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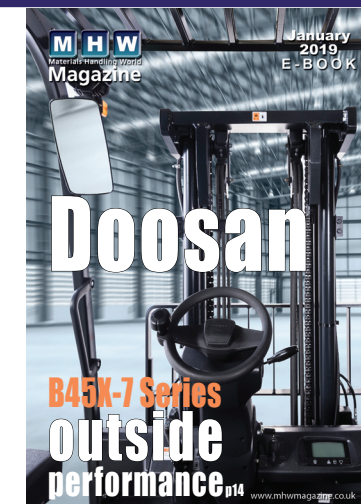
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BigChange

appoints French business leader to spearhead European expansion

BigChange, the mobile workforce technology company, has appointed Frederic Dupeyron, a highly experienced transportation and technology industry leader, to spearhead its expansion in mainland Europe.

Having served as a non-executive director at BigChange since it was founded, Dupeyron will join the company on a full-time basis at the beginning of February as Executive Vice President for Europe. He is tasked with establishing BigChange subsidiaries in mainland Europe and driving its expansion across the region.

Frederic Dupeyron, who will report directly to BigChange's CEO, Martin Port, has held several senior leadership positions for European transportation and technology organisations over the last 20 years. He was CEO at Masternaut prior to its acquisition by Francisco Partners in 2012 and previously served as CEO of Hub One and ADP Management, subsidiaries of French airport operator Groupe ADP.

Frederic Dupeyron began his career working in finance, serving in the Transport Finance Team at the European Bank for Reconstruction and Development and then as Director of Corporate Finance at Aéroports de Paris.

Martin Port, founder and CEO of BigChange, comments: "2019 is going to be a huge year for BigChange as we ramp up our activities around the world. I've worked with Frederic for many years and am delighted that he is joining BigChange on a full-time basis to lead our charge into mainland Europe."

Frederic Dupeyron, comments: "I've seen BigChange go from strength-to-strength since it was launched and I am excited the opportunity now exists for me to focus my efforts on boosting its business in mainland Europe. BigChange's multilingual technology is already transforming mobile workforce operations on the continent, and there are huge growth opportunities for the company there."

www.bigchange.com



EV Cargo confirms executive appointments and management changes



Michael Conroy
Chief Executive
Express



Clyde Buntrock
Chief Executive
Global Forwarding



Heath Zarin
Chief Executive
Logistics & Chief
Executive EV Cargo



Craig Sears-Black
Chief Executive
Technology

EV Cargo, the UK's largest privately-owned logistics group, has announced a series of executive and management appointments after a successful group-wide festive trading period.

Created by specialist private equity investor EmergeVest, EV Cargo was launched in November 2018 after the consolidation of six UK logistics businesses.

The business has four operating segments with the chief executives of each segment taking a place on the group board while still retaining their current roles within each individual company. They will report directly to EV Cargo chief executive Heath Zarin.

Palletforce chief executive Michael Conroy will head the Express segment, Clyde Buntrock from Allport Cargo Services will oversee Global Forwarding while Adjuno chief executive Craig Sears-Black will take charge of the Technology segment.

Heath Zarin will also become chief executive of the Logistics division, within which CM

Downton, Jigsaw and NFT will operate.

There are also a number of changes within individual businesses, which are all part of that company's long-term succession planning.

Duncan Eyre was appointed managing director of CM Downton in January to allow Andy, Richard and John Downton to transfer to non-executive roles.

Zac Brown has joined CM Downton as operations director while finance director Ben Armstrong will step up to become finance director of the EV Cargo Logistics unit.

At the beginning of January, Palletforce appointed Steve Back as its new chief financial officer, replacing Neil Carpenter who moves to the new role of senior advisor.

Mel Brockhouse and Aaron Scott will become joint managing directors of NFT, with Mel taking operational responsibility across the NFT group and Aaron focusing on customer development and continuous improvement. Ross Eggleton will transition to a

senior advisor role for EV Cargo to develop strategic initiatives across the group.

In March, Charles McGurin will move to a non-executive role within the EV Cargo group and Clyde Buntrock will take over as chief executive of Allport Cargo Services.

Andy Humpherson continues in his existing position of managing director of Jigsaw.

Heath Zarin, EV Cargo chief executive, said: "With the appointment of chief executives for each operating segment, along with key strategic management changes across the individual businesses, we've created a robust structure to help deliver our long-term strategy of added value to our customers and sustained growth across the group. "One of the main priorities in creating EV Cargo was to ensure the needs of our customers are consistently met across all parts of the business. The Logistics division deals with a number of related customers and we've introduced a simple management structure, reporting to myself, to allow us to deliver the best service to our customers."

Mercedes-Benz appoints Katie Purcell as Head of Special Trucks – Unimog



Mercedes-Benz Trucks UK has appointed Katie Purcell to the position of Head of Special Trucks – Unimog.

In her new role Katie reports to Mercedes-Benz Trucks UK Managing Director Mike Belk, and is responsible for driving sales within the Special Vehicles sector. Although she is based in Milton Keynes, Katie will regularly travel around the country visiting customers and Dealer partners.

Commenting on her appointment, Katie said: “I am excited by the opportunity to set the strategy and grow the Unimog business in the UK. One of my first priorities will be to raise this halo product’s profile in the market, ensuring people understand what it stands for and appreciate what it offers.”

Katie has a proven track record in the automotive industry. Having started out in communications, she spent 10 years in Marketing and Product Management roles with two manufacturers – most recently she was Head of Electric Vehicles for a premium car brand.

Mike said: “Katie will further strengthen our Truck management team here in the UK at a time when our Unimog business is growing strongly. She brings a blend of experience as a manager of high performing teams, complemented by a deep understanding of the automotive sector, and specific technical skills in product management and marketing. This will enable us to capitalise on the significant potential for the Unimog in the UK market.”
www.mbtrucks.co.uk

Chief Executive of Fork Lift Truck Association steps down

The Fork Lift Truck Association (FLTA) has announced that Peter Harvey MBE, is to leave his post following a 6+ year tenure as Chief Executive.

“We would like to thank Peter for the excellent work he has done in raising the profile of the Association” said FLTA Chairman Duncan Nealon. “In his time with us he has overseen a number of important initiatives, working hard to push our Safety agenda. Among his achievements was driving force in the setting up of the Fork Truck Watchdog.”

An enthusiastic advocate of the HSE initiative Helping Britain Work Well Peter enhanced the size, scope and status of the National Fork Truck Safety Conference, seeing it named “Conference of the Year” in the 2015 Best Practice Awards. In parallel with this he oversaw the creation of Safetember – a UK-wide month of action and information aimed at cutting the number of forklift-related accidents.

His endeavours were recognised publicly in 2018 when he was included in Logistics 100 – a list of the UK logistics



industry’s one hundred most influential individuals. The Association is actively seeking a replacement and hopes to make an announcement as soon as possible.

www.fork-truck.org.uk

The Supply Chain Academy and Leeds Trinity University sign agreement to deliver Degree Apprenticeship in supply chain management

The Supply Chain Academy and Leeds Trinity University have signed an agreement to deliver Degree Apprenticeship in supply chain management.

25 apprentices, including employees of Uniserve, Henry Shein and Royal Mail have enrolled to study for the Supply Chain Leadership Professional Degree Apprenticeship over the next three years.

The Apprenticeship has been in development since 2016 through an employer group led by Uniserve and the qualification was approved by the Institute for Apprenticeships last month.

Professor Margaret A House OBE, Vice-Chancellor at Leeds Trinity University, said: “We have been involved in the Trailblazer group to develop a brand-new Degree Apprenticeship for supply chain professionals since its inception two years ago. This

is an exciting development in a sector that is crucial to the UK economy.

Paul Stone, Director of Human Resources at Uniserve and Director of The Supply Chain Academy, said: “The Industry is desperate for the level of skills that will be provided by the degree apprenticeship. The Degree Apprenticeship was developed in partnership with employers to address those skills gaps. It’s been refreshing to work with Leeds Trinity, which has a reputation of providing a professional education alongside industry experience, to develop highly employable graduates.”

Together, the organisations have developed a bespoke business-led degree tailored to employer’s needs, including delivery on campus at Leeds Trinity and at The Supply Chain Academy’s impressive Upminster Court premises in Essex. Staff will spend approximately



15 days per year on both campuses, attending lectures and seminars, and will be expected to complete online tasks and independent research activities within the workplace.

They will be assessed through various methods including reports, presentations, professional discussions, assignments and work-based projects. The course will take approximately three-and-a-half years to complete.

For more information about our Degree Apprenticeship please visit www.supplychainacademy.org.uk/be-first.

CFTS strengthens technical support

CFTS, the body behind a national standard for the Thorough Examination of lift trucks, has appointed a new Technical Manager, Adrian White.

From his base in York, Adrian, an experienced engineer with more than 25 years' experience, will support CFTS' growing number of accredited companies in the North of England, Scotland and Ireland.

After beginning his career working in automotive, Adrian soon found his place working in the materials handling industry: as a field service engineer, before moving into technical sales support.

Through this, Adrian gained a good understanding of the practical challenges facing lift truck employers and service companies – including Thorough Examination.

Adrian says: "I first qualified as a Competent Person back in 2004, when CFTS was in its infancy, so to speak. Much has happened since then, of course.

"Over the past 15 years, CFTS has grown significantly. More and more employers now recognise the crucial difference between a LOLER-only examination, which checks only lifting parts, and the CFTS approach which ensures the whole truck is safe to operate."

In his most recent role, working for a leading attachments manufacturer, Adrian looked closely at the inspection of fork arms and how this could be improved... and this is something he's keen to continue at CFTS.



Adrian explains: "Your fork arms play an integral role in keeping your truck operating safely. A failure is unthinkable – so we need to be sure we're taking advantage of the latest developments, such as non-destructive testing, to minimise the risk to employers."

In his new role, Adrian will work alongside CFTS Technical Manager Matthew Kennedy to support CFTS and its more than 400 accredited companies operating across the UK and Ireland.

Matthew explains: "Adrian will be a real asset for both

the CFTS and our growing membership.

"He has the expertise and technical knowledge that our members need to get the job done, backed by a practical understanding of the issues impacting them, their customers and the wider industry.

"Best of all, he shares our commitment to making CFTS the standard for excellence in the Thorough Examination of lift trucks." To find out more about the CFTS Thorough Examination Standard, visit: www.thoroughexamination.org.uk

New General Manager for Gwynedd Shipping in Deeside

Gwynedd Shipping Limited, a leading haulage operator with operations across the UK & Ireland, has recruited a new general manager at its Deeside depot.

Matthew Farrall, who hails from Chester, was born into the logistics industry and worked for his family business for 12 years. He left in 2015 to go to the University of Huddersfield and while studying for a degree in Logistics & Supply Chain Management, spent time working for a range of logistics providers including Palletforce, Hoyer and Clipper Logistics.

After achieving a first-class honours degree, Matthew joined Hellman Worldwide where he worked as a Sales Account Manager.

As part of his role he'll take charge for the growth and management of Gwynedd's pallet network, warehousing and general haulage operations across the UK and will report to managing director, Andrew Kinsella.

Commenting on joining Gwynedd, Matthew (28), who's a member of the Chartered Institute of Logistics and Transport (CILT), said: "I was keen to grasp the chance to apply my skills and experience. Gwynedd is relatively new to the pallet network industry, so I feel there's plenty of opportunity to grow and develop this side of the business.

"I hope to bring a young yet fairly experienced fresh set of eyes to the business. With my modern management approach, I'm confident I'll enable the



company's staff and customer base to thrive. I'm looking forward to making a positive difference to Gwynedd's growth strategy."

Gwynedd Shipping Limited (GSL), which is headquartered in Holyhead, North Wales with operations in five strategically located depots across the UK & Ireland, was founded in 1984 and operates a 600+ strong fleet and boasts 45,000 square feet of warehousing offering storage, cross docking, reworking and regional consolidation.

It's committed to its people and customers is demonstrated with eight successive International Safety Awards from the British

Safety Council. The company is ISO 9001 accredited, FORS registered, members of BIFA, the RHA & IRHA and recognised as an Investor in People.

Gwynedd is one of over 115 independent transport providers that are part of the Palletways UK network. They benefit from shared expertise and resources from within the group to deliver consignments of palletised freight to market faster and more cost effectively than ever before. The Palletways Group comprises 450+ depots and 20 hub operations, through which it provides collection and distribution services across 20 European countries, including the UK.

Management changes at S Norton & Co and Axion Recycling

The Board of Directors at S Norton & Co Ltd, one of the UK's prominent metal recyclers, has announced, with a 'mix of sadness and gratitude', the resignation of Roger Morton as Managing Director of both S Norton and Axion Recycling.

Roger will leave his full-time employment with both companies on February 28th 2019. However, he will continue in a consultancy role, acting for both companies on a project by project basis, over the coming months.

Roger helped to form Axion, a plastics recycler and resource recovery consultancy, in 2001 and the subsequent joint venture with S Norton in 2006. He was appointed Managing Director of S Norton in June 2016. Throughout this time, he has worked tirelessly on the development of waste recycling.

In his role as Managing Director of S Norton, Roger has fulfilled a vital role in the reorganisation of the company, particularly in relation to corporate governance, regulatory compliance as well as organisational and operational matters.

At Axion, it will be 'business as usual' with most of the staff who previously reported to Roger now reporting to Judith Clayman, who becomes General Manager. Judith, one of Axion's original employees, has been Axion's Finance Manager for many years.

John Norton, Chairman of S Norton & Co Ltd, said: "Axion is at the forefront of recycling plastic from end-of-life vehicles and Waste Electrical and Electronic Equipment (WEEE), thanks to Roger's dedicated service, drive and enthusiasm. We are grateful for the changes that Roger has helped us to introduce at S Norton. I am sorry that Roger is leaving us and wish him well for the future."

Roger commented: "I am sad to be leaving my friends and colleagues at S Norton and Axion. They are both great businesses that are helping to save the planet by recovering vital resources for the future. I am privileged to have been part of this industry."

He added: "I am particularly grateful to John, Charlie and Matt Norton for their vision, integrity and commitment in supporting Axion as it developed into a sector leader over the past 12 years. They deserve great respect from everyone in the industry. I know that S Norton and Axion will continue to grow and flourish under their leadership." Founded in 1960, S Norton & Co Ltd is family-run scrap processing business collecting, processing and distributing over one million tonnes of ferrous scrap every year. It has long-established metal recycling operations across the UK in Manchester, London, Liverpool and Southampton, employing a total of 215 people.



Axion Recycling Ltd was founded in 2001 by directors Roger Morton and Keith Freegard, who is also still involved with the business on a part-time consultancy basis. Axion develops and operates innovative resource recovery and processing solutions for recycling waste materials, working with clients in diverse commercial sectors.

In 2018, Axion Recycling Ltd and its business units trading as Axion Polymers, a plastics recycler, and Axion Consulting, the resource recovery consultancy side of the business, became a wholly owned subsidiary of the S Norton Group.

For more information on S Norton & Co, visit the website at www.s-norton.com.

APPOINTMENTS

Mobile Mini hires female driver



An industry-leading hirer of portable site accommodation and secure storage containers is challenging stereotypes with the appointment of a female HGV driver.

Mobile Mini, which has recently been awarded FORS Gold accreditation for the sixth year running, has taken on a female driver to deliver its units – one of only 3,000 in the UK.

Following her appointment by Mobile Mini, Rachel Woodward, 24, was able to develop her driver skills further, receiving professional training centred around carrying out the lifting operations required when delivering units from a lorry mounted loader crane vehicle.

She says: "I'd not planned on becoming a driver for a living, but I love the freedom of getting out and meeting people."

"I knew I could never have a job where I was in an office all day, and I don't like being tied to one place, so this is the ideal job for me."

Rachel delivers storage container and site accommodation units from Mobile Mini's East Midlands branch around the region – and often finds she is not what customers expect.

She said: "People are either incredibly helpful, more so than they would be with a male driver, or they just stand back and watch."

"I'll often ring customers to let them know I'm on my way and they'll assume I'm the office staff, asking me to pass a message on for 'him'."

"It doesn't bother me, I realise women drivers are still pretty unusual – it's still seen as a man's job. The majority of people I deal with are men, and it's still rare to see women on a building site."

As well as providing lifting operations training to qualified HGV drivers, Mobile Mini also has its own Driver Development Programme, a bespoke training scheme offered to any employee working for the company,

created to help deal with an increasing shortage of HGV drivers.

The company's HR Director Louise Arnold said: "We created the Driver Development Programme in direct response to challenges which we and other companies were experiencing in recruiting talented drivers across the UK."

"Our programme enables us to develop our own talented people and provide them with a great opportunity to grow, receive some fantastic training and to really develop their career, while helping to stem a recruitment crisis within the industry."

"Rachel is a perfect example of how our driving training benefits both the company and our employees and we're delighted to see her flourish in her new career."

For more information about Mobile Mini and its Driver Development Programme, please visit www.mobilemini.co.uk Twitter: @MobileMiniUK

JLG Industries promotes Jonathan Dawson to Managing Director

JLG Industries, Inc., an Oshkosh Corporation company [NYSE:OSK] and a leading global manufacturer of aerial work platforms and telehandlers, has announced that Jonathan Dawson has been promoted to Managing Director of Power Towers Ltd. He takes over from Brian King, founder of Power Towers Ltd, who has changed role to Chairman of the JLG low-level access R&D and Product Development Board.

JLG expanded its low-level access portfolio with the acquisition of Power Towers Ltd., a leading low-level access equipment manufacturer based in Leicester, UK on 1 June 2015. Founded in 2007, Power Towers specializes in the design and manufacture of low-level access products.

“Power Towers was acquired in 2015 being a very strong business and they have continued that success”, comments Karel Huijser, General Manager and Vice President for JLG EMEA BV. He continues, “We are now ready for the next phase of integration and global expansion of their unique portfolio. The intention is to leverage the JLG organization, drive synergies and expand the footprint.”

Commencing January 2019, Brian King will become the Chairman of the JLG low-level access R&D and Product Development



Board and together with Mark Richardson – lead engineer at Power Towers – take responsibility for new low-level access products and business development, working closely with both Power Towers and JLG. Sandra King will also remain with the business and continue to lead and develop the Power Towers administration team.

Brian commented “Both Mark and I welcome this further step in Power Towers’ development; we have grown over 100% since acquisition and this move will accelerate this still further by leveraging JLG’s true global presence and resources. With Jonathan leading the day to day management of Power Towers we can focus on what we enjoy most which is new product development, continuing to work very closely with our customers.”

Dawson joined JLG in 2006 and started as Sales Director

European Telehandlers, responsible for product management and sales of telehandlers in EMEA. In 2010 he was promoted to Senior Director Sales and Customer Support – EMEA Distribution, based in the UK. He currently holds the role of Senior Sales Director for EMEAIR.

As a result of the transition in leadership, Laurent Montenay will move into the position of Senior Director of Sales EMEAIR from January 1, 2019. Montenay joined JLG in 2006 as part of the Caterpillar Strategic Alliance with Caterpillar, fulfilling various roles from Area Sales Manager to Senior Director of Sales and Product Support EMEA. He then moved on within JLG from Sales Director Germany to his current role of Sales Director CEE and France.

To learn more about JLG, visit the company website at: www.jlg.com.

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Doosan

B45X-7 Series

outside performance

Doosan, the leading manufacturer of robust high-performance forklift trucks, has launched a powerful new range of four-wheel electric counterbalance forklift trucks, the B45X-7 Series, offering greater durability, enhanced productivity, increased visibility and an extensive range of safety features as standard.

With four new models covering a capacity range from 4.0 – 5.0 tonne, businesses across a broad spectrum of industry – from manufacturing, wholesale distribution and food & drink to engineering, building supplies and transport & warehousing – will benefit from the improved capability, power and performance of Doosan's latest mid-range electric trucks.

The versatility of electric power is now available in a durable and reliable vehicle, built for working long-shifts outdoors in wet or dusty conditions – making it a viable alternative to increasingly regulated IC Engine equivalents.

Extra Durable

Durability for outside duty is assured with IP65 and IP43 rated Curtis AC controllers and motors, offering maximum resilience to water and dust. Also included as standard is Doosan's industry leading sealed, oil-cooled disc brake system, which is virtually maintenance free and lasts up to five times longer when compared to conventional shoe brakes. The sealed units protect against outside elements such as dirt, water and grit, ensuring top-rate braking performance for enhanced safety and increased productivity.

Enhanced Productivity

With a tighter turning circle than its predecessor, smooth and responsive acceleration, and a conveniently placed direction switch on the hydraulic control lever for switching direction of travel quickly and easily, the all-round performance of the B45X-7 Series promises a boost to productivity inside or outside the warehouse.



More Safety Features

Safety is foremost in the design of the new B45X-7 Series. Prominent safety features include: Anti Roll Back for preventing accidental movement of the vehicle when stopped on a slope, Automatic Speed Control that adjusts the travel speed for safer cornering, and an Operator Sensing System that immobilises the truck and locks all hydraulic functions when an operator leaves the cab.

Further important safety-enhancing design features included as standard are: a clearer view through the mast, an easily accessible emergency stop button on the dashboard, a high visibility driver's safety belt, large entry step and grab handle for easy access, LED lights and an overhead guard mounted flashing beacon.

Stronger Ergonomics

The sleek looks of the new B45X-7 Series are combined with sound ergonomics – taking safety, driver comfort, ease of

maintenance and productivity fully into account.

The cab is designed for operator comfort and to reduce fatigue, with a fully adjustable premium Grammer suspension seat as standard, and excellent all-round visibility for safer manoeuvring with greater awareness.

Other features are, an adjustable steering column, an easy and intuitive instrument panel and plenty of leg room.

Easier Maintenance

The new design takes ease of maintenance into account too, with improved accessibility to the controller and electric components, a tool-less side panel for simple access to the battery and easy-view software for adjusting control parameters to the operator's wishes.

The new Doosan B45X-7 Series has everything a business needs to feel confident in making the transition to using electric powered trucks in the yard.

Brian Grady, Sales & Marketing Director, Doosan Industrial Vehicles UK, says:

"Companies that are currently considering contracts on 3.5 – 5.0 tonne IC Engine trucks should at least be looking at the possibility of switching to electric powered forklifts as a way of reducing their costs, improving safety and cutting their carbon footprint – especially in light of the Euro Stage V emission regulations that have just come into effect on 1st January 2019."

He adds: "Electric trucks have come a really long way in the past few years and are now, with this series, a highly viable alternative to IC Engine trucks for most applications."

More on Doosan's powerful new B45X-7 Series at:

<http://doosanflt.com/b45x-7-electric-forklifts/>

Tel. 01604 825 600

New Truck iQ

dashboard display gives materials handling vehicle drivers real time visibility of battery status

EnerSys (NYSE:ENS), the global leader in stored energy solutions, has introduced the new Truck iQ smart battery dashboard to give materials handling vehicle drivers real-time visibility of their truck's battery status. Orjan Eriksson, Commercial Application Manager Monitoring & Solutions at EnerSys EMEA commented that: "This enables drivers to optimise their battery's utilisation and power management, while avoiding the risk of damage or productivity loss due to incorrect usage."

The Truck iQ smart battery dashboard enhances management of motive power battery fleets, as each truck driver can easily see and understand their battery's condition and associated parameters from their seat, in real time. They can therefore react immediately to optimise performance and prevent damage, if required.

Battery data is measured by wireless sensors located on the truck battery, and collected by a compact, harness-mounted Wi-iQ3 battery monitoring device. The Wi-iQ3 battery monitoring device relays this information to the Truck iQ smart battery dashboard via Bluetooth BLE. This communication channel is established quickly and automatically on power-up, without need for

driver intervention. This is especially important during battery changes, which can be performed without any additional setup overhead or delay. As the module starts up, the Truck iQ smart battery dashboard automatically recognises the battery's ID.

Information delivered to the Truck iQ smart battery dashboard includes real time State of Charge (SoC), and alarms and alerts for the following battery parameters: temperature, electrolyte level, low SoC and cell unbalance.

The dashboard's primary screen features a prominent graph showing SoC, remaining work time and battery temperature. Battery warnings relating to Go to Charge - accompanied by a buzzer - and high battery temperature, electrolyte level or unbalance are visible. Also displayed are the User ID, the

worked time, and the number of Ah that have been re-injected into the battery by vehicle braking.

The driver can simply touch to unlock the display and access other, more detailed screens. One displays settings for communications and pairing, while another shows details for the battery, cycle status, truck data and warning history.

Battery information includes type and serial number, daily and total discharge in Ah and total discharge time, together with daily worked time and cycle number.

Current cycle status covers battery voltage, current, remaining Ah, worked time and usage time, while truck data includes an hour meter and shock detection. The warning history shows the date and time of the last warning related

to low electrolyte level, high battery temperature, cell unbalance, over-discharge or other factors.

"The Truck iQ smart battery dashboard is different, because it presents truck and battery information in real time to the driver on the job, in an easily understood format.

This helps to prevent truck misuse, while improving battery utilisation and service life. It also boosts efficiency and energy management. In summary, the Truck iQ smart battery dashboard allows each vehicle driver to make his own contribution to the power efficiency and operational productivity improvements," comments Orjan Eriksson.

The Truck iQ smart battery dashboard is the latest addition to the EnerSys power management system.



The system uses wireless IoT technology to automatically collect battery data from every fleet vehicle for analysis, facilitating presentation of actionable insights within easily-readable reports. As a result, managers are able to achieve a far deeper understanding of their overall battery fleet performance, and can act pre-emptively on impending failure warnings. Longer-term strategies can also be identified, allowing for improvement of charging routines, streamlining of maintenance procedures, tracking of energy use, and correct deployment of batteries. Poor operator behaviour can also be identified and corrected.

Matteo Todesco, Senior Marketing Manager - Motive Power EMEA & Marketing Operations Manager - EMEA commented that "With the launch of the Truck iQ smart battery dashboard, EnerSys

finally closes the circle of forklift power management and now offers a complete remote monitoring solution. This extends from the latest Wi-iQ3 battery monitoring device with its report suite, the E connect mobile app for data sharing, and the Xinx battery operations management system that allows remote control by cloud, to the Truck iQ smart battery dashboard that displays all battery data directly to truck operators."

Tadesco continued: "We at EnerSys are applying our long experience as battery manufacturers into this complete toolset, which will ensure better asset management, controlled efficiency and more integrated power in the material handling world." For more information about Truck iQ please visit: <https://powermanagement.enersys.com/en/products/>

Narrow Aisle announces factory expansion plans to keep pace with growing demand for Flexi trucks

Narrow Aisle Ltd, manufacturer of the Flexi range of articulated forklift truck-based intralogistics solutions, has announced a major investment strategy that will allow the company to significantly increase output at its UK production site over the next three years.

The extra capacity is required to meet the sustained and growing demand for Flexi trucks from third party logistics specialists as well as own-account warehouse operators across a diverse range of industry sectors – both in the UK and worldwide.

John Maguire, commercial director of Narrow Aisle, commented: “There a number of factors that are driving the strong demand for Flexi products. For example, continued growth in the e-commerce-based retail market is leading to further investment in high density product storage and, as Flexis are able to work efficiently and safely within the narrowest aisles without the need for expensive wire or rail fixed guidance systems, they are an attractive proposition at sites where space is at a premium and speed of implementation is critical.

“In addition, the ongoing short supply of modern warehouse

facilities is forcing many companies to refurbish and reconfigure existing building stock in an effort to maximize the amount of storage space they have available and free up areas for ‘pick and pack’ and product returns processing. At the same time, many companies are taking the opportunity to introduce new intralogistics technology and handling techniques to create a much more cost-effective operation.”

Narrow Aisle began warehouse truck manufacturing operations in Great Bridge, Tipton, in the late 1970s. The current Victorian-era site was earlier used for the production of industrial railway engines and steam-powered narrow boats. The planned refurbishment work at Great Bridge will ensure that many of the building’s original structural features are maintained but the modern factory will optimise quality and production processes.

The project will also include the

overhaul and extension of the site’s production and spare parts operation, to allow an increased stock handling and pick and pack capacity to provide same-day dispatch of spare parts to UK and Overseas distributors.

In addition, loading facilities are to be upgraded to deliver extra capacity for sea-containers into which Flexis are loaded for shipment to overseas clients. The company currently exports to over 60 countries worldwide and international sales now account for some 40 percent of Narrow Aisle’s business.

John Maguire added: “The Flexi articulated forklift truck concept is now well established and as sales continue to grow we have to ensure that our production facilities are able to keep pace with demand. The investment in our UK manufacturing site is a reflection of our confidence in our business and our products.”

<https://www.flexi.co.uk/>



KAUP Attachments

provide safe & effective handling solutions

Universal Electric Corporation (UEC), is a pioneer in electrical power distribution and a world leader in the development of customisable power distribution systems.

For more than 85 years, Universal Electric Corporation has been manufacturing innovative electrical power solutions, that it provides to a variety of industries across the globe. The company's products are designed to fit the electrical power needs of any business within any industry, including data centre, manufacturing, commercial and retail.

UEC's state-of-the-art facility in Reading manufactures 'bus bars', which are used to distribute power from the source to the load. Bus bars can come in various shapes and sizes, depending on the ampacity of the product.

To safely handle the varying sized bus bars, UEC contacted B&B Attachments to provide a solution to this material handling task. B&B Attachments is the leading specialist in material handling solutions in the UK and Ireland. The attachment company designs, manufactures and supplies forklift truck attachment solutions. It also provides bespoke attachments for customers with specific material handling requirements.

Safety and precision is paramount for UEC, when it



comes to moving its products with accuracy and without damage. Following a site survey, B&B Attachments supplied the electrical power distribution company with three KAUP fork positioners.

The KAUP fork positioners allow the driver to move the forks to the left and right, and position the goods faster, and with greater accuracy. This attachment offers a clear view of the fork arm through the lift mast, fork carriage and fork positioner.

The fork positioners supplied by B&B Attachments are the popular KAUP 1.5T401ZH and 2.5T411Z versions. These attachments are built for heavy duty; providing a wider opening range than standard fork positioners, whilst also removing the need for the operator to

manually adjust the forks.

Mark Williams, Production and Warehouse Supervisor at Universal Electric Corporation comments, "The Fork positioners have become vital to everyday operations of the company. They have increased flexibility and profitability, by adding to the handling capacity of our forklift trucks. Our operators are able to move the forks quickly and accurately without leaving their seats."

These specialist KAUP attachments are available throughout the territory through B&B Attachments. B&B prides itself on providing efficient handling solutions for all industry sectors, including construction, brewing, paper handling and logistics. <http://www.bandbattachments.com/>

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Prize comprises of a £4,000 contribution towards a van lease and £1,000 worth of tools.

When to schedule planned downtime for preventive maintenance?



By Bryan Christiansen founder and CEO at Limble CMMS

You've seen the notice on websites, banks, or other companies that says on a specific day and time the system will be unavailable due to scheduled maintenance. Every critical industry will find time, regularly or sporadically to perform preventive maintenance.

Depending on your facility, finding the time to completely shut down critical assets can be tough especially if you're running on a strict production schedule or have a facility that runs 24/7 with little opportunity to stop operations. Maintenance managers have the unique task of coordinating all resources needed to perform preventive maintenance tasks and ensuring that all required parts and people are available.

The question remains: When do you schedule planned downtime for preventive maintenance?

One of the best places to start is implementing regular inspections and low priority maintenance tasks that can be performed by in-house staff. The purpose of these inspections and low level work is to catch pending failures before the actual failure happen. When frequent inspections are performed, it decreases the amount of time needed for the high level maintenance.

When your assets are due for detailed maintenance, the following are some recommendations for when it can be scheduled to cause the least amount of interruptions to your staff or work place:

1. Schedule work after business hours

This may be the easiest solution if your company's business is conducted during normal business hours. Technicians can

turn off essential equipment and perform tasks with minimal interruptions to staff or operations.

If you're running 24/7, this may work depending on which equipment is needing maintenance. Equipment that is central to the actual output of your products may not be able to get shut down, for example the printing press for newspapers or equipment at a water bottling plant. Shut downs in this environment have to be more strategic.

2. Immediately before major holidays with long office closures

Holidays like Christmas / New Years, Independence Day, Memorial Day or other major holidays where most people are likely to take off work or travel and everything slows down is an ideal time

to schedule equipment down time. You should be familiar with the company's culture in order to anticipate which holidays produce slow work days. This can become an annual maintenance schedule where technicians can spend a decent chunk of time with the equipment.

3. Before highly anticipated severe weather

The preparation done before significant severe weather can range from stocking pantry shelves with food, purchasing emergency equipment like flashlights and candles or putting snow tires on your car/truck. For the workplace, maintenance managers should take stock of the most critical equipment that **MUST** stay in operation and plan an inspection/maintenance. Floods, blackouts, blizzards can happen and when they do, having had all critical inspections done will ensure that equipment failure won't happen during times when it's challenging to get into the office, but operations must go on.

4. Every two years, simulate a black out and test all critical equipment at once

A pull the plug test is a highly orchestrated stress test of all vital systems that will need

to work together in case of a blackout or loss of power for other reasons. Equipment like the generator, UPS, fire suppression systems, HVAC all must rely on one another to operate during an emergency loss of power. This test is especially critical for facilities like data centers, banks, hospitals and others that can't afford to go dark in an emergency.

During this test, all technicians, for critical equipment being tested, are on-site and assigned specific tasks to carry out during the test. This may seem like an extreme option, but this can identify problems that will be of strict importance to remedy. Passing the test indicates healthy, fully functioning equipment and a facility that is well maintained. Smaller companies can attempt to perform this test, but cost may be prohibitive and unnecessary.

Technology can also play a critical role in planning when assets are taken offline. Using maintenance software like a CMMS (computerized maintenance management system) can help to move away from reactive maintenance and reduce the need for excessive or prolonged maintenance.

A CMMS can use data to analyze asset performance, past repairs,

monitor work orders and work flow and track equipment inventory. It will even allow you to closely monitor and adjust your PM schedule. This birds eye view of your asset performance can help identify pending issues quicker, reduce downtime by scheduling maintenance before reaching a crisis point and, with having a centralized hub for this data, the maintenance team stays on the same page which ensures the downtimes are not prolonged due to some miscommunication.

Scheduling down time of critical equipment for preventive maintenance can be the best form of insurance you can give your company. Challenges in scheduling can be overcome with some creative planning, a quality CMMS, and some flexibility, but in the end performing inspections and having a daily maintenance routine will decrease the need for long down times – be it planned or unplanned.

Bryan Christiansen is the founder and CEO at Limble CMMS. Limble is a modern, easy to use mobile CMMS software that takes the stress and chaos out of maintenance by helping managers organize, automate, and streamline their maintenance operations. <https://limblecmms.com/>

DFS lifts warehouse efficiency to new level

The UK's leading retailer of living room and upholstered furniture, DFS, recently ordered two specially-developed Transdek mezzanine floor lifts for its Glasgow Customer Distribution Centre.

DFS has over 120 stores in its retail estate covering the UK, Ireland, Spain and the Netherlands, and regional Customer Distribution Centres across the UK. The new 20,000 sq. ft mezzanine level at DFS' Glasgow hub provides storage capacity for an additional 440 furniture racks, which the Transdek goods lifts provide access to.

Transdek designed and

manufactured the bespoke mezzanine lifts at its South Yorkshire plant to meet DFS' specific requirements. The lifts have an enlarged three-metre by three-metre platform size suited to carrying three furniture racks to and from the secondary storage area.

James Brown, Project Manager at DFS, said: "We have been very impressed with Transdek's professional approach throughout the design, build and delivery stages of this project. Not only have they supplied a robust, well-engineered product at a competitive price, they also managed to deliver the lifts two weeks ahead of schedule to suit our build plans."

The lifts have a 750kg safe working load and are engineered for 24/7 heavy-duty warehouse operation. In keeping with Transdek's focus on modular, rapid-installation products, the DFS units were fitted directly on to the warehouse floor.

Dean Butler, Operations Director at Transdek, commented: "We work very closely with our customers to provide tailored, added-value solutions. For DFS, that meant a redesign of our standard mezzanine lift range to marry to their sofa racks. The team at DFS has already given us very positive feedback, and we're delighted with the outcome." www.transdek.com.



Cimcorp to showcase its robotic handling technology for maximizing food freshness at LogiMAT 2019

Cimcorp's intralogistics solutions provide rapid order fulfilment for optimizing product shelf life and effectively managing today's shrinking order-processing windows

Leading intralogistics automation supplier, Cimcorp, will present its robotic handling technology at LogiMAT 2019 in Hall 2, booth B05. Using robots operating from overhead gantries, Cimcorp's modular solutions provide food producers and retailers with instant access to every SKU, ultra-fast handling and total picking accuracy.

"These benefits contribute to freshness for food products," says Kai Tuomisaari, Vice President of Sales for Cimcorp. "They help maximize shelf life and secure vital competitive advantage for our clients in the fresh produce, bakery and dairy sectors. Brands such as Colruyt, Mercadona and Fazer are all reaping the rewards of investing in our robotic automation."

Faced with the challenges of an increasing variety of store formats, more frequent deliveries and smaller order lines, grocery retailers must minimize the time it takes to get fresh products from the supplier to the store. Controlled by Cimcorp's warehouse control system (WCS), the robots effortlessly manage the entire material flow from receiving to dispatch. "What is unique about Cimcorp's solutions," says Kai Tuomisaari, "is that they combine buffer storage and order picking in one efficient,

flexible and scalable operation."

It is not only perishable products that benefit from robotic handling. For companies challenged by seasonal peaks – such as breweries and beverage suppliers – gantry robot solutions provide the speed, capacity and flexibility required to cope with spikes in volume. Where automation of the entire distribution centre is not feasible, Cimcorp can supply an "island" of automation – such as a system handling solely fresh produce – that is fully integrated with the surrounding manual operations.

Easy to install, operate, maintain and expand, Cimcorp's solutions offer rapid return on investment. By avoiding the need for racking, they ensure maximum space utilization, while computer control ensures full tracking and traceability. Another key

advantage for the food industry is the system's ability to clear the working area completely and automatically for hygienic cleaning.

Cimcorp has worked with clients on warehouse and distribution centre projects for more than 40 years and has supplied intralogistics systems to a number of well-known beverage companies, including Carlsberg's Sinebrychoff and the largest Finnish-owned brewery, Olvi. In addition to solutions designed for full-crate picking, the company offers systems for picking layers and cases, as well as single items at goods-to-person picking stations. In this way, Cimcorp's systems are ideal for streamlining intralogistics in the general retail, e-commerce, fast-moving consumer goods (FMCG) and 3PL sectors.

www.cimcorp.com



Grundon opt for Volvo's new Material Handler

Grundon Waste Management Ltd has taken delivery of a new Volvo EW240E materials handler for its Colnbrook operation following a successful demonstration and evaluation.

Replacing a competitive model, the new Volvo EW240E MHE takes up residence at the company's Waste Transfer and Material Recovery Facility at Colnbrook handling segregated waste destined for the nearby incineration plant or for landfill. Whilst Grundon has operated Volvo equipment for many years on the aggregate side of their business, this is the first Volvo materials handler the company has purchased. "We were looking for a change of supplier and the Volvo performed very well on demonstration but to be quite honest, our decision came down to the best deal on offer at the time," comments Steve Fisher, Grundon's Divisional Recovery and Resources Manager. "We also listened to the opinions of our operators who gave the Volvo the thumbs up and so far we've been very pleased with the way the machine is settling in here at Colnbrook."

While the transfer station operates around the clock, seven days a week, the new charge operates a twelve-hour shift, loading high-sided bulkers which either transfer segregated waste to the incineration plant or transport to landfill. It also feeds a high-capacity mobile shredder which reduces larger and diverse material down to a size that can be accepted for burning. In total, some 50,000 tonnes of waste will be handled by the machine each year.

Powered by a six-cylinder Volvo engine developing 171 nett hp, the EW240E offers the latest in engine technology and operating sophistication. For example, pump flow is controlled for combined equipment and slewing operations to reduce the flow loss through the overload relief valves, whilst maintaining lift capacity and maximum swing torque. When Eco-mode is selected, the machine provides better fuel efficiency without loss of performance in most operating conditions.

The Volvo Care Cab offers a large roomy interior with plenty of leg room and foot space. The excellent 'all round' visibility is enhanced by pressurized and filtered cab air supplied by a 14-vent, climate control system. An adjustable eas-to-read LCD colour monitor provides real time information of the machine functions. The EW240MHE offers the operator the benefit of maximum visibility around the work area, thanks to the hydraulically raised and lowered cab with a maximum elevation of 5.7 metres.

The new EW240E has been supplied with a 6.5m straight boom and 4m sorting arm whilst Grundon has sourced and specified their own 1.5 tonne Arden selector grab for the business end of the machine. Thus rigged, the EW240E materials handler provides a maximum forward reach of 10 metres and a maximum height of 12 metres measured at the attachment pin. With an optimum 800-litre capacity grab, the machine has a generous 3.7 tonnes lifting capacity at maximum reach across carriage with its outriggers down. To

facilitate grab rotation, the machine is equipped with x3 hydraulics along with x1 hammer/shear hydraulics and hose rupture valves fitted as standard.

Other options which have been added to the machine include a Fireward fire suppression system, Groeneveld twin greasing system and flashing rear blue strobe lights. The machine also sports highly visible chevrons on its counterweight which are made out of micro-prismatic vinyl sections. The machine has been provided with an extended warranty package and will be covered by a Volvo Blue service agreement which means its regular maintenance will be carried out by Volvo trained technicians using genuine Volvo parts at the correct service intervals.

Grundon is the UK's largest family-owned supplier of integrated waste management and environmental services. Operating from depots across the south of England, the company works in partnership with its customers to help minimise the financial and environmental impact of waste.

Founded in 1929, Grundon provide a total waste management service for the reduction, reuse, recycling, recovery and disposal of waste. This includes the collection, treatment, recovery, recycling and disposal of non-hazardous waste streams, in addition to dealing with all aspects of hazardous waste, including contaminated waste, clinical and healthcare waste and waste electrical and electronic equipment (WEEE). The company is also active in the



extraction and production of a broad range of aggregates and minerals for the construction, landscaping and leisure markets.

Every facet of the company's business is underpinned by its extensive fleet of 300+ road going vehicles ranging from waste collection vehicles, skip

lorries, bulk earthmoving and aggregates lorries to high sided bulkers.

SMT GB markets Volvo Construction Equipment products which include wheeled loaders, articulated haulers, hydraulic excavators, Volvo utility equipment and Volvo

road equipment products in Great Britain. There are eight strategically placed customer support centres, a dedicated National Used Equipment Centre and a network of utility equipment dealers to ensure high quality customer support is maintained throughout the country. www.smt.network

Aldermore launches automated digital Dealer Portal

Aldermore, the specialist funder, is enhancing its asset finance offering with the launch of a new online Dealer Portal.

The fully-mobile and optimised portal, which represents the latest move by Aldermore to invest in its technology and people, aims to improve the service that it provides to small businesses by simplifying the relationship between lending partners and customers.

Now available via the Aldermore website, the portal empowers Aldermore's dealers to manage their asset finance portfolio online using document generation and electronic signature capabilities to provide a fully paperless end-to-end process.

As well as allowing dealers access to multiple payment structures which will give them the capability to offer tailored financing options, based on each client's unique needs, the platform will also allow the immediate online submission of proposals to Aldermore's specialist underwriters, resulting in real-time deal updates.

With the launch of the Dealer Portal, Aldermore continues to grow its dealer offering for its asset finance customers, further strengthening its commitment to the UK SME industry and enhancing the services it can offer small business owners.

Patrick Jelly, Commercial Director for Aldermore Asset Finance comments: "We are delighted to be launching our new Dealer Portal. We thrive on our ability to deliver a quick, efficient and seamless 'end-to-end' customer experience and we believe this initiative will



improve it further.

"Our dealer partners demand an efficient, accurate and easy business model, and the portal will help us to better meet those demands. Thanks to our integrated approach, which pairs technology with a human touch, we're in a position to consider each case on an individual basis, ensuring we provide

every customer with a bespoke offering.

"We are extremely excited about the next stage of our Dealer Services proposition and look forward to continuing our work to support small businesses across the country."

<https://www.aldermore.co.uk/dealer-services>

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The Diversity Journey – Building the Future of Logistics



2019 everywoman in Transport & Logistics awards open for entries

The 2019 everywoman in Transport & Logistics Awards programme is now open for entries with organisers inviting nominations from across the industry, from aviation and shipping to road and rail. The awards are free to enter until 11 February, and further information can be found here.

Over the 11 years the programme has been running, everywoman has showcased the breadth of opportunities within the industry along with the career journeys of those who have made an impact through their occupations. During this time significant progress has been made to create a more

diverse workforce with more women than ever taking on senior management roles and a steady rise in female logistics graduates to 37%*. Yet with women making up less than 20%** of the transport and logistics workforce there continues to be a focus on career opportunity and awareness.

The industry is facing its biggest challenges in years. Not only is the number of transport and logistics jobs expected to grow by 22% by 2022***, the UK is facing a skills shortage in the wake of Brexit. As the sector keeps pace with new technology, so many roles increasingly require a multi-skilled workforce covering project management, sales, customer services and planning in addition to the

more traditional driving and warehouse positions. Through these awards, everywoman is creating vital role models to inspire women to explore the many and varied career opportunities in the sector.

The awards will recognise two winners per category; one successful industry "Leader" and one individual at any stage in their career who is going "Above and Beyond" for the business they work for. The Industry Champion Award will recognise a woman who is championing the progress of women in the industry whilst the Male Agent of Change Award will recognise a man with an active commitment to advancing the progress of women. For the first time in 2019, a rising star will be awarded the brand new

Apprentice of the Year Award.

Maxine Benson MBE, Co-founder of everywoman, comments, "Each year our awards play a vital role in changing the perception of the transport and logistics industry. With each success story shared by our nominees, more women are inspired to explore the variety of fulfilling careers in this ever-evolving industry. This year, we are highlighting the role that technology plays in creating even more opportunities in the industry and how this identifies the need for many different skills. And because we know that businesses with a more gender diverse workforce are 46% more likely to outperform those without, it is imperative that more women enter the industry." ****

The 2019 awards categories are as follows:

The Freight Award - This will be awarded to two women who are innovating and excelling in their role within freight (not including passenger transport).

The Customer / Passenger Award - This will be awarded to two women who are excelling in their role for customers / passengers in transport, logistics and freight.

The Infrastructure Award – sponsored by Amazon - This will be awarded to two women who are innovating or excelling in their role within transportation and infrastructure.

The Supply Chain Award - This will be awarded to two women

who are innovating and excelling in their role within the supply chain environment.

The Warehousing Award – This will be awarded to two women who are excelling in their role within a warehousing environment.

Industry Champion Award – sponsored by Asda – This Award recognises a woman who is championing the progress of women working in transport and logistics.

Male Agent of Change – This will be awarded to a man for his active commitment to advancing the progress of women working in transport and logistics.

New for 2019 Apprentice of the Year - sponsored by Amey - This will be awarded to any male or female apprentice excelling in transport and logistics.

The winners will be announced at an awards ceremony in London in June 2019. For further information, please visit www.everywoman.com/tlwards

Sources

* Expansion of female workforce brings real benefits to the logistics sector (UK Commission for Employment and Skills)

**Women working in logistics (Go Supply Chain)

***Women working in logistics (Go Supply Chain)

****Female leaders boost the bottom line (Financial Times) www.panematrailer.co.uk

Successful TCS&D show returns to its roots

Taking place for the fifth time, the bi-annual Temperature Controlled Storage & Distribution (TCS&D) Exhibition & Conference is returning to its original location at the East of England Arena in Peterborough.

Interest in the UK's only dedicated event for the cold storage and distribution sector is already hotting up. "We're delighted to have secured the support of a number of key trade associations," said Exhibition Director, Martyn Cogan, "including the British Frozen Food Federation, the Food Storage & Distribution Federation, the Freight Transport Association, the Road Haulage Association and the Institute of Refrigeration."

Innovation and education

Being held on 25 & 26 June, TCS&D 2019 has been designed to secure maximum benefit for all participants. "We're committed to creating a great experience for exhibitors and visitors alike," explained Martyn Cogan. "As well as a large number of stands, which will showcase the latest innovations in the temperature controlled storage and distribution sector, the event will feature no less than four streams of

free-to-attend seminars." The programme of seminars – which will take place in the Innovation Hub, the Storage & Transport Hub, the Big Issues Hub and the Refrigeration Hub – will feature up to 40 speakers from across the industry over the two days, covering topics relevant to the chilled and frozen food, pharmaceutical and haulage sectors. "We're also very excited to be adding extra value by providing access to videos of the seminars after the event for everyone who visited the show," added Martyn Cogan. "What's more, on the second day of the show we will be celebrating World Refrigeration Day. Taking place on 26 June every year, World Refrigeration Day – @WorldRefDay on Twitter – was founded by former President of the Institute of Refrigeration (IOR), Stephen Gill. Amongst the World Refrigeration Day celebrations at TCS&D, the IOR and ACRIB (Air Conditioning and Refrigeration Industry Board) will be running a series of workshops and will also be live-streaming selected seminars internationally to promote this global industry awareness campaign."

Gala awards evening

In addition, the annual TCS&D Awards will take place on the evening of the first day of the

show. Commented Richard Cogan, fellow Director and Publisher of Frozen & Chilled Foods and TCS&D magazines, "Recognising excellence in the perishable supply chain in a variety of categories, the TCS&D Awards are a great opportunity to reward success across our industry, as well as a chance for executives to network with their peers. With over 300 tickets already sold, it promises to be another fantastic night."

Brand-new features

The TCS&D show will see the introduction of new features including a demonstration area to showcase the latest material handling equipment for cold stores and a 'Ride & Drive Experience' track in the outside display area. "We're also introducing a new concierge service," said Martyn Cogan, "allowing visitors to seek help in being introduced to the right person to discuss their particular needs. There will be an opportunity to book appointments either online or at a booth at the entrance to the show."

Diverse range of exhibitors

A combination of the show's well-established reputation and active promotion on social media (hashtag #TCSD19) mean

that interest in the event has been high. Confirmed exhibitors include transport refrigeration manufacturer Carrier Transicold; vehicle suppliers Paneltex, Gray & Adams, Isuzu Truck UK and Truck Craft Bodies; temperature-logging and vehicle-tracking specialist

Seven Telematics; rapid-action freezer door manufacturer SAFE-door Industries; cold store constructors I Cold, Chalcroft and ISD Solutions; portable cold store supplier Cold Store Rentals; refrigerated vehicle rental and contract hire specialists

Petit Forestier, Prohire and VMS (Fleet) Management; and first-time TCS&D exhibitors Lineage Logistics and Chiltern Distribution.

For more details on the TCS&D Exhibition & Conference, visit www.tcsdshow.com.



JUST THE JUICE

EnerSys to present its latest motive power innovations at LogiMAT 2019



EnerSys (NYSE:ENS), the global leader in stored energy solutions for industrial applications, will present its latest innovations for motive power batteries and their related infrastructure at LogiMAT 2019 - the International Trade Fair for Intralogistics Solutions and Process Management – on 19-21 February 2019 in Stuttgart, Germany.

Technical experts will be on-hand at Stand B09 / Hall 10 to provide application assistance and showcase the latest NexSys PURE range of high-performance motive power 2V batteries and Hawker modular chargers, together with the next-generation Wi-iQ3 wireless monitoring device.

Commenting on the latest developments from EnerSys, Anssi Laitinen, Sr. Director of Marketing at EnerSys said: "The last 12 months' stream of new product introductions has been exciting for us. They clearly demonstrate our on-going commitment to state-of-the-art solutions that benefit material handling vehicle fleet owners in widely diverse environments."

The NexSys PURE range of high-performance motive power 2V batteries now has six new

cells. These taller additions suit higher duty and larger capacity applications, and accommodate more electric vehicle types and sizes than previously possible. The cells, based on Thin Plate Pure Lead (TPPL) technology, are available in heights ranging from 370 to 675 mm and cover C5 capacities from 130 Ah to 980 Ah.

TPPL technology, integral to the performance of the NexSys PURE range of high-performance motive power 2V batteries, reduces lifetime operational costs compared to flooded and gel alternatives.

Accordingly, these batteries have already transformed how many logistics, warehouse and production facilities around the world operate their truck fleets, due to features including fast and opportunity charging, zero battery change (ZBC™)

requirements and long cycle life possibilities.

EnerSys will also preview its forthcoming lithium-ion technology NexSys ION for motive power applications. The company's extensive experience with battery technology has informed their innovative approach to managing batteries and power. They focus on chemistry-agnostic solutions that directly address users' primary concerns - energy efficiency and operator safety – while not forgetting the importance of maintenance and diverse technology hurdles.

New additions to the Hawker modular charger range will be on show. The existing range of up to 80V has now been supplemented with 96V and 120V models, with capacity up to 21 kW. No other manufacturer can offer these specifications. EnerSys



has designed this successful product thanks to its expertise in electronics coupled with their many decades' experience in battery charging profile development.

Electrical efficiency improvements of up to 30 per cent compared with conventional 50 Hz chargers allow significant cost savings. The cost of charging a 120V 1500 Ah battery with a modular charger, for example, is about €36 – 37, compared with €50 for a conventional charger.

The new Wi-iQ3 wireless monitoring device represents a step advance for EnerSys and for the Wi-iQ battery monitoring product range. For over a decade, these have enabled electric warehouse vehicle users to optimise battery management, reduce the number of battery recharges or changes,

and maximise each lift-truck's uptime and productivity.

While retaining all these benefits, the new Wi-iQ3 wireless monitoring device, in combination with the Xinx™ cloud-based battery operations management system, has evolved from a monitoring device into an active IoT gateway that gives users a deeper insight into their battery fleet and its status.

Visitors will also see the new Truck iQ™ smart battery dashboard, which gives materials handling vehicle driver's visibility of their battery's status from their seat in real time. This easily-understood information enables drivers to optimise their battery's utilisation and power management, while avoiding the risk of damage or productivity loss due to incorrect usage.

Battery data is measured by

wireless sensors located on the truck battery, and collected by a Wi-iQ3 battery monitoring device that relays information to the Truck iQ™ smart battery dashboard display via Bluetooth BLE. This communication channel is established quickly and automatically on power-up, without need for driver intervention.

Anssi Laitinen comments: "Stand visitors will be given an updated view of our innovative technologies, and how they can benefit from these in terms of improved productivity and power efficiency."

To learn more about the advanced technologies mentioned above, please visit EnerSys at Stand B09 / Hall 10 throughout LogiMAT. For more information visit

www.enersys.com.

Cimcorp

to provide automated order picking system for Synlait's new liquid milk production facility



Working with food packaging and processing integrator Tetra Pak, Cimcorp will optimize material flow and throughput from production to dispatch within the site at Dunsandel, New Zealand.

Cimcorp, a manufacturer and integrator of turnkey robotic order fulfilment and tyre-handling solutions, announces it will install its MultiPick materials handling solution for Synlait Milk (NZX: SML; ASX: SMI) at its new liquid milk production facility in Dunsandel, New Zealand. As part of a project with food packaging and processing integrator Tetra Pak, the solution will fully automate Synlait's order picking process, optimizing material flow and throughput from production to dispatch.

Synlait is a young, pioneering New Zealand-based company that combines expert farming with state-of-the-art processing. It produces a range of nutritional milk products that benefit the health and wellbeing

of its global customers. Since 2008, its Dunsandel site has grown to become one of the largest integrated infant formula sites in the world. To expand its product portfolio to include liquid milk, Synlait is building a new production and packaging facility.

Neil Betteridge, Director Operations, Synlait, said, "We're excited to work with Cimcorp and Tetra Pak to automate the order picking process within our new production facility. The speed and precision offered through automated materials handling will help us streamline operations and maximize the freshness of our new liquid milk products. It will also improve the health and safety of our people, as staff will not be required in cold storage areas for long periods of time. We'll have a modern facility, ready to meet the demands of today's food supply chain."

Notably, the highly efficient MultiPick system will enable Synlait to transport 1,800 crates from inventory to loading every

hour and easily meet production rates of 7,000 crates per day. At the core of the solution will be Cimcorp's Warehouse Control System (WCS), which will provide control over all inventory management, system functions and pick planning, as well as integration with the order management system.

Derek Rickard, Distribution Sales Manager, Cimcorp, said, "With an automated picking process, Synlait will be able to significantly increase its order fulfilment speed and shorten its lead times, resulting in maximized product shelf life – a critical aspect of the dairy business. Moreover, the WCS software will help Synlait not only optimize material flow with advanced control over product movement and order accuracy, but also collect and provide traceable data to support food safety requirements."

Installation of the system will commence in the first quarter of 2019.

www.cimcorp.com

ILS showcasing pallet labelling system for beating the cold

Empack Exhibition, 27-28 February NEC Birmingham Stand G8

Pallet labelling technology that can operate in sub-zero temperatures will be on show at the Empack Exhibition 27-28 February NEC Birmingham Stand G8, where Industrial Labelling Systems (ILS) will be promoting the latest in high performance, labour saving solutions suitable for the harshest conditions.

ILS, the sole UK distributor of Evolabel's print and apply applications, will be demonstrating the FlexWipe pallet labeller, versatile and highly accurate equipment that can perform equally well at a freezing minus 20 degrees Celsius as at normal room temperature. The company will also be displaying a Quicktamp box labeller and Blow Vac Non-Contact box labeller.

FlexWipe, one of the most advanced, smartest and safest systems around that can meet the demands from food and drink manufacturers for accurate labelling of pallets in different environments, will be put through its paces on stand G8 at the NEC, where the ILS team will be on hand to discuss the other long-term benefits of this extreme-temperature beating technology.

In addition to a labelling solution that can take employees out of the cold, ILS will be showcasing highly-accurate and box clever equipment for the logistics market that helps to speed the flow of goods through the supply chain, eliminating bottlenecks in the labelling process.

Quicktamp box labeller is a fast and flexible applicator developed by Evolabel in Sweden that can handle packages of all dimensions – an ideal solution for 3PL companies and the frenzied distribution environment of e-Commerce firms, where the need for quick turnaround times is paramount.

Last but not least, is the Blow Vac Non-Contact box labeller. This applicator does what it says on the tin – allows contact free and safe applying of labels up to 200x100mm for the T63 printer or up to 100x200mm with the D43 or T43 printers. Its patented 3D designed applicator plate with intelligent integrated vacuum injectors and blow nozzle can accurately apply a label up to 200mm away.

The flexibility and robust build of ILS's range of label applicators make them ideal for frozen and chilled conditions as well as remote locations. The equipment also offers maximum life out of Printhead and Platen Rollers, meaning the storage of spares can be vastly reduced, saving customers money.

Denis Brett, managing director of ILS, said: "We pride ourselves on delivering transparent solutions that customers find invaluable. Empack provides a great platform for us to showcase advanced labelling technology for extreme conditions that is now available in the UK. Evolabel's world-class equipment is suitable across all sectors and can provide the lowest cost of ownership."

The various technology available from ILS can be installed as part of an automatic packing line, or as a standalone solution. The business also provides a full after sales support service in the UK and Ireland and dial-in remote app support giving its customers peace of mind that production lines can be maintained effectively and businesses run smoothly and efficiently.

ILS will be on Stand G8 at Empack. If you can't make the show but would like more information please go to:

www.ilsystems.co.uk.



RFID has sometimes been misunderstood but its benefits are very real

says TouchPath international CEO David Myers

The ability to deploy RFID* effectively should not be underestimated: in that sense it is not a forgiving technology. However when implemented well RFID can have a major impact on company performance. Here we assess RFID for users looking at adopting or expanding their use of this sometimes misunderstood but always powerful technology.

*radio frequency identification

A lack of understanding?

Wider RFID adoption has been slow for a number of reasons, including the need to re-engineer processes to allow it to function fully and a lack of understanding of the changes in handling and storage needed to ensure the accuracy of RFID reads. For example a warehouse worker can point the beam of a barcode scanner to a single box on a shelf to scan – but with RFID all tags surrounding the intended target are also picked up.

Specific RFID frequencies and technologies are better suited to some projects than others: as a result there is a risk of the wrong type of RFID technology being selected to perform a specific business task. Also, companies

have benefited from other technologies as alternatives to RFID including fixed barcode scanners, cellular, Wi-Fi and GPS.

Widely used in industry

RFID has been successfully adopted in the automotive industry where it is used to track manufacturing processes to determine the status of assemblies. RFID is used in a wide variety of manufacturing and other industries, for example to track the movement of car and rail traffic, healthcare personnel and equipment, and in farming, livestock.

In warehousing and shipping using RFID to check shipment accuracy has been of major benefit as shipment inventory content is then known and exceptions can be identified. And in manufacturing RFID is widely used to track Work in Progress from the raw materials, labour and machine costs incurred for products at different stages of production.

RFID challenges

RFID is not for everyone: some warehouses are not set up to ensure accurate RFID implementation and some

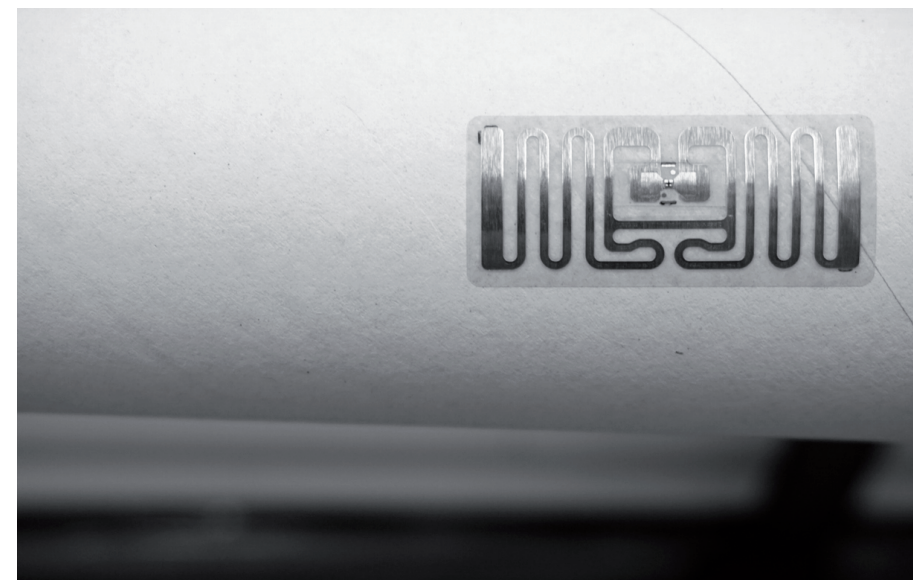
materials can make RFID reads more difficult, although specialised tags and readers can be used to counter the second problem. But knowing whether an RFID reader (which reads everything in its read range) picked up unintended data or missed a tag can be more difficult than a barcode reader where scan success is verified by audio or light.

RFID and barcode scanning co-existence

The fact is that both technologies have a role to play. Far from being mutually exclusive they are complementary and indeed can be used simultaneously to broaden the user company's ID capabilities. In our view all organisations should be using some form of AutoID which today is very cost-effective, quick and simple to implement.

Robotics, IoT and the role of AutoID

Any form of AutoID is vital to robotics and IoT (the internet of things): identifying larger numbers of items is impossible without it. And as block chain data becomes assigned to individual items, so assigning unique, unforgeable identifiers to those items will also require new forms of AutoID.



RFID for asset tracking

Asset tracking is one of the best applications of RFID; check-in and check-out processes can be automated in this way. Inventory-by-location RFID can also be very effective: for example TouchPath used RFID to implement a tool-tracking real time location system (RTLS) in a 60 acre manufacturing facility with the ability to locate equipment to within a range of one metre.

Going forward...

RFID tags with updateable, readable user data areas are set to revolutionise environments

with item/asset inspection, expiration and usage tracking needs. Storing inspection, expiration and maintenance dates on RFID tags allows in-field inspections when access to computer systems is limited. Tags can be updated as the equipment is re-certified, serviced or inspected then returned to service in the field. Mobile RFID equipment comes into its own in those environments where barcode labels cannot be printed or applied. User data areas in RFID tags can also be used to store IoT and block chain data. www.touchpath.com

Renovotec to feature latest Honeywell Thor™ VMIA 'Vehicle-Mounted Computer' and 'EDA60K' Mobile Computer at IntraLogisteX 2019

Show offers include 5 years maintenance for the price of 3 on the VMIA; 3 years maintenance for the price of 1 on the EDA60K

Renovotec, the UK's fastest growing rugged hardware, software and services provider for supply chain companies is to show Honeywell's new 'Thor™ VMIA' vehicle-mounted Android computer plus the latest ScanPal™ family 'EDA60K' mobile computer at IntraLogisteX 2019 (26-27 February, Stand 412). Renovotec's on-stand offers for orders secured at IntraLogisteX include five years maintenance for the price of three on the VMIA and three years maintenance for the price of one on the EDA60K.

The EDA60K is the latest addition to Honeywell's ScanPal family of products. Built on Android it has been developed to speed data input and increase productivity for mobile on-site workers in retail inventory management, light warehouse management and e-commerce logistics workflows say Honeywell. The EDA60K's "powerful, future-ready platform" uses a Qualcomm® quad-core processor and runs on the Android 7.1 (Nougat) operating system, with dual data entry that supports both touchscreen and physical keypad input, a multi-touch 4-inch screen and "robust, high-speed



Wi-Fi connectivity" for real time visibility of business-critical information.

The VMIA, the latest member of the popular Thor™ vehicle-mounted family includes a Qualcomm 660 processor, integrated keyboard and read-anywhere 8-inch-touchscreen.

"We are the UK's leading independent rugged technology provider for supply chain companies. IntraLogisteX is the right venue for us and more importantly, it is time well spent for our users" says Renovotec managing director Richard Gilliard.

www.renovotec.com

Carpet Recycling UK: landfill diversion of carpet waste rises



The volume of carpet waste diverted from landfill in the UK has shown a modest increase with 175,252 tonnes reused, recycled or recovered for energy in 2018, according to Carpet Recycling UK.

This represents a diversion rate of 44% - up from 42% and an increase of 7,252 tonnes on 2017, the not for profit membership association reports. Around 400,000 tonnes of waste carpet arise each year in the UK.

Energy recovery accounted for 113,914 tonnes – 65% of the total and a reduction of 10,087 tonnes from 2017. Reuse and recycling of waste carpet was up by 19,338 tonnes on 2017 to 61,338 tonnes, representing 35% of the total.

In 2018, main growth areas were in equestrian surface materials, carpet tile reuse, carpets for cement kilns as a renewable resource to replace fossil fuels for export and in the UK and local incineration of municipal solid wastes (MSW).

Commenting on their 2018 achievements, CRUK Scheme Manager Adnan Zeb-Khan said: "Our Core Funder manufacturing and distribution membership continues to grow, providing exceptional support to CRUK as well as to their customers.

These Core Funders are industry leaders in developing voluntary producer responsibility for carpets throughout their lifecycle."

CRUK's core funders are Cormar Carpets, Lifestyle Floors/Headlam, Brinton Carpets, DESSO, ege, Milliken and Balsan.

Adnan noted that CRUK's retailer and flooring contractor membership has increased as more companies recognise cost savings and sustainability impacts for their businesses. "They appreciate the help from our Core Funders to improve their results, in many cases saving thousands of pounds per year," he continued.

Consistent awareness and interest in recycling carpet waste resulted in around 620 wide-ranging enquiries received by the CRUK team in 2018. CRUK's social media presence continues to attract enquiries and generate leads from retailers, contractors and recyclers.

Last year's fifth annual Carpet Recycling Awards celebrated innovations developed by specialist carpet reuse and recycling members across a wide range of categories, including recovering value from carpet manufacturers' and distributors' waste to create new flooring

products.

Commenting on their 2018 achievements, Adnan added: "We are making progress towards our target of 60% landfill diversion by 2020 and are proud of what we have achieved in our first decade. With strong commitment and support from all our Core Funders, members and the supply chain, we will continue to work tirelessly towards our sustainability goals."

Looking ahead, Carpet Recycling UK will focus on increasing support from membership across the flooring sector as the 2020 target approaches – equivalent to 240,000 tonnes landfill diversion of carpet waste. The organisation will also promote increased recycled content in textile flooring and 'circular production' practices.

Carpet Recycling UK invites support from companies across the carpet sector who wish to raise their green credentials, operate more sustainably and reduce waste. Their 2019 Annual Conference and Awards event will be held on Thursday 18th July at Edgbaston Cricket Stadium in Birmingham. For more information, call Marie Rhodes on 0161 440 8325 or visit www.carpetrecyclinguk.com.

www.axionconsulting.co.uk

Improve your traction on snow & icy roads with RUD Automatic Snow Chains

With temperatures set to fall over the coming months the risk of driving in snow and ice is something you should be prepared for. It is essential your fleets and vehicles are ready and able to get to their destinations regardless of the weather conditions.

It is easy to end up in an unwanted situation where you and your vehicle are stranded on snow or ice and are in need of extra traction to assist you safely on your way. This is when an Automatic Snow Chain System should be a necessity.

RUD Automatic Snow Chain Systems, ROTOGrip have been specifically designed for commercial and emergency vehicles. The automatic snow and ice chain is deployed with just a flip-of-a-switch from the driver's seat, while the vehicle is in motion. Simply switch on when the weather becomes dangerous and off when the road is clear of snow and ice.

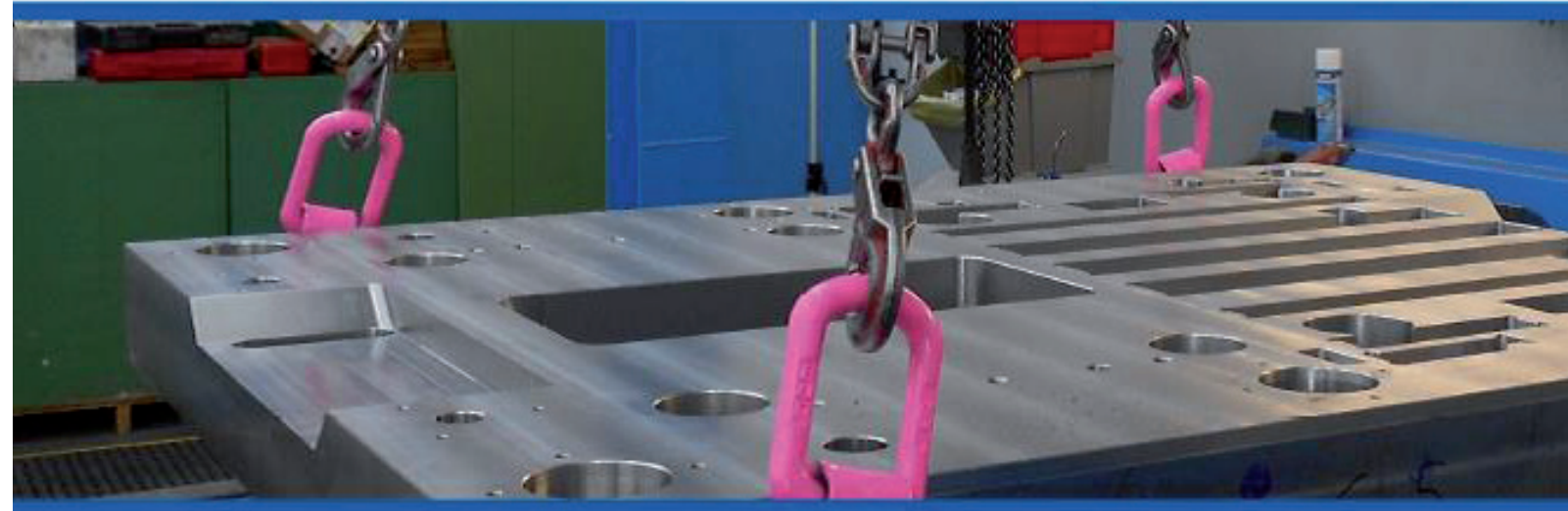
The benefits of Automatic Snow Chains are indispensable, offering immediate safety at the flip of a switch, reduces installation time and downtime stuck at the side of the road.

RUD Automatic Chains can be used across a range of vehicles from road haulage, buses, public transport and emergency service vehicles. The chain comes with pre-tensioned springs which lay the chain strands under the tyre evenly; making driving on chains a much smoother process benefitting the system and the tyres.

RUD Automatic Snow Chains getting you there when you need to regardless of the weather
 Tel: 01227 276 611 Email: Katie.marshall@rud.co.uk www.rud.co.uk



LIFTING POINTS FOR BOLTING



Power Point Star Lifting Point

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- Turns 360°
- Operates to -40°
- "Clevis Fitting" allows 3 types of connections into the clevis; chain, hooks & master ring



VLBG Load Ring

- VLBG can be turned 360°
- Loadable in all directions
- Ultimate safety in lifting



VWGB Load Ring

- One of RUD's most popular load rings
- Suitable for loads that swivel & tilt
- Loadable in all directions
- 4:1 safety factor



INOX-STAR Lifting Point

- Offers 50% higher working load limit than DIN eye bolt
- No directional restrictions
- Can be set to direction of the pull
- Turns through 360°
- High resistance to corrosion



Star Point VRS Lifting Point

- Known as the star among eye bolts
- Swivels to direction of the load lift
- The working load limit is therefore always at the direction of the load
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WBPB Hoist Ring

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- Heavy duty lifting
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- Suitable for lifting & turning of loads



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