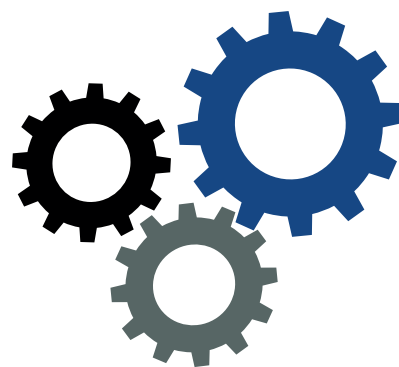


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WELCOME

Dear Reader,

Welcome to the launch edition of the Manufacturing & Supply Chain Buyers Guide. In a world that continually evolves, the role of manufacturing and supply chain management has never been more critical. This guide stands as a testament to the industry's resilience and adaptability. The companies and organisations profiled in this publication are at the cutting edge of innovation and technological advancement. We encourage you as a buyer in the manufacturing sector to engage with these organisations.

Over the past year, the manufacturing landscape has witnessed unprecedented changes, driven by technological advancements, global events, and shifting consumer demands. The 2024 Buyers Guide reflects these transformations, offering a comprehensive resource for professionals navigating this dynamic environment.

Inside these pages, you will find insights from leading experts, innovative solutions from top-tier providers, and a wealth of information to empower your decision-making process. Whether you are a seasoned industry veteran or a newcomer seeking to understand the latest trends, this guide is your indispensable companion.

As we embark on another year of progress and innovation, may this Buyers Guide serve as a valuable tool in your quest for excellence in manufacturing and supply chain management. Here's to another year of growth, collaboration and success in the ever-evolving world of industry.

This publication is being circulated physically and digitally to over 12,700 key decision makers in the food, beverages, pharmaceutical, medical, chemical, electronics and precision engineering sectors. To be included in the 2025 issue please contact me – see details below.

Colin Murphy
Managing Director
Manufacturing & Supply Chain Buyers Guide
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Company Directors Peter Harrington and Steve Cook have a vision which revolves around customer satisfaction, achieved by attentively listening to their requirements and crafting an extensive product range accordingly. Our customer-centric approach is underpinned by an experienced and efficient team, dedicated to providing dependable advice.



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Contact Details

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Whichever industry your business is in, Dawsongroup's Smarter Asset Strategy provides the solutions you need to streamline your processes and optimise your efficiencies. Contact Dawsongroup tcs Ireland today for expert advice you can rely on.

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THE ADVANCED MANUFACTURING AND TRAINING CENTRE OF EXCELLENCE (AMTCE)

The Advanced Manufacturing Training Centre of Excellence (AMTCE) in Dundalk Co. Louth was established by Louth & Meath Education and Training Board (LMETB) in January 2021.

Located on the MI Dublin/Belfast corridor, the AMTCE is strategically placed as an 'All Island' centre of training excellence, addressing the identified skills needs of industry within advanced manufacturing and related sectors, as they embrace digital transformation through the adoption of Industry 4.0 related technologies.

The AMTCE works with Industry to offer upskilling and reskilling training programmes that are accessible and innovative in response to identified skills needs, supports future training requirements and develops highly skilled and agile talent pipelines to secure the future success of Ireland's economy.

The AMTCE focus on the delivery of high-quality training courses and programmes through flexible delivery mechanisms utilising state-of-the-art, industry standard training equipment and software. This ensures our learners receive high quality hands-on experiential learning and skills training which is highly valued by employers.

Working with the SOLAS Skills to Advance funding initiative (<https://www.solas.ie/programmes/skills-to-advance/>), the AMTCE delivers short, flexible and accessible courses, that include micro credentials, delivered by leading industry practitioners across a range of Industry 4.0 related topics including:

- Robototics and Collaborative Robotics
- Modern Methods of Construction
- Additive Manufacturing and 3D Printing
- ICT
- Cyber Security
- Electrical and Automation Systems
- Metrology Systems
- Maintenance
- Precision Engineering (CNC/CAD/CAM)
- Processes and techniques for Pharma/ BioPharma, Med Tech, Food and Beverage
- Operational Optimisation

In addition, the AMTCE also focuses on talent pipeline generation for the sector through the provision of apprenticeship and traineeship programmes. The AMTCE is also currently developing a new national L6 Apprenticeship in Robotics and Automation.

Manufacturing is a global activity, and in recognition of this reality, the AMTCE has developed a number of strategic partnerships. Memorandums of Understanding (MOU's)

between the AMTCE and Irish Manufacturing Research (IMR), Portview Trade Centre (Belfast), Catalyst Connection (Pittsburgh, USA), Holo-Light (Germany) and AM Group (UK) provide the centre with continuous access to insights into industrial trends and innovations in advanced manufacturing related technologies and evolving training needs.

The AMTCE is a truly innovative project and one which is going from strength to strength. The AMTCE team is here to help you and your business with your training and skills development needs. Pickup up the phone or send us an email, we want to hear from you!



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Tel: (042) 941 9040

Email: AMTCE@lmetb.ie

Address: Building B,
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AQUA SAFETY SHOWERS and the Importance of Having an Emergency Safety Shower



Aqua Safety Showers International Ltd is a UK manufacturer and supplier of emergency safety showers and eyewashes and has over 30 years experience in this industry. Based in the Northwest of England, they have strived to build up a brand well known in the marketplace. Janet Waine, Managing Director of Aqua Safety showers explains how important a safety shower is and what is required to meet legal requirements.

The Health and Safety at Work Act 1974 states all employees have a safe place to work. In industries and workplaces where employees handle hazardous materials, the importance of having an emergency safety shower cannot be overstated. Accidents can happen, and exposure to chemicals or other dangerous substances can occur unexpectedly, putting workers' health and well-being at risk.

By installing a safety shower unit, you are meeting your duty of care to your employees as well as promoting a culture of safety within your workplace.

The latest specifications for safety showers state that the shower should deliver tepid water to avoid thermal shock and further injury. The unit should be easily accessible and visible.

The best option to achieve this is to install a TS1500L self-contained safety shower. This unit holds 1500L of water

which is warmed to 18-20°C and will deliver the required 15 minutes of tepid water both from the shower and eyewash (if fitted).

This unit is manufactured from stainless steel and GRP which are all corrosive resistant materials and comes with photo luminous signage as standard. Many optional extras are available to suit site requirements and specifications.



A washdown hose reel is a piece of equipment that should be installed at the side of the safety shower so the area can be hosed down after any spillage.

Aqua safety showers offer a range of retractable wash down hoses which are built into a heavy-duty GRP heated cabinet. The cabinet is mounted on a stainless-steel pedestal.

A safety shower is an asset and should last for approximately 20 years. To ensure this long service life of this piece of equipment the unit should be tested weekly to ensure correct operation and serviced ideally every 3-6 months. At Aqua, we understand the importance of keeping your safety shower in optimal condition to ensure the well-being of your workforce.

By ensuring a service contract is in place you are investing in the longevity and reliability of your asset. Aqua Safety showers offer a complete maintenance package for any model of safety showers and offers site surveys should this be required.

Conclusion:

Having an emergency safety shower in the workplace is not just a legal requirement; it is a vital investment in employee safety. By providing immediate access to decontamination, safety showers play a crucial role in preventing and reducing injuries resulting from exposure to hazardous materials. Moreover, they ensure compliance with regulations, enhance emergency preparedness, reduce costs, and promote a culture of safety within the organization. Employers should prioritize the installation, maintenance, and regular training on the usage of safety showers to create a safer and more secure work environment for their employees.

Contact Details

For more information or advice on please call us on

+44(0)1942 318096

or visit

www.aqua-safety.com

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JACOB mass produce a range of thin-wall, fully-welded modular steel pipework & ducting components for air-conveying, extract-lines or gravity chutes. Normally delivered from stock, 21 standard diameters are available from 60mm to 1250mm in a choice of 1mm, 2mm or 3mm thick powder coated, galvanised or stainless steel. Diameters of 350mm and above are available with loose or welded flange connections.



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This low-cost range of mass-produced products compare favourably with custom-built sheetmetal ductwork which are usually produced for a particular project and therefore costly. All moving components are available to ATEX-certified standards on request – earthing continuity can be achieved either through using conductive elastomer gaskets or by adding a mechanical earthing bridge over each connection.

These pipe systems are a favourite choice for low pressure conveying due to their tight connections, fast assembly and ability to be easily disassembled for cleaning or maintenance. The connections can be used at differential pressures of

up to 1.5 bar and form a condensate leak proof seal. Popular in food industries, bulk handling and environmental applications, JACOB systems are found in industries as diverse as potato crisps to petrochemicals or sugar to semi-conductors.

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Manufacturing in 2023: Optimism Through Turbulence



With a distorted global picture, a slowing world economy, continued inflationary pressures, and conflict in Europe, 2023 has been a challenging period for many industries including Irish manufacturers, writes Cian Kelliher, Partner Consulting, KPMG. Despite these challenges, global and Irish manufacturing CEOs are still optimistic with 64% confident for their growth prospects over the coming three years.

Managing Challenging Times

Weakening consumer sentiment, both globally and in Ireland is evident this year. This, combined with increased consumer demand and spending in the services sector, is driving a contraction in manufacturing. Many organisations have already taken significant steps to ensure their resilience.

- A majority (86%) are planning to focus on productivity
- Almost two in five (39%) have paused their digital transformation strategy
- 84% have or will onshore operations or bring them in house
- 86% plan to or have diversified their supply chain

Rethinking International Strategies

COVID-19 heightened global supply chain challenges - these have been exacerbated further by the Russian invasion of Ukraine. As such, organisations are reshaping their supply chains. 84% of CEO are nearshoring, onshoring operations or bringing them in-house. Even more are diversifying their supply chain to mitigate vulnerabilities. Encouragingly we have begun to see some of the bottlenecks easing - with increased shipping capacity on some trade routes and in Ireland we are seeing shortened supplier delivery times.

ESG – Focus & Reward

A growing body of evidence highlights that a focus on sustainability and wider ESG initiatives creates value for companies. Furthermore, there is also an increase in ESG-focused institutional investment.

It is encouraging to see globally and with Irish manufactures, most CEOs now recognise that the cost of decarbonising their business is the least important challenge. Interestingly, we are also

seeing new emphasis placed on the S, with a third (33%) of CEOs stating taking a proactive approach to societal issues will be the biggest driver of their ESG strategy.

With ESG objectives we ask clients to focus on objectives that are important to them, that link to their organisational objectives, and where they can do the most measurable good.

Future Proofing – Digital Transformation & Talent

CEOs rightly identify attracting and retaining talent as their top priority over the next three years. Yet, less than half (43%) identify skill development as a key priority in meeting their transformation objectives. This appears to be a disconnect that manufacturing leaders need to consider. Employees are the driving force of a transformation – ensuring you have the right mix of skills and talents is paramount to maximise its potential. It is hugely important that employees support and have a sense of ownership of the transformation strategy. Employees are at the centre of a transformation, hence the importance of retaining talent and understanding employee motivations are key.

One area we see divergence between leaders and employees is remote working. Almost three-quarters (73%) of CEOs predict teams will have fully returned to the office in three years, yet employees highly value the flexibility that remote and hybrid working offers. With talent and skills shortages such a perennial problem, organisations need to consider the balance that works and develop strategies around this that can attract and retain talent.

Enhancing Growth Ambitions

CEOs understand M&A is an important way to rationalise their portfolio and drive growth. Just over half (51%) of CEOs have a strong appetite to undertake acquisitions that will have a significant

impact on the overall organisation over the next 3 years.

Despite the current challenging transaction environment, it remains an important tool for manufacturers to strengthen their organisations. In 2023, we have seen a stabilization of deal volumes, focusing on strategic acquisition rather than deals driving scale. An easing of the macroeconomic environment could see a return of larger more transformative deals, however, with the European Central Bank (ECB) signalling a likely further increase to interest rates during 2023, this may well dampen demand and volume.

Optimism through turbulence

The global and Irish picture in 2023 is difficult to decipher, but for manufacturing leaders this is nothing new. Based on our 2023 survey CEOs are navigating the challenges – Addressing ESG, Supply Chains, Talent and Transformation questions to drive sustainable profitable growth in their organisations

Contact Details

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Our lifecycle solutions consistently drive efficiency gains and cost savings. Our products are private-labelled and endorsed by Fortune 500 automation leaders, showcasing our commitment to excellence. Our clients include global leaders like Amgen, BHP Billiton, Pfizer, Braskem, DuPont, ABInbev, Cargill, Nestle, and Coca-Cola, among others.

This highlights Control Station's commitment to excellence, its impact on efficiency and cost savings, and its impressive roster of clients in various industries.

Capturing the Market Opportunity

The global process automation market, valued at approximately \$134 billion, is in rapid growth driven by the demand for enhanced production efficiency. Advancements in data collection and analysis, combined with the retirement of an aging workforce, are asking for the adoption of automation technologies. Control Station is ready to lead this transformation.

Control Station collaborates with technology leaders such as AVEVA/OSIsoft and Rockwell Automation to

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PlantESP™ offers real-time monitoring



and issue identification, enabling manufacturers to optimise control systems and prevent costly downtime. It proactively identifies a range of mechanical and controller tuning issues that hamper efficient production.

PlantESP™ assesses performance issues resulting from loop interaction. With its library of KPIs and advanced forensic tools, PlantESP™ simplifies the isolation of root causes and the optimisation of loop performance.

PlantESP™ empowers users with valuable insights, including power spectrum analysis, cross-correlation, and TuneVue™, ensuring efficient operations and reducing production disruptions.

Experience Control Station: A Partner in Excellence

Control Station has a long-standing reputation as a trusted partner of industrial automation, process control, and production optimisation. We are committed to innovation to help in achieving manufacturing excellence.

Our digital lifecycle solutions, LOOP-PRO™ and PlantESP™, deliver capabilities for PID controller tuning and plant-wide diagnostics.

Join our ever-growing community of satisfied customers to enhance efficiency, reduce operational costs, and maintain a competitive edge.

Unlock your plant's full potential today!



Contact Details

6Gaol Road, Roscrea,
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emeasales@controlstation.com

www.controlstation.com

Portakabin®



**Providing manufacturing space
solutions from gate houses
to welfare units**

portakabin.com

Portakabin: Unsurpassed in the Irish Modular Market

Portakabin is one of Ireland's best-known manufacturers and suppliers of modular buildings. In addition to providing stunning permanent buildings for every part of society, Portakabin also has a long history of supporting the construction industry, especially in times of crisis.

Crucially, some of the benefits of the modular approach, namely the speed of delivery, the safety and lack of disruption during installation are particularly relevant to the manufacturing sector as businesses need to scale rapidly to meet increasing demand.

Getting support on time and on budget – a Portakabin core promise – has never mattered more, especially when your own business is focused on meeting deadlines.

The nationwide coverage offered by Portakabin with four visitor centres across Ireland, gives businesses a local point of contact that understands their particular needs. It's backed up by the reach of a national company which is particularly useful for companies that have multiple sites across the country and want the same high standards of products and services everywhere.

Portakabin understands the regulations and requirements of the Manufacturing sector, offering fully Part L compliant, 60-minute fire rated buildings to ensure the utmost safety of your workers.

With a turn-key service that provides endless

scale and size options, all delivered on time and on budget, the quality and service that Portakabin is able to provide are appreciated by manufacturers both small and large. The standard of smart, modern site cabins for hire from Portakabin is unsurpassed in the Irish modular market and its newly manufactured



portable buildings provide a consistent look and quality that help to enhance corporate reputations.

Portakabin recently worked with a leading pharmaceutical manufacturer as they

developed a new API plant for more than 1000 staff in total. During the development of this facility, they required a security building, welfare facilities and an office block for their staff, which Portakabin have delivered in phase 1, with additional office and welfare buildings being provided in phase 2.

Portakabin's newest Alta building was chosen for this project. The exceptional safety standards and maximum energy efficiency of this building meant it was the perfect fit to ensure a safe, comfortable and accessible working environment for the staff.

In phase 1, Portakabin has already delivered over 2000m2 of space, and will deliver an additional 744m2 of space in phase 2, which is a crucial element in keeping this development an efficient and safe space for everyone involved.

Whether your business has a large-scale space requirement like this one, or a needs a singular standalone building, the expert team at Portakabin will work with you to find the perfect space solution.

Many businesses that work with us these days want to know what we as a supplier are doing to mitigate climate change. Portakabin has a proud legacy of innovating in modular building and we are dedicated to using this creative approach to respond to our changing climate. We have committed to a Net Zero roadmap that defines the ways in which we will reduce the emissions associated with our business, and provide our customers and communities with innovative products and services that help to meet their sustainability ambitions.

If you'd like to know more about how Portakabin could help you now or in the future click below to arrange for one of our modular building experts to get in touch and discuss your options.

Portakabin®



Contact Details

Portakabin (Ireland) Limited,
Roseville Business Park,
Turvey Avenue, Donabate,
Co Dublin

018085055

www.portakabin.com

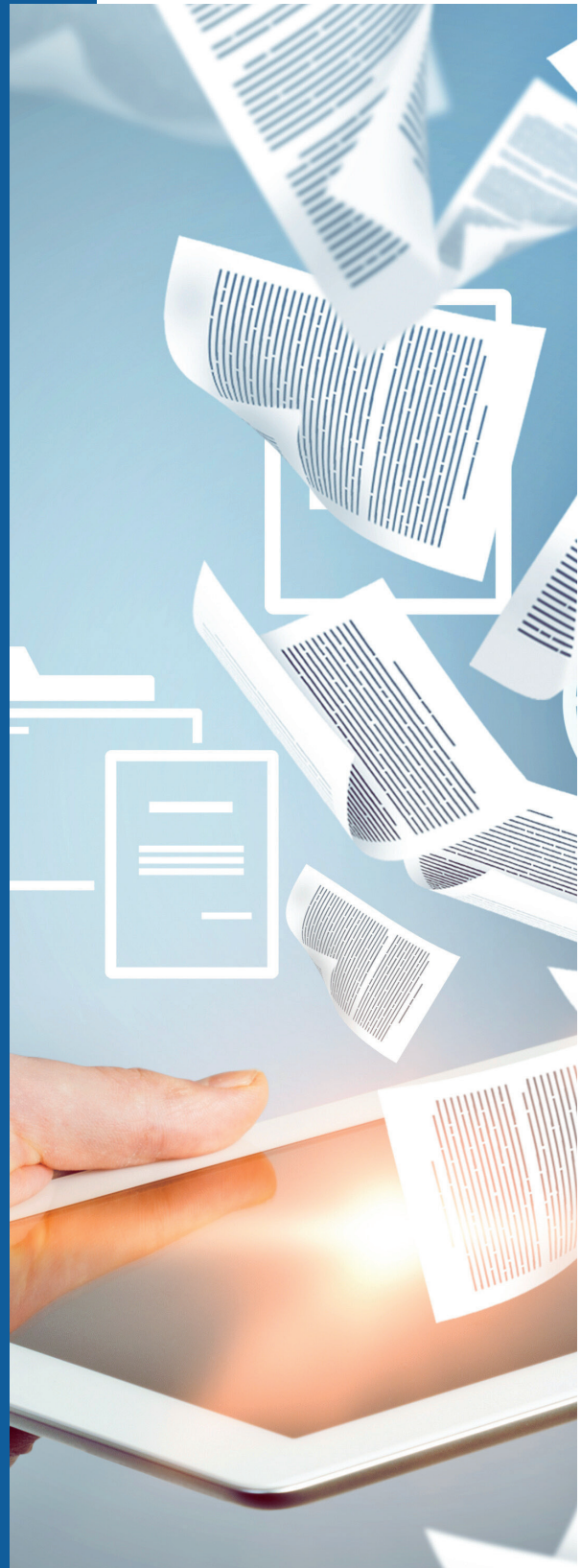
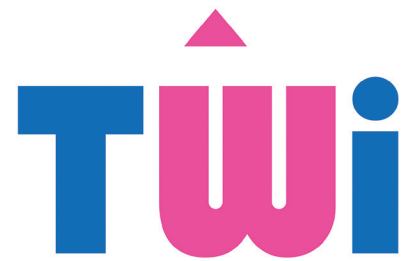
Revolutionise Your Manufacturing Process with Intelligent Authoring

The Power of Intelligent Authoring for Life Sciences:

- **Accelerated Manufacturing:** Reusable content chunks reduce the time needed for procedural content updates.
- **Enhanced Efficiency:** Improved overall efficiency by streamlining content creation with small, reusable content segments and automated document assembly.
- **Error Reduction:** Structured, rule-based authoring minimises errors in critical documentation.
- **Quality Assurance:** High-quality, consistent documentation derived from a single source.
- **Adaptability and Cost Savings:** Content quickly adapts to changes and is cost-effective to maintain.

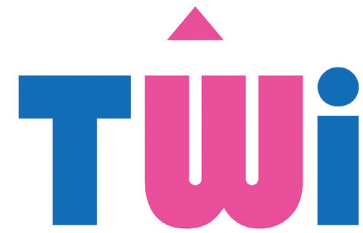
Bring Technological Innovation to Your Documentation.

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Intelligent Authoring: The Smart Way To Speed Up Your Manufacturing Process



Industry 4.0's cutting-edge technology has dramatically transformed every part of the product manufacturing process, from R&D to supply chain. Automation and digitization have heralded breakthroughs in efficiency and productivity. Now, the Fifth Industrial Revolution is capitalizing on these advantages while also prioritizing human involvement in collaboration with AI.

There has never been a better time to review your company's manufacturing procedural content to ensure it is revolution ready as the move from documents to data is well underway. Whether paper-based or paperless, if you create your own procedural content such as SOPs and work instructions in MS Word and review PDF outputs, you hold the key to speeding up your manufacturing process, improving efficiency, reducing error, and driving sustainability goals.

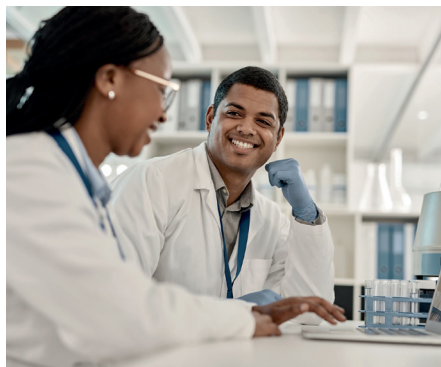
Intelligent authoring has existed for decades, but this novel approach tailored for regulated industries like Pharma, BioPharma, and Medical Devices holds significant promise. Current authoring processes are labour-intensive, with long review cycles necessitated by quality assurance and underpinned by robust change control. These rigorous checks are critically important, but better results can be achieved quicker, cheaper, and more reliably by using intelligent authoring.

What is intelligent authoring?

Intelligent authoring is the creation from scratch of human-generated machine-readable content. Instead of single long-form documents, such as SOPs, the whole content is made up of separate small segments, known as chunks. Each chunk is XML-tagged and can be seamlessly reused across numerous documents. This means even minor content amendments can be made quickly and accurately whilst also complying with Change Control processes.

Editability is built in at source, streamlining the quality control process. Each chunk of text is checked at the point of creation. The complete document is then automatically assembled, based on rules using parameters and checks set in the system. The system can also create

tagged content for later use, handle conditional and variable content, and intake approved data from other locations. The more structured the source content, the greater the opportunities for flexibility down the line.



Intelligent authoring – a driver of the Fifth Industrial Revolution

Industry 5.0 is the natural extension of the technological advances that have occurred in recent decades. The aim of the latest revolution is to unite the practicality and efficiency of mass production with the uniquely human qualities of intuition and vision. The creative solutions of the future will be green, sustainable, and socially responsible. The personal touch that has been all but lost in the race to automate is now viewed as a major differentiator for a company.

The life sciences industry is constantly looking for ways to improve delivery of products safely, speedily, and consistently to patients at time and location of need. Hyperautomation and advanced analytics are helping to streamline the manufacturing process. Intelligently authored content applies a similar level of technological innovation to create high-quality documentation that derives from a single source of procedural truth.

Intelligent content is agile and adaptable, able to react fast to changing circumstances. It is cost-effective to update and easy to customize. It is consistent across all language versions and accessible across all platforms and devices. It is fully machine-readable, simplifying taxonomy-based searching and providing a rich audit trail. As the Fifth Industrial Revolution brings the best of human and machine closer together, intelligent authoring is setting the benchmark for the content creation of the future.

About TWi

TWi is an end-to-end content services company supporting technology-enabled manufacturing teams to meet their business objectives through intelligent information solutions. Focused on technical communication, online learning, and translation, TWi delivers global Knowledge Transfer expertise from Cork, Ireland.

Contact Details

For more information or advice on please call us on

+353 21 242 8800

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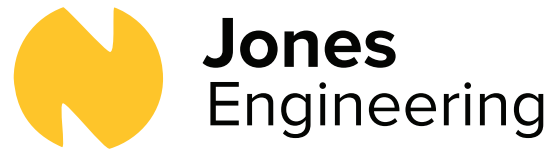


LATEST TECHNOLOGY

Always Striving to **Keep Ahead of Trends**

We are an international specialist contractor providing fast track modular construction services to blue chip clients throughout Ireland, UK, Europe and the Middle East. We allow you to maximise the potential of your project through cutting edge design and manufacturing processes.

Jones Engineering Innovation Delivers Integrated Modular Solutions For Clients Across Sectors



Jones Engineering Manufacturing, a leading provider of bespoke Integrated Modular Solutions, combines experience and innovation to deliver the most complex projects for clients nationally and globally. The company's mission is to serve as a catalyst for the transformation of their clients' design concepts into large-scale, deployable modular solutions that maximise off-site manufacturing technologies.

Jones Engineering Manufacturing recognises the significant value they can provide during the pre-design phase of projects, and through collaboration and innovative design for manufacture & assembly (DfMA) capabilities aim to aid in the implementation of robust, customised solutions for our clients.

This allowed Jones to design and assemble bespoke integrated modular solutions and tailored 'plug and play' units. This initial offering proved hugely successful and provided many cost, time, and delivery benefits to clients that Jones Engineering began to expand its offerings in this space. Now, clients depend on this service for the highest quality and efficient solutions, ensuring improved productivity and maximised quality in a controlled environment.

'Our mission is to continue being a catalyst for transforming construction projects using off-site modular technologies,' said Ian Davy, General Manager of Jones Manufacturing Division.

'We have realised how much value we can add at the pre-design stage of a project, and we are letting clients and design teams know that we're ready to join the concept conversations.'

In an effort to increase efficiency and predictability, improve safety, minimise the level of disruption to site, client and the environment, Jones Engineering have invested heavily in the past number of years, in not just leaner ways of working, but challenging how the engineering & construction sector approaches the delivery of projects.

Already an international specialist in the provision of fast-track modular construction, Jones Engineering's specialist teams bring a change towards a more efficient process for our customers; allowing clients to maximise the potential of their project under one roof from design through to off-site manufacture/assembly. With facilities in Ireland and across

Europe, Jones Engineering is focusing on growing high-tech manufacturing both domestically and abroad.



Jones Engineering also recognises the importance of embracing and embedding ESG principles into construction and manufacturing innovations. This is exemplified by the growing use of integrated modular solutions and encouraged by inviting clients into the design process. Jones Engineering is excited to be part of innovative solutions to ESG challenges, and to wear its ESG commitments on its sleeve.



The Jones Engineering Group has a long history of pioneering new approaches in the deployment of projects; as an Irish mechanical, electrical and fire protection engineering company the group is a global engineering contractor with the financial strength, the deep skillset, the experience and the trust of clients to deliver the most complex end-to-end projects across a wide range of sectors, from high-tech manufacturing to life sciences, across Europe and the Middle East.

Jones Engineering in 2019 recognised the opportunity to incorporate more off-site manufacturing and the benefits in doing so built a 9,000m² facility for DfMA based in Co. Carlow. This strategically located, purpose-built, modular construction and fabrication facility extended the boundaries of manufacturing by housing technical resources and facilities under one roof.

Contact Details

For more information or advice on please call us on

+353 1 474 9800

or visit

www.joneseng.com

Jones Engineering House,
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Dublin 4
D04 HN50,
Ireland

Permabond Engineering Adhesives Ltd manufactures bonding solutions for customers with varying applications across the globe. An adhesive manufacturer since the 1960s, Permabond is leading the way by providing a wide range of products and developing new technologies and solutions to reliably respond to a variety of industries' requirements. This allows them to build strong relationships with customers and distributors based on trust, expert knowledge, and excellent service - traits proudly shared with Reliance, Ireland's largest authorised technical distributor of industrial engineering products, agricultural mechanical components and advanced automation solutions.

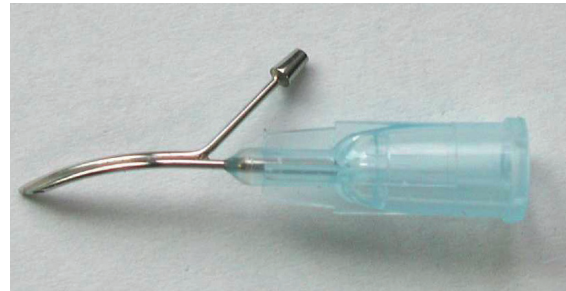
With almost 100 years of experience in bearings, belts, motors, pneumatics, and of course, adhesives, Reliance has a solution to meet any engineering and manufacturing specification. They stock a comprehensive range of industrial and agricultural engineering products and operate a next day delivery service to anywhere within the island of Ireland. Permabond and Reliance have been working together for several years in partnership to provide adhesive solutions all over Ireland.

Permabond is a market leader in adhesive innovation, always seeking to pioneer the latest in advanced bonding solutions. For instance, they have recently launched a KIWA-approved hydrogen-ready sealant, helping engineers to safely switch to greener energy and meet new requirements in gas supply.

Permabond®

Engineering Adhesives

Indeed, this product is just one adhesive in Permabond's wide range of Maintenance, Repair and Overhaul (MRO) solutions. Reliance stocks a multitude of Permabond adhesives which are suitable for these applications, including anaerobic adhesives (such as thread sealants, threadlockers, retainers and gasketing solutions), cyanoacrylates, and structural acrylic and epoxy adhesives, among others.



The buck doesn't just stop with MRO, however. Ireland is home to a thriving medical industry where the quality and approval of adhesives is critical. This is a huge industry which is, and will continue to be, of major significance to the country. The right adhesive can help make sure a medical device is strong, sturdy and passes any safety testing required. Permabond and Reliance offer a range of cyanoacrylates, UV-curable adhesives and epoxies compliant to ISO10993 biocompatibility standards for medical applications.

Another vital Irish industry where safety is paramount is the food and drink industry. Permabond and Reliance offer a range of products suitable for this industry, from adhesives with WRAS approvals for drinking water, to those providing FDA 175.105 & 175.300 approval, as well as EU 10/2011 approval for food contact.

There is much to celebrate for Reliance at the moment – in addition to a growing presence in the Republic, they will soon be opening new offices in Northern Ireland and are also celebrating their 100th anniversary! Their success can be attributed not only to technical expertise and product knowledge, but also to their high level of customer care.



www.permabond.com

Both Reliance and Permabond are proud to provide the highest level of customer service and technical support, helping customers to choose the best products to suit their needs and resolve any issues quickly and fully. Reliance even offer a dedicated, 24/7, 365 days a year customer service.

Reliance are also automation specialists and in partnership with Permabond, offer a wide range of adhesives suitable for automation manufacturing applications. Cyanoacrylates are great for speedy production lines, offering a quick cure and high strength on plastics and other substrates with a small gap fill. Epoxy adhesives are suitable for larger jobs, such as in the manufacture of robotic arms, which are heavier and tend to require higher strength and impact resistance. Together, the two companies are helping to bring the future into a living reality before our eyes. Reliance serve many different customers within the industrial, agricultural and automation sectors, from pharmaceuticals through to manufacturing and food.



Trusted and renowned throughout Ireland with offices already in Cork, Dublin and Limerick, Reliance are immensely proud to be opening a fourth office in Antrim this year to serve the people of Northern Ireland. In addition to this, their new webshop allows for greater ease and freedom in getting the products you need when you need them, meaning you never have to worry about running short.

Permabond's state-of-the-art research & development laboratories in Italy (known as the Blue Center) and the UK, as well as Reliance's new offices highlight not only the two businesses' individual growth, but what stands to be gained with a continued partnership. Both companies are thrilled to share a bright vision of the future and look forward to even greater co-operation going forward.

Did you know?

Reliance Automation, the robotics and automation arm of the business, has been bringing the technology of the future into the present for over 30 years now.

Reliance Automation is the only nationwide automation solutions provider in Ireland that offers the latest in robotics technology, truly pioneering the way forward into the age of automation.

Contact Reliance if you're looking for an automation solution to streamline your production process at an affordable price, or for any other automation process needs.

Reliance located in:

Cork (HQ): 021 4354204
Dublin: 01 4502821
Limerick: 061 419158
Coming soon: Antrim
email: info@reliance.ie

www.reliance.ie

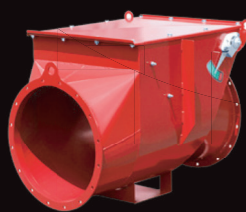
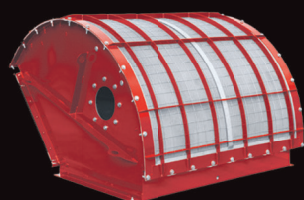


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The Challenge of Explosion Hazards



As the industrial filtration, bulk handling and process industries face the constant challenge of explosion hazards, MacClancy and Sons Ltd has emerged as a reliable partner in workplace safety. Our range of integrated Fire and Explosion Mitigation solutions includes top-of-the-line fire & explosion protection systems.

MacClancy and Sons Ltd was started by industry expert, Michael MacClancy in 2020, who had extensive experience in the explosive protection industry spanning 23 years. Michael wanted to continue to provide explosion protection to the bulk solids, filtration and food & beverage industries after Rembe UK was closed down following Brexit.

As a safety conscious partner, MacClancy and Sons Ltd advise your business on the critical role of these systems in mitigating risks and maintaining a safe and secure the working environment for your personnel, plant and property. We offer high-quality Explosion Protection equipment from our wide range of Vent Panels, Flameless Vents and Isolation Valves as well as Sensors, Environmental and Safety Protection. Due to our exclusive partnership with STIF, we supply VigilEx® Safety Protection equipment, which is fully ATEX certified for all types of combustible dust up to 250KST, as well as meeting the latest UK National Fire Protection Association (NFPA) regulations. Our NEW product line is the Raptor Spark Detection and Extinguishing Systems by US Supplier BOSS Products LLP and we have just been named as the exclusive UK & Ireland distributor for this exciting range of safety equipment.

The Importance of Effective Explosion Protection Systems

Explosions in industrial settings can, sadly, have catastrophic consequences, posing threats to human life, property, and operations. Investing in reliable explosion protection systems is a simple, proactive and cost-effective approach to safeguarding your facility against potential disasters and the cost of ownership is kept low with our competitive pricing structure as installing the correct equipment has

been proven to increase productivity by reducing non-productive time or HSE enforced breaks.

Cutting-Edge Explosion Protection Systems

Early Detection: Raptor Spark detection systems feature advanced infra-red sensors capable of detecting even the slightest presence of sparks, embers or even glowing dust particles. Early detection enables swift responses to



potential ignition sources in multiple protected zones which can prevent a full deluge scenario across your plant.

Rapid Isolation & Venting: In the event of an explosion, VigilEX products simultaneously close isolation valves and release over-pressure via sacrificial explosion vents in milliseconds, preventing any escalation beyond your filter, minimizing collateral damage and maximising safe working areas both indoors and outdoors.

Customization and Flexibility

At MacClancy and Sons we understand that each industrial facility has their own, unique explosion risks. Therefore, systems are customizable and adaptable to your specific needs, whilst providing

optimal protection. With spares available off the shelf and any order with the shortest possible lead-times we can offer immediate and reduced time savings for anything from full scale turnkey projects to simple maintenance requirements.

Long-Term Impact on Safety

By integrating VigilEX explosion protection & Raptor Spark detection systems into your workplace, you are demonstrating your strong commitment to the safety and well-being of your employees. A safe work environment fosters trust which is known to increase productivity. A well protected workplace also reduces downtime due to better housekeeping, reduced safety related incidents and helps enhance your company's reputation as an employer who leads the way in safety and safe working practices.

Our explosion protection & detection systems are a crucial part of a comprehensive safety strategy for industrial filtration, bulk handling and process industries. With cutting-edge technology, customization options, and expert guidance, they can empower your facility to stay ahead of any potential explosion risks and protect your assets.

Contact Details

For more information or advice on please call us on

☎ +44 (0)7884350337

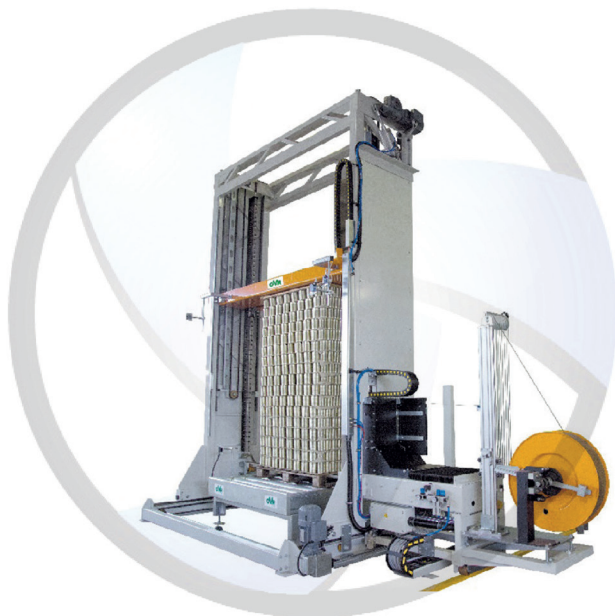
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With a rich history spanning over 70 years, European Springs and Pressings Ltd has consistently delivered top-notch customer service and technical expertise. Our dynamic and innovative team has been at the forefront of pioneering new solutions to meet our customers' specific and custom requirements.



Industry Recognition and Certifications

Our commitment to excellence is evident in our membership in esteemed organisations like The Institute of Spring Technology and the Institute of Sheet Metal Engineering. Additionally, we are proud to be registered with BSI to ISO9001 and ISO14001 standards.

Unwavering Customer Support

At European Springs, we prioritise ensuring our customers receive the highest level of service. Our team of experts offers extensive support, ensuring the utmost satisfaction for both new and returning clients.

Global Capabilities through Lesjöfors Group

As part of the Lesjöfors Group, we possess the capability to manufacture and distribute a wide range of springs, pressings, stampings, and wire forms across the globe. With Lesjöfors' international presence, there are virtually no limits to the products we can produce, enabling us to handle orders of any scale.

Versatility Across Industries

European Springs distinguishes itself by serving a diverse array of industries, including electrical, automotive, agricultural, defence, medical, telecom, and more. We continually adapt our products and services to meet our customers' evolving needs, expanding our reach to new industries and clientele.

Innovative Product Development

Our design team collaborates closely with customers to develop new products that cater to their specific requirements, ensuring that we stay at the forefront of innovation.

The UK's Widest Range of Springs

With high-speed press components supporting up to 130 tonnes, we offer the UK's most extensive selection of compression springs, gas springs, torsion springs, and tension springs. Our automated machinery, capable of producing up to 3 million components per hour, allows us to provide over 12,000 items in our stock catalogue at competitive prices.

Comprehensive Products and Services

European Springs is well-equipped to offer an array of products and services, from various springs, gas springs, and wire forms to Plating, Heat Treatment, powder coating, shot peening, barrel rumbling, and polishing. Our experienced design team specialises in bespoke spring and wire form design, accommodating specific custom requirements.

High-Quality Pressings, Stampings, and Wire Forms

We take pride in delivering exceptional solutions for pressings, wire forms, and stampings. Our capacity to provide products for single or bulk orders ensures that we have the perfect solution, regardless of your project's size.

Our advanced CNC automated spring coilers and wire forming equipment allow us to create high-quality wire forms, both generic and bespoke. We employ the latest technology and highly qualified toolmakers to design and produce bespoke pressings and stampings, guaranteeing top-tier products.

For all your spring, pressing, and wire form needs, European Springs and Pressings Ltd is your trusted partner. Discover the unparalleled quality, innovation, and customer support that have made us an industry leader for over seven decades.



CELEBRATE ENGINEERING WITH US



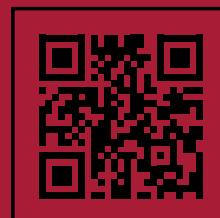
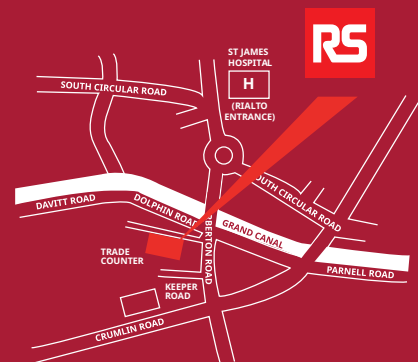
RS is Ireland's leading distributor, supporting industry for over 70 years with an extensive range of more than 650,000 electronics and industrial products from more than 2,500 trusted global brands.

Find what you need quickly via our website and technical support.

RS provides a one stop source for everything you need!

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Order by phone, online or drop in to the local branch in Rialto, Dublin 12



RS Ireland – Supporting Industry For Over 75 Years With More Than Just Great Products



What started as a small family business in 1947 selling radio valves and spares, Radionics Ltd., now trading as RS Ireland, celebrated its 75th anniversary in early April.

Gary Bradley, Country Manager for RS Ireland, explains: “From humble beginnings, the company has now become Ireland’s leading distributor of electronic, electrical and industrial components. The transformation of Ireland’s industrial manufacturing sector in the 70’s was an opportunity for Radionics to become a distributor for RS Components and its customer base began to change as the company supported both the consumer and industrial market space.”

continual investment in our online offer ensures that the customer journey is as seamless as possible, giving them access to the right product, the right technical specifications and stock availability”.

RS has an ever-expanding range of 750,000+ in-stock industrial and electronics products – from over 2,500 partner suppliers, working closely with them to ensure the latest products are available and that the right level of product support can be offered to their customers, guiding them through the buying process and keeping it as simple as possible.

A locally stocked warehouse providing same day delivery within the Dublin region and next-day elsewhere are key valued



the product requirements and the need for distributors to work more closely with suppliers to be able to meet the demand. RS Ireland is committed to keeping apace with these changes, retaining our core values and continue to support industry in Ireland.”

RS’s purpose is ‘Making Amazing Happen for a Better World’, also a partner who is committed to being ethical, responsible and sustainable in everything they do.

That’s why Environment, Social and Governance (ESG) is at the heart – so together with customers and suppliers, we can build a better world!

Drop into the RS Trade Counter in Rialto open Monday to Friday, 8am - 5.30pm, and check out new products, great offers in store and a wide range of services to help you with your business including technical help and calibration.

Call us on (01) 415 3100 Monday to Friday, 8.30 - 18.00 or email enquiries. ie@rs-components.com or browse the full range at <https://ie.rs-online.com/>.



Such was the success of the introduction of the RS product range, RS Components began to acquire the business and completed its acquisition in 1986. The product paper catalogue was a staple item for the RS customer, the digital environment has revolutionised how RS Ireland brings its product offer to the market.

Gary commented: “The channels through which we interact with customers today have evolved in line with technology and demand. RS has adapted at each stage of this evolution – from creating a CD catalogue in the mid-90’s to developing an award winning digital channel. The

added services, and differentiates RS from its competitors.

Customers also have the option of RS’s Local Dublin branch which is a hub of knowledge, activity and familiarity. “Our delivery van drivers are known by name to customers and in turn they know the customers’ names. There is a real loyalty shown towards RS Ireland as a result of this customer service focus,” said Gary.

Gary concluded: “These days, our customers expect a high level of customer service and a personal approach with a simplified buying journey. Developments in technology and innovation will drive

Contact Details

For more information or advice please call us on

☎ (01) 415 3100 Mon - Fri: 8.30 - 18.00

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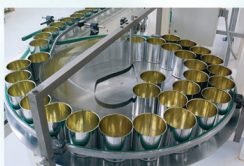
Integration



Support, Maintenance
and Training



Project Management



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Beverage Production
Liquid Ingredients Management.
Powders and Ingredients Management
WISEtrack: MedTech and Archives & Records
Management Systems
WISEmetal: Metals Manufacturing Execution
System
WISEcatch: Aquaculture Track & Trace
Management

KEY MANUFACTURING FUNCTIONALITY:

Traceability & Labelling
Production Area Digitalisation
Batch & Recipe Management
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CONTACT US:

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WISE MES: Factory and Business Software Systems



How do you see your Factory? How are your Business Processes ensured and Quality assured repeatedly, and in real time?



For Food & Beverage Manufacturing, Liquids and Powders Management, MedTech & Data Security Services Systems, Metals Manufacturing, and Aquaculture Track & Trace: WISE MES design & develop software applications & integration solutions for Factory Floor Scheduling, Data Acquisition & Exchange, KPI, Product Identification, Labelling, Traceability, Automation Integrations, Laboratory QA, and Warehouse Management.

Traceability, Management, and Integrations are the WISE MES set of solutions used to record the critical key aspects of your Production and to monitor your processes and production, in real time.

Key Manufacturing Functionality:

Traceability & Labelling: our set of solutions to record the manufacturing process of a specific Product or a specific Batch together with a marking and labelling system, including the management of Raw Materials, Semi-Finished Goods and Finished Product.

Batch and Recipe Management: For your industry Operations Management, WISE MES modules help to manage batch execution more efficiently, allocating equipment, downloading parameters, automating recipe procedures and enforcing quality processes in real time. It also coordinates with the plant control systems, interfaces with the operators and directs batch activity, material flow and production records to a central MES database and to your ERP. Batch events trigger electronic workflows for quality sign-off procedures or real time corrective actions in case of alarms or nonconformance.

Production Scheduling & Performance Monitoring: WISE MES introduces quality in production planning and execution, enabling optimisation of production tasks and reliable control of production progress. Reliable real-time data derived by WISE MES and WISE Line Manager directly from the production process, for operators,

team leaders, machinery, maintenance technicians, quality controllers and logistics, enables a site to have a Production Schedule updated every second.

Interfaces and Integration Management: for Automation, ERP Systems, Management Teams, Team Leaders and Operators, Automated Operations Interfaces, and Overall Business Interactivity.

Production Area Digitalisation: In order to move your Production Plant to a significantly higher level of organisation, WISE MES also includes a module to help your Production Plant implement a migration from paper records on production lines and to digitise the daily management process. Your key-point checklists get digitised, and each linked to the correct Production Order and Quality checks of the current run.



Food & Life Sciences Production:

WISE Manufacturing Modules manage your Production across multiple Production Lines, covering Production Planning, Production Orders, Production, Packing, Materials Handling, Picking, Dispatch, Delivery, WMS, Quality Assurance, and Automation Integrations.

By driving the correct process workflows and business rules in the course of actual operations, and in real-time, this ensures both production efficiency and the guarantee that quality of process and data is achieved.

The ability to reference a specific Production Batch in a trace-back scenario, further allows for subsequent Production or Quality decisions and Customer Feedback Management.

Beverage Production:

Including the above, WISE Beverage Production Modules also manage Pallet and Keg Labelling and multi-line Production, including the management of multi container & bagged concentrate components.



Liquid Ingredients Management:

WISE MES Silos & Tankers Module manages Supplier Lot Tracking and Internal Silo Batch Allocation, as well as each Silo vessel of your site's Silo landscape in real time, plus PO call-off and Quality Testing. Tanker Registration and Grouping, Weighbridge integration, Grade and Potency Management are some of the key features, including the management of smaller liquid vessels such as canisters and barrels, and such activity as Inline Dosing.

Powders and Ingredients Management:

WISE MES Bulk Production and Ingredients Preparation Modules manage your Small Batch Manufacturing activities scalable right up to Bulk Batch Manufacturing. Internal Batch Allocation and traceability of all key activities and quality checks ensure that processes are executed to repeatable standard in real time.

WISE MES has been implemented in the areas of Infant Milk formula, Dairy Sector, Ingredients Producers, Beverage Sector, Snack Foods, and Aquaculture.

WISE has been in Business for over 30 years.

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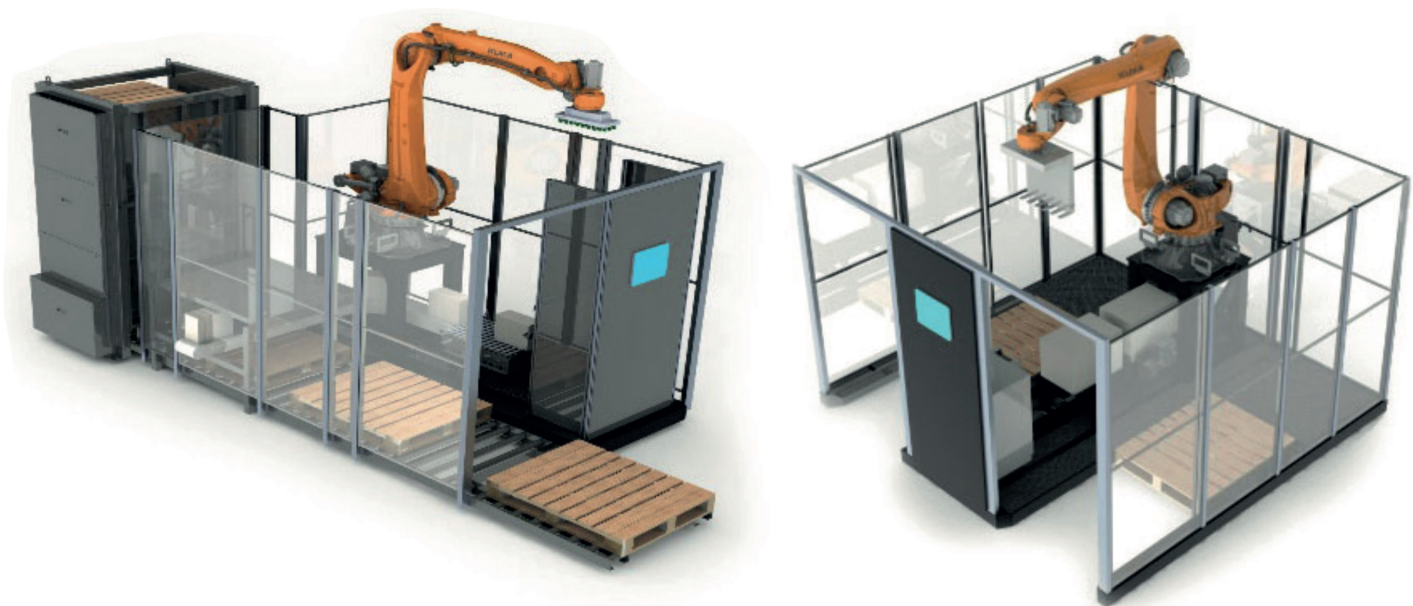
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PALLETISING / DEPALLETISING SYSTEMS



*State of
the Art*

IndySoft Calibration Management Software: Enhancing Efficiency and Compliance



In today's rapidly evolving technological landscape, precision and accuracy are paramount across various industries. The need to ensure that measurement and test equipment (MTE) are calibrated and maintained at optimal levels has led to the emergence of robust calibration management software solutions. One such industry leader in this field is IndySoft's Calibration Management Software, renowned for its multifaceted benefits that streamline operations, enhance compliance to many international ISO and FDA standards, and fosters a culture of quality assurance within a business.

At the heart of IndySoft's value proposition lies its ability to centralize and automate the calibration process. This automation translates to improved

serving as a digital trail of the calibration process. This documentation is invaluable during audits and regulatory inspections, streamlining the compliance process and mitigating risks associated with non-compliance.

IndySoft's versatility shines through its adaptability to various industries, ranging from manufacturing and aerospace to healthcare and energy. Its customizable features allow organizations to tailor the software to their specific needs, accommodating unique calibration requirements and workflows. This adaptability ensures that IndySoft remains an asset regardless of the industry's intricacies, contributing to its widespread adoption and reputation for excellence. The software developed today has evolved as a direct result of many customer requests and also by IndySoft keeping an eye on emerging technologies.

The software's remote capabilities add a layer of convenience and accessibility. With the ability to access the system from any location, technicians can perform calibrations in the field, reducing the need for equipment to be transported back to a centralized facility. This not only saves time and resources but also enables

rapid response to calibration needs, particularly in industries where mobility is crucial.

In an era where data security is paramount, IndySoft shines with its robust security measures. It employs encryption protocols to safeguard sensitive calibration data, protecting against unauthorized access and potential breaches. This focus on data security not only aligns with industry best practices but also provides organizations with peace of mind, knowing that their critical calibration data is shielded from potential threats.

IndySoft's calibration management software is a sustainable solution that aligns with eco-conscious initiatives. By reducing paper-based processes and minimizing the need for physical

transportation of equipment, the software contributes to a greener approach to calibration management. This aligns with the growing corporate emphasis on environmental responsibility and sustainability.



In conclusion, IndySoft Calibration Management Software emerges as a pivotal tool in modernizing calibration practices across industries. Its comprehensive suite of benefits, including streamlined efficiency, enhanced compliance, adaptability, remote capabilities, data security, and sustainability, positions it as a market leader. As organizations continue to prioritize accuracy, precision, and compliance, IndySoft's software becomes an indispensable asset, propelling businesses toward higher levels of operational excellence and quality assurance.



efficiency, reduced human errors, and significant time savings. The software facilitates the scheduling and tracking of calibration events, alerting users well in advance to impending deadlines. This proactive approach helps organizations avoid costly downtime due to expired calibrations, ensuring that equipment is always in peak working condition. By eliminating manual tracking methods, IndySoft empowers technicians to focus on tasks that truly require their expertise, thereby boosting overall productivity.

The software's user-friendly interface provides a clear overview of the calibration status of all equipment within an organization. This transparency fosters accountability, as responsible parties are easily identifiable and held to their duties. Moreover, the system generates comprehensive reports and certificates,

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BPX Help to Choose, Help to Use



Here at BPX, we are proud to state that we are a Schneider Alliance Master Industrial Automation Distributor (IAD); Ireland's only distributor for Rittal's market leading cooling enclosures and chillers, and also technical distributors for over 50 of the world's leading industrial control and automation equipment manufacturers.

Wondering what being a Schneider Alliance Master IAD is? Well, the honour of being a Schneider Alliance Master IAD is official recognition of the level of expertise we hold in the industrial integration of Schneider Electric systems and acknowledges our commitment to specialist automation and control distribution.



As an Alliance Master IAD, we are able to handle more advanced and complex industrial projects and deliver customised solutions to our customers. With five Master level professionals in our team, we are able to advise on product selection, applications, programming methods and best practices.

We provide technologies customised to specific needs with comprehensive knowledge and skills in application and process control. Combining global and local expertise with Schneider Electric, we offer unrivalled, local, technical support to help customers use the Schneider

portfolio, backed up by Ireland's largest stock of Schneider Electric automation and control products.

Highly skilled in EcoStruxure™ Plant & Machine architectures, we help drive digital advancements and ensure resilient and sustainable operations across multiple segments.

We can provide technical support, help with communications and connectivity, remote maintenance access to automation equipment and simple and complex motion control. We have the proven industrial automation solution knowledge, experience and capabilities to help Schneider Electric customers thrive now, and in the future.

They say that the whole is more than the sum of its parts. Well, the same can be true of Rittal's range of cooling enclosures and chillers. The high precision of Rittal series chillers maximises system efficiency, while their IoT technology ensures easy servicing and impressive availability.

As Ireland's only distributor for market leading cooling enclosures and chillers from Rittal, we offer you access to Rittal's vast range of products, providing almost infinite possibilities, which all come from a single source, helping users to avoid compatibility issues. This diversity in products helps Rittal target a range of industries ranging from automotive, food and beverage, power generation, construction, mines and metals, electrical engineering and automation, to renewable energies and infrastructure.

Providing bespoke solutions, Rittal, with their modified standard and custom-engineered products, are known throughout the world for setting the benchmark. Adding to this is Rittal's product range, from the perfect fan-and-filter units for industrial enclosures, through to sophisticated cooling concepts for IT infrastructure.

Did you know that Rittal Blue e+ chillers can cut energy costs by as much as 70%?

Rittal also have so many innovative products from the areas of enclosures, power distribution and climate control. Supplemented by their extensive range of software tools and global service, plus our comprehensive stock from 50

other suppliers, we have a solution to almost all of your control and automation requirements - we can create unique added value for you.

You will find that we always act responsibly, with honesty, integrity and fairness. Our reputation proves that we build relationships founded in trust, and we can honestly say that we use our knowledge, service and passion for technology and innovation in pursuit of a better world.



Our goals are to empower our customers through our expertise and service to adopt technology for a sustainable future, and support them with the provision of solutions and customer service to maximise their success.

Conveniently located on Deerpark Business Park in Carlow, our sales team, warehouse and distribution hub, supports and services customers all across Ireland with the experience and know-how they need, or from our popular eCommerce website that can be found online at www.bpx.ie

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- Receiving & dispatching goods
- Traceability & quality control



Herbst Software: Pioneering Manufacturing Excellence for Over Four Decades

Herbst[®]
software

In the dynamic realm of manufacturing, where precision and adaptability are paramount, Herbst Software has stood the test of time for an impressive four decades. This family-owned firm has not just weathered the changing tides but has consistently demonstrated resilience, innovation and an unwavering commitment to client success. Herbst Software has carved its niche as a stalwart in designing, developing, and implementing turn key customisable solutions across diverse B2B sectors in the Irish and UK markets. With an intricate understanding of manufacturing and engineering, Herbst has become synonymous with precision and adaptability.

“Making Business Simple”:

Recognising the challenges faced by small and mid-sized manufacturing companies which don't necessarily have an IT department, Herbst Software embraces the mantra of “Making Business Simple.” The core philosophy revolves around crafting a user-friendly system that empowers users to customise their screens dynamically. This approach ensures adaptability without compromising functionality.

Modular Solutions for realistic approach:

A standout feature of Herbst's business management system is its modular nature. This allows companies to expand their systems in phases when ready. Starting with fundamental requirements, companies can efficiently incorporate additional modules to encompass most if not all operations under the one umbrella.

Excellence in Manufacturing Solutions:

Herbst Software excels in providing full manufacturing capability – capturing all costs (material, labour, overheads etc.) while tracking components and automatically adjusting stock levels. Manage your procurement process based on previous and future demands with our stock projection tool. Create and stock sub-assemblies as required prompted by sales order or works order. Our stock projection tool facilitates just-in-time reorder with options of how to fulfil – make or buy, deliver from another warehouse,

etc. These features, combined with integrated job costing, manufacturing insights, and streamlined workflows via the Bill of Materials, enhance operational efficiency and yield immediate, tangible results. Our users also love our comprehensive range of real-time customisable management reports which can be scheduled to send automatically by text or email.

Factory Floor Revolution:

On the factory floor, Herbst Software revolutionises operations with cutting-edge touch screen factory kiosk options for stock take, production and dispatch. These intuitive interfaces empower staff by providing streamlined and efficient tools for controlling activities with minimal training. Quick data entry enhances productivity and reduces errors in crucial production and logistics stages, bringing a new level of transparency and control with real-time visibility for management.



Empowering On-the-Move Personnel:

On and beyond the factory floor, our specialised apps allow you to organise workers, workcenters, worksheets, quality checks and more. From simplifying route planning and order management for drivers to enhancing task efficiency and transparency for on-site personnel and providing sales reps with apps for client interactions, inventory monitoring, and order processing, Herbst's commitment to comprehensive solutions resonates across diverse operational domains.

Real Time Management for Enhanced Efficiency:

The key is that management can have complete visibility in real time, facilitating

better decision making and fostering a more efficient and responsive work environment. With the ability to monitor tasks, assess staff productivity and track operations in real time, management can



proactively identify bottlenecks, allocate resources effectively, and make informed decisions promptly. This level of visibility allows for agile and adaptive management strategies, ensuring that the organisation stays responsive to changing dynamics and can capitalise on emerging opportunities. Additionally, real-time visibility enables managers to provide timely feedback, recognise outstanding performance and address issues before they escalate.

Why Choose Herbst Software?

Choosing Herbst for your manufacturing or engineering needs is a strategic decision rooted in four decades of proven excellence. Offering user-friendly solutions, comprehensive features and cutting edge technology, Herbst is here for a commitment to excellence that transcends software – it's a strategic choice for success.

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Capitalflow is a Dublin-based business lender that works with Irish SMEs to provide flexible finance options to scaling companies. The company's mission to put people first, and to make finance simple for their customers.

Founded in 2016, Capitalflow, Ireland's fastest growing non-bank lender, supports Irish SMEs and Property Investors nationwide through its nationwide team of Lending Directors, it's dedicated customer service team, and fast digital platform. Capitalflow offers a wide range of equipment leasing and vehicle financing to all sectors. Recently launched, Capitalflow now offers lower cost finance under the Ukrainian Credit Guarantee Scheme, in partnership with the Strategic Banking Corporation of Ireland for customers who have seen business costs increase as a result of the conflict in Ukraine. The company also provides consumer motor finance for personal customers, as well as Commercial Property Loans to Property Investors and Irish Businesses.



Acquired by leading Dutch fintech bunq in 2021, the partnership provides the liquidity and capital to enable Capitalflow to further solidify itself as a key SME lender in the Irish market, while allowing Capitalflow to continue to invest in technology and people to grow into the future and offer more customers competitive choice in the market.

Over the last year, Capitalflow has onboarded more new customers than ever before; a positive reflection of our way of working and our people focus. Our customer base remain loyal, with average finance agreements per customer across our product range being three or more, and our customer satisfaction scores which are typically above 80%.



In a market where competition is shrinking and despite interest rate headwinds, Capitalflow continues to grow and service our many thousands of partners and customers with competitive rates. The team is actively looking to partner with Equipment Manufacturers and Suppliers to offer bespoke finance packages to their customers.

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To find out more go to

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Capitalflow Group DAC trading as Capitalflow Commercial Finance is regulated by the Central Bank of Ireland

Discover Excellence with Irish Manufacturing Research!



**IRISH
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Are you in search of cutting-edge solutions, innovative breakthroughs, and unparalleled expertise in manufacturing? Look no further than Irish Manufacturing Research (IMR) – IMR's goal is to Demystify, Derisk and Deliver emerging technologies and new knowledge to enable industry to succeed at the cutting edge of advanced manufacturing.

🔍 Unleashing Innovation: At IMR, we pride ourselves on being at the forefront of technological innovation. Our team of brilliant minds is dedicated to pushing the boundaries of what's possible in manufacturing. With a commitment to excellence, we bring you solutions that redefine industry standards and drive your success.

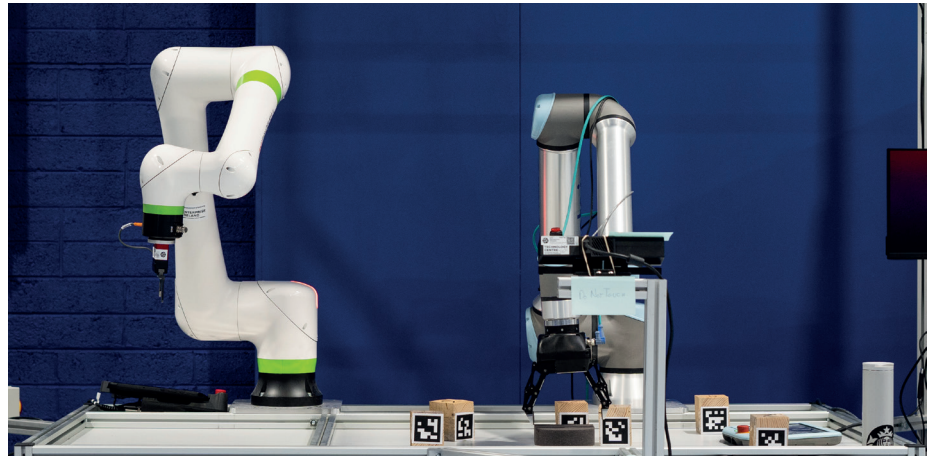
🔧 State-of-the-Art Facilities: Equipped with the latest technologies and state-of-the-art facilities, IMR stands as a beacon of progress in the manufacturing landscape. From advanced robotics and automation to intelligent systems and digital manufacturing, additive manufacturing, high precision machining, we have the tools and expertise to elevate your operations to new heights.

🌐 Global Impact: IMR is not just a local player; we are making waves on the European and global stage. Our collaborative approach has forged partnerships with leading international organisations, ensuring that our clients benefit from a truly European and global perspective. When you choose IMR, you choose a partner with a worldwide impact.

💡 Tailored Solutions for Every Industry: Whether you operate in food, beverage, electronics, pharmaceuticals, medical device, engineering or any other sector, IMR understands that one size does not fit all. Our team works closely with each client to deliver bespoke solutions that cater to the unique needs of their industry. Your success is our priority.

🌱 Sustainable Manufacturing: IMR is committed to a sustainable future. Our research not only focuses on enhancing efficiency and productivity and sustainable factories but also on eco-friendly solutions that minimise environmental impact with a focus on the Circular Economy. Join us in creating a more sustainable and responsible manufacturing ecosystem.

🤝 Collaboration and Partnership: At IMR, collaboration is key. We believe that the best solutions emerge when diverse minds come together. Partner with us, and let's embark on a journey of innovation, growth, and mutual success.



🛠️ Services: At IMR, we have a comprehensive range of services that we offer.

- Research and Development support – from application writing to R&D execution
- Specialised training
- Advanced Prototyping
- Incubation Services

- Global impact and collaboration
- Tailored solutions for diverse industries
- Commitment to sustainability and responsible practices

📞 Contact Us Today! Ready to elevate your manufacturing capabilities to new heights? Contact Irish Manufacturing Research today and embark on a journey of innovation, efficiency, and success. Your future begins here!

🌐 Visit our website: www.imr.ie

✉ Email us at: info@imr.ie

📞 Call us at: +353 (0) 1 5675000



- Consultancy – SIRI assessments

☀ Why Choose Irish Manufacturing Research?

- Unrivalled expertise in manufacturing research across digital technologies, advanced automation and robotics, additive manufacturing and high precision engineering and sustainable manufacturing
- Cutting-edge facilities, pilot lines and technologies

Join us in shaping the future of manufacturing – where excellence is not just a goal, but a reality! Irish Manufacturing Research – Enabling Ireland as a global leader in Advanced Manufacturing

Technology is changing globally at unprecedented rates. Four years ago, Generative AI was not in the language of manufacturing and yet it now has the power to be one of the most influential technologies to transform our industries. To emphasise the point, this article was written by AI in seconds. Like to know how AI can and will transform your operations? Need a hand to integrate AI safely and positively into your manufacturing operations? Get in touch.

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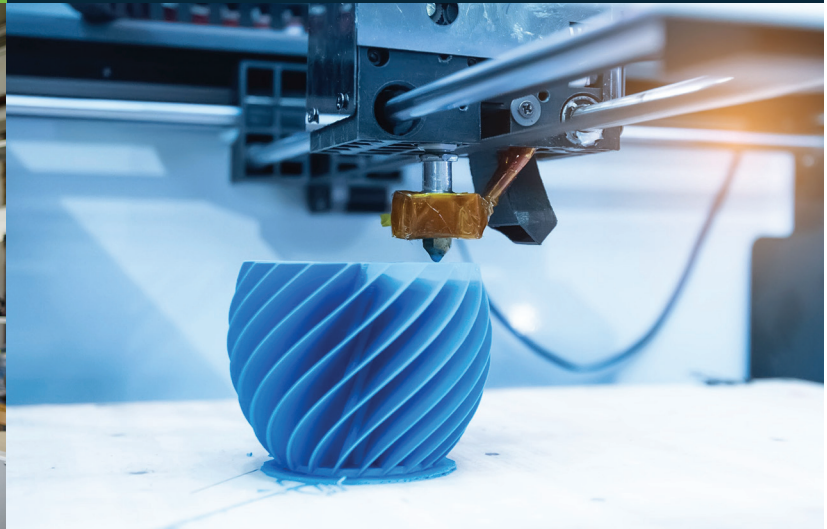
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