited company in 1957 – a vintage year, according to several attendees at the Ball, so we have to assume that they, too, were celebrating their half centuries!

The event took place at the Bradford Bulls stadium, a modern structure dramatically set into the hillside, commanding inspiring views of the grounds and flooded with natural

light through the glass frontage. Curving around the south end of the ground the facilities arch creates a diverse interior which can be segregated or opened to cater for either small or large functions, providing a prestigious venue for corporate celebrations.

A great time was had by all, including an excellent four course meal, Awards presentations and raffles. The evening closed with some serious karaoke and hopefully not too many hangovers!

Mitton Aftercare Expands UK Network Again

Mitton continues to expand the company's nationwide network of Aftercare regional offices with the recent opening of the Swindon branch, offering a comprehensive support service to back up growing business in the South and South West of the country.

The addition of the Swindon branch completes Mitton's geographical coverage, providing excellent motorway links to the south of Bristol and into Wales to enhance speed of service to customers in support of the company's eight hour attendance guarantee.

The Swindon office is headed up by manager Mick Dee, who brings a wealth of experience to the team, with over 15 years of experience in the industry. Mick's team of Aftercare engineers are already hard at work providing 24/7 coverage to keep our customers' systems operational at all times!



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Mitton operates nationwide with offices in Bradford, Northampton Swindon and Livingston.

Following the successful completion of the phase I pipework modifications for Unichem in Chessington, Mitton is currently on site with phase II of the project, worth an estimated £300K.

The project calls for the provision of an additional two air cooled packaged liquid chillers situated on the roof of the building and serving the computer rooms, cross-connected by pipework and incorporating a new low loss header.

This work is supplemented by provision of an independent cooling installation serving the computer rooms, providing two additional downflow air handling units housing filters, fans and a chilled water cooling coil.

The system will supply air into the occupied space via the computer room floor, using floor grilles to handle the additional air flow. Installations carried out by Mitton include new chilled water pipework, alterations and extensions to the automatic controls installations and connections to the central building management system, as well as acoustic lining of the existing computer room walls.



Helping West Yorkshire Fire Service Keep Their Cool

Refurbishment of the West Yorkshire Fire Service lecture theatre at Birkenshaw by main contractors Torpoint necessitated a rethink of the ventilation system to ensure environmental compliance, comfort and safety for users of the facility.

Work involved the installation of a new direct expansion comfort cooling system, incorporating 'Envirofresh' ventilation/comfort cooling/heating/air handling facilities and additions and alterations to the LPHW heating system, including new controls and fire safety interface systems.

Mitton supplied, installed, tested and commissioned the upgraded system, including the incorporation of a new control panel interfacing with both fire alarm and fire detection systems.



Mitton on Display at Leeds University Art Gallery



UNIVERSITY OF LEEDS

When Leeds University were looking to improve the provision of fresh air flow for occupant comfort and to provide air conditioning for their Temporary Exhibition, Permanent Exhibition and Education Room, they turned to Mitton to provide a practical solution.

To avoid rapidly fluctuating environmental conditions which could impact on the displays, the objective was to maintain internal temperatures in the room between 21°C, +/- 3°C and internal relative humidity levels at 50%RH, +/- 5%.

The project called for the supply of fresh air ventilation to the gallery via a new supply air handling unit, including the provision of a steam fed heater battery and cooling coil which is linked to external condensers located on the roof.

The air handling unit was located at high level and supplied conditioned air via swirl diffusers to the space.

The Gallery is now maintained at a positive pressure to help sustain cleanliness and environmental conditions by minimising unfiltered external air penetration.

Water, Water Everywhere

The recent summer monsoons which wrought such devastation in the Tewkesbury area had a significant impact on businesses operating locally. Without mains cold water, the supermarkets were threatened with closure – which would have led to even more deprivation and difficulties for the local residents.

Determined to keep their stores at Tewkesbury, Abbeydale near Gloucester and Up Hatherley near Cheltenham in operation, Morrisons called on assistance from Mitton to devise an ingenious solution.

With a standing tanker placed at each store, Mitton supplied a massive water tank located on a flatbed lorry, which collected potable water from Evesham, outside the affected area. This water was then taken to each of the three stores and used to top up the standing tanker, making several trips to each during the course of the day to ensure that supplies were plentiful.

Mitton then used their expertise to provide a connection from the standing tanker to the stores' mains supplies, ensuring access to clean water to allow continued operation throughout the crisis.

The system ran reliably for over two weeks until mains supplies were restored, to the relief of all!

