

Health Sector News

Canute move should open up wide client base

Privately-owned logistics provider, The Canute Group, has expanded its medical services division with a move to a larger facility in Wokingham.

Canute International Medical Services (CIMS) has moved into a 38,000 ft² depot, purpose built for the previous occupants, which it says will provide 'first-class accommodation' to develop its expanding operation. CIMS provides turnkey solutions to the diagnostic imaging industry, offering specialist services including transportation, engineering, warehousing, remarketing, and installation of diagnostic medical equipment.

The division also builds and refurbishes imaging suites using traditional and modular methods, installs new equipment, and de-installs surplus equipment, which it then sells or disposes of in line with WEEE regulations.

The new facility, with 20 per cent more



space than the previous premises, features 'state-of-the-art' warehousing, to enable CIMS to cater for a wider client base from across the NHS and private healthcare sectors.

Guy Pomroy, director, explained: "CIMS now has a much improved location, which caters for the growing needs of our customers throughout the UK, Europe, North America, Asia, and the rest of the world."

Bespoke mobile chemotherapy unit

EMS-Healthcare has 'bespoke designed' and built a mobile chemotherapy facility to help cancer experts deliver treatment closer to patients' homes.

The 'Clatterbridge in the Community' service aims to make the cancer treatment process as accessible and easy as possible. The mobile unit offers specialist treatment, and will enable patients from Chester and the surrounding area to access care in a more convenient location. Housing six chemotherapy stations, with preparation, reception, and waiting areas, it will treat approximately 25 people each day.

The bespoke unit has been specially designed to meet The Clatterbridge Cancer Centre's requirements. Chester is the first city in the Merseyside and Cheshire regions to pilot the new scheme. If successful, the service will roll out to other locations across the region.

Cover Story

New Atlas pendants are stronger still

Brandon Medical's Atlas medical supply pendants have been re-designed to improve user functions and simplify maintenance.

New features include increased internal service area for additional medical, gas, and electrical services, and greater load-bearing capacity, maximising the amount of services that can be passed through the arms, and the volume of equipment supportable on the service head. All of this is concealed within smoother, easier-to-clean, 'more rounded' arm systems. The Atlas Multifunction Rack system is retained for maximum flexibility in accessory selection and placement.

Further improvements include the 'lightguide' pendant brake indication, which uses illuminated coloured markers to give both an indication of brake release, and the point of rotation. New lighting options can also be integrated, including LED uplighters in the extension arm, and

downlighters in the service head, providing adjustable lighting for daytime and evening staff circulation, and enhancing patient comfort and staff safety.

Brandon says centralising services and equipment using its Atlas pendant systems provides 'a flexible solution for surgical and intensive care units – some of a hospital's most complex and demanding areas'. Future access for servicing is also improved, reducing maintenance downtime over the pendant's lifespan.

Completed Atlas installations include King George and King's College London Hospital's new endoscopy departments. The new Atlas pendants have also been selected by Great Ormond Street, Barnsley District General Hospital, Kent Institute of Medicine & Surgery, and Maidstone Hospital, demonstrating the wide range of potential applications – from surgery, endoscopy, and critical care, to A&E 'resus' areas. Each system is 'bespoke designed'.



Brandon Medical Co
Elmfield Road, Morley
Leeds LS27 0EL
UK
T: 0113 277 7393
Email: enquiries@brandon-medical.com
www.brandon-medical.com

Solar water heating for Liverpool health centre

Andrews Water Heaters has supplied a solar thermal water heating system for domestic hot water for the new Speke Neighbourhood Health Centre in Liverpool.

Located adjacent to the original health centre, the new building offers 'a vastly improved range of services', alongside traditional GPs' surgeries and clinics.



Developed by Liverpool and Sefton Health Partnership, the Centre has a smaller carbon footprint, despite being three times the size, and has attained a BREEAM 'Excellent' rating. The building services were designed by Hulley & Kirkwood.

There are 12 glazed flat plate solar panels on the roof, above the plant room, with the storage cylinder and other components housed within the main plant room below. Water heated by the panels is transferred to a 1,500 litre, twin-coil, unvented storage cylinder, which provides for additional water heating via a secondary coil served by a condensing boiler. The system serves approximately 78 outlets over the two floors, comprising washhand basins, sinks, and showers, in consulting rooms, treatment rooms, changing and toilet facilities, utility rooms, and beverage bays.



Colourful options with Calypso

Global flooring and finishing brand, Gerflor, has released a new decorative wallcovering range, Mural Calypso.

Replacing Taradouche Mural, the Mural Calypso range is said to offer improved technical performance, and comes in 19 colours – from pastel shades to bright tones – to coordinate with Gerflor's Elegance and Brazilia anti-slip flooring for showers and bathrooms, and flooring ranges such as Tarasafe, Taralay, or Mipolam, for use in other rooms.

The PVC wallcovering comprises a transparent wear layer over coloured backing, which Gerflor says 'guarantees a perfect finish to the hot welding process'. Available in 2-metre width rolls, and with a thickness of 0.92 mm, Mural Calypso meets fire safety standards, and emits no harmful particles. It is '100 per cent compliant' with REACH regulations, and 'completely recyclable' at the end of its life.

A 'hard-wearing solution with a high level of resistance to tearing', it has a smooth, non-porous, washable surface that 'reduces the risk of hospital-borne infection'. 'Antibacterial by nature', it is 'dressed with fungicidal treatments'.

Leading associations to collaborate

The two leading trade associations representing catering equipment manufacturers – the Catering Equipment Suppliers Association (CESA), and distributors – the Catering Equipment Distributors Association (CEDA), are to work more closely together.

The two organisations say there is now more opportunity to collaborate on key issues, including sustainability projects. "CESA and CEDA are also working with the British Hospitality Association and the Foodservice Consultants Society International (FCSI) to agree a common approach to

reduce the industry's carbon footprint," explained Nick Oryino, CESA's chair (pictured). "Energy- and resource-saving equipment will be key."

The two associations will also stage a joint technical conference, on October 2, 2013, at the Hellidon Lakes Hotel, Northamptonshire. "Both the equipment and systems we work with, and the regulations we operate under, are increasingly complex," said Jack Sharkey, CEDA's chair. "The conference will examine a wide variety of issues, such as health and safety legislation, servicing schedules, and new technologies."



Fire alarm aspiration sensing technology

Honeywell's new FFAST Fire Alarm Aspiration Sensing Technology portfolio will be showcased at this year's Firex from 13-16 May (Stand N40, Hall 3) at the NEC in Birmingham.

Tim Checketts, newly appointed EMEA sales manager, Speciality Products, will also present a paper entitled 'New aspiration technologies – changing the shape of fire detection', at 10.30 am on 16 May, as part of the FIREX Academy 2013 Seminar Programme.

Honeywell's expanding portfolio of aspiration devices includes FFAST, an EN54-20 Class A approved very early warning aspiration system that will reportedly alarm 'long before any visible signs of combustion', and FFAST LT, 'offering highly effective fire detection for EN54-20 Class B and C applications where standard detection methods are not the optimum solution'. Together, the devices are said to cover 'the complete spectrum of fire detection'.



Space for Health website now closed

Space for Health (SfH), the website where DH technical guidance, including Health Building Notes and Health Technical Memorandums – could be found, has now closed, ‘in line with the Government’s Digital Communications Strategy’, the Department of Health’s Estates and Facilities Policy Division explains.

GOV.UK is ‘the new home’ for all the department’s corporate web content, including news, speeches, press releases, publications, consultations,

committee reports ‘and more’.

The Devolved Administrations have moved their HBN and HTM content to their own, country-specific, websites, while estates and facilities technical guidance for England can now be found at www.gov.uk/dh

Specifically, HBNs can be found at: www.gov.uk/government/organisations/department-of-health/series/health-building-notes-core-elements, and HTMs at: [https://www.gov.uk/government/organisations/department-](https://www.gov.uk/government/organisations/department-of-health/series/health-technical-memorandum-disinfection-and-sterilization)

[of-health/ series/health-technical-memorandum-disinfection-and-sterilization](https://www.gov.uk/government/organisations/department-of-health/series/health-technical-memorandum-disinfection-and-sterilization).

The DH adds: “Alternatively, from the gov.uk/dh home page, type ‘health building note’ or ‘health technical memorandum’ into the search box, and then select the ‘Inside Government’ tab to navigate to the publications.”

Work is still ongoing to migrate all the existing content from SfH to GOV.UK. Archived material has been moved to: www.nationalarchives.gov.uk

Report examines the ‘current state’ of UK engineering

‘Engineering UK 2013’ is the annual flagship report of Engineering UK, the charity that promotes engineers, engineering, and technology, by raising awareness of the profession and the contribution of engineering to society.

Examining ‘the current state of engineering’, the report ‘highlights the crucial role engineering has to play in delivering growth for the UK, and identifies action for Government, businesses, professional bodies, and the third sector, to take, to seize opportunities at a national level’.

Commending the publication, Vince Cable, Secretary of State for Business, Innovation and Skills (shown during a recent visit to Plessey in early April), said: “To make the right decisions it is

vital to have quality information and analysis, and I applaud EngineeringUK’s ongoing efforts to deliver thorough and insightful information to guide us in ensuring the industry has the skills it needs.”

The report was the subject of a roundtable meeting at No. 11 Downing Street, hosted by Minister of State for Business and Enterprise, Michael Fallon, which brought together leaders from industry and education. Its findings were also previewed, prior to publication, to members of all of EngineeringUK’s advisory panels.

Electronic copies of the report, the executive summary, and recommendations, can be found at: www.engineeringuk.com/report



Courtesy of Department for Business, Innovation & Skills/bisgovuk

Hove hospital features Brian Eno's works

The Montefiore Hospital, a stylish recently completed conversion of a former late 19th century-built furniture depository in Hove, East Sussex (HEJ – April 2013), is reportedly the world's first hospital to incorporate the works of Brian Eno.

The new private hospital has been elegantly refurbished to a design by architects IBI Nightingale, for Spire Healthcare.

Actively encouraging the medical staff to contribute to the interior design, local surgeon, Robin Turner, was instrumental to integrating the Brian Eno light and sound installations. The 'Quiet Room for Montefiore' is a room available to patients, visitors, and staff as 'a place to escape – somewhere to think, take stock and simply relax', while '77 Million Paintings for Montefiore' is 'an installation of light



Courtesy of Oliver Perrott

and generative music' in the reception area.

Studio associate director and project architect at IBI Nightingale, Richard Ager, said: "Artwork is so important within the design of healing environments. We actively encourage sensory design in all our hospital schemes, but the works by Brian Eno have been extraordinary."

New corporate property managers

Community Health Partnerships (CHP) has appointed four corporate property managers as part of the organisation's changing national role.

From 1 April, CHP took over PCTs' responsibilities in the LIFT programme, and for the LIFT estate, which includes the role of Head Tenant for the NHS LIFT buildings across England. A new Property Management team has consequently been formed, led by Neil McElduff, director lead for Property (pictured).

Each new appointee will cover one of four regional areas, holding overall responsibility for property management



services within that region.

The appointments are: Lesley McGregor – North (East), who joins from international FM company, OCS; Gavin Hindley – London, a Chartered Surveyor, who joins from Community Solutions; Ann-Marie Grant –

North (West), who has been with the NHS since 1993, most recently as head of Estates Development for the North Essex Cluster of PCTs, and Riana Relihan – Midlands, joining from Oxfordshire PCT, where she has worked in various roles since 2002, most recently as project director and head of Capital & Estates.

Strong support for heavy plant

Big Foot Systems has expanded its Heavy Duty range, designed to support plant and installed services on flat roofs.

Its freestanding systems are designed and manufactured for applications including HVAC equipment, solar units, and safe access equipment, and provide 'complete, simple, safe, and secure non-penetrative', prefabricated roof support systems.

The range includes the Big Foot HD Cube framework specifically manufactured



to support heavier building services such as chillers, packaged plant, and large air-handling units on flat roofs, without the need to crane in steel RSJs or cast traditional concrete plinths early in the construction.

The Big Foot HD Beam is 'a lighter companion', designed for use either where space is limited, or where equipment needs to be directly positioned over existing structural beams, and is 'ideal' for supporting steels, chillers, packaged plant, heavy pipes, and cabling.

News in brief

Aluminium specialist rebrands

Aluminium building systems manufacturer, Blyweert Beaufort Aluminium, a 'leader in the design of window and door products in the UK' for the past 20 years, has been rebranded AluK (GB), and will now offer two brands of performance aluminium products, the AluK brand of specification window, door, and curtain walling systems, and the Beaufort by AluK range of windows and doors.

Storage, flow, and asset management

Bristol Maid can now offer 'a comprehensive storage, material flow, and asset management solution' via an exclusive partnership with Stanley Healthcare Solutions, featuring 'the well-known' Scan Modul System and SpaceTRAX brands. The former utilises the recognised HTM71 modular carrier 'for smooth and efficient storage and transport'. Mobile storage is provided through the lightweight easyclean ScanCell carts in a range of sizes and configurations, while the TopLine Cabinet range provides fitted storage. SpaceTRAX Point of Use, meanwhile, is an inventory management system that 'links costs to individual cases'.

Water system monitoring tool

ELGA Process Water has introduced a new monitoring tool to help in microbiological control of water systems. Bactiquant-water is 'a simple-to-operate' test system that gives a rapid indication of total viable bacteria count – a test which the company says normally takes two or three days – in under an hour. The Bactiquant-water 'package' includes sampling equipment, membrane filter, enzyme substrate, and fluorometer. ELGA added: "This means system performance can be monitored day-to-day, and any deviations from normal conditions detected early."

£40 m 'The Harbour' inpatient unit

Construction of the Lancashire Care NHS Foundation Trust's new £40 million, 154-bed mental health inpatient unit, The Harbour, started on site early last month, with opening scheduled for spring 2015. Ryhurst, the Trust's joint venture partner, will undertake the development management of the scheme, which will be built by IHP, a partnership between VINCI Construction UK and Sir Robert McAlpine. Replacing facilities at Parkwood, Blackpool Victoria Hospital, Lytham Hospital, and Fleetwood Hospital, The Harbour will be built on land at the Wyndyke Farm site, just off the M55.

Off-site built theatre block for Addenbrooke's Hospital

Following the selection of Cambridge University Hospitals as the regional major trauma centre for the new East of England Trauma Network, off-site construction specialist, Yorkon, has helped to increase theatre capacity at Addenbrooke's Hospital.

Working with main contractor, ISG Jackson, and project architect, LSI



Architects, Yorkon has delivered a new modular theatre block to help meet major trauma requirements. Manufactured off site, the extension has provided additional operating theatres to free up capacity for emergency care services.

The complex part two-storey building is located on a raised steel platform to connect it to the third level of the existing theatre department, with the potential to add an additional floor. The double cantilever arrangement facilitates patient flows, and access to support facilities.

Designed to have a floor response factor of 1, the theatres have a concrete floor throughout clinical areas. The building, also fitted out by Yorkon, accommodates two new theatres, preparation rooms, anaesthetic rooms, offices, scrub rooms, staff rooms, disposal hold, equipment store, and a second floor plant room.

'Five-star ward' opens its doors



An award-winning hospital has opened a new surgical cardiac ward which it says offers patients and their families 'the equivalent of five-star accommodation'.

The Liverpool Heart and Chest Hospital's Oak Ward is said to be the UK's first such ward its kind; it is designed around the hospital's aim of providing a 'patient and family-centred care model', where families and carers 'can be fully involved in their loved ones' care'. Among the ward's key features are pull-down beds for visitors, and a dedicated family room, featuring televisions, computer access, microwave, and vending machines.

Raj Jain, Chief Executive of Liverpool Heart and Chest Hospital, said: "Our new ward enables patients to be supported by the people that matter most in their lives at the time they are needed the most."

Liverpool Heart and Chest Hospital was named Provider Trust of the Year in last year's *Health Service Journal* Awards, in recognition of its work in developing and implementing its 'Patient and Family Centred Care Vision'.

Improving property management

Despite improvements to the way that the NHS manages its property, annual savings worth £2.3 billion remain available given the adoption of better facilities management and procurement practices.

So concludes *Delivering better healthcare outcomes more efficiently*, the fourth annual report into 'the efficiency of the NHS estate' published to date by built asset consultancy, EC Harris, which says 'the wasted space in the NHS estate is equivalent to 157 hectares – larger than London's Hyde Park'. Better use of property, and disposal of surplus land, have, however,

seen the 'wasted space' fall by 53% since 2009.

The latest report focuses on FM procurement and 'wasted estate', and acknowledges 'further significant opportunities to improve estate efficiency via better use of poorly utilised space', and removing much of the 12.8% of the NHS Estate that is 'functionally unsuitable'. EC Harris said: "Many Trusts are actively managing their estate, and benefits can be often seen in the same financial year – for example Mid-Essex Hospital Trust reduced its floor area by nearly 10,000 m² in just eight months, and cut its estate revenue costs."

Big brands sign up for hospital retail outlets

Marks and Spencer, Costa Coffee, and WHSmith, have become the first major retailers to take space in the new £5 million 'Welcome Centre' at the Bristol Royal Infirmary.

When it opens in December, the Centre will provide approximately 873 m² of retail space in an improved, glass-fronted entry point that will also include enhanced wayfinding and reception services.

Capita Symonds has designed the centre, and project managed the initial stages of construction, on behalf of University Hospitals Bristol NHS Foundation Trust. The company also



provided property advice, including running the marketing campaign to find and select retailers, and arranged for Costa Coffee and WHSmith kiosks to provide temporary services while the construction works take place. The Trust is also leasing retail space to a specialist fashion clothing

and accessories retailer, Stock Shop.

The Welcome Centre's financial model, also developed by Capita Symonds, is funded through the income derived from the retail operations, to ensure the full benefits of the scheme are retained by the Trust and the community.