

# Eastway

Your global reliability partner 

## Eastway Newsletter 2021

### Thank you to our customers and staff

From all of us here at Eastway, we would like to thank you for choosing us as your reliability partner in 2021. We are proud to have continued to deliver the very best in service and support to our global customer base, as we continue to face the challenges presented by the global pandemic. We would like to wish you a safe and happy holiday season and look forward to safeguarding your business well into the future.



### 2021 HIGHLIGHTS

- Webinar Series
- Specialised Application Projects
- Innovation Partnership
- White Papers
- Performance Dashboard
- Enter the Eurozone
- Charity Support



### WEBINAR SERIES

A series of 6 webinars delivered across the globe, sharing in-house expertise and now available on demand from our website.

### RESEARCH & INNOVATION

Eastway innovation and research continued with the publication of white papers and involvement with the Innovation Partnership Programme.



## A MESSAGE FROM OUR DIRECTOR BERNARD BERKERY

On behalf of myself and the Eastway team, I want to thank all of our valued customers, staff, suppliers and friends for your ongoing support after what has been a very challenging year.

The last 12 months have seen Eastway further positioned as 'Thought Leaders' within the condition monitoring sector. Our team has researched and publicly shared white papers, delivered a number of talks and presentations, as well as launching a series of 6 knowledge sharing webinars on a range of condition monitoring subjects.

As the manufacturing sector adapts to Industry 4.0 technologies, the Eastway team continue to support our customer's move into predictive maintenance through our remote monitoring service, with ongoing research & development into data driven approaches.

Reliability, Commitment, Expertise & Innovation are the corner stones Eastway is built upon. Delivering on these values allows us to offer total reassurance to our customers, and we look forward to continuing to support your business in 2022.

Thank you for making Eastway your reliability partner of choice.



# YOUR GLOBAL RELIABILITY PARTNER



## TAKING CONDITION MONITORING FURTHER

This year more than ever Eastway has engaged in customized projects to use condition monitoring for manufacturing process development and improvement. Using the Safeguard® system, our team have solved issues in the areas of production quality, production process efficiency, production output and quality control.

These special application projects have been applied to industries ranging from pharmaceutical manufacturing to component forming and machining manufacturing. Eastway's technology has been instrumental in the success of these projects. The flexibility and adaptability of Eastway's hardware and software for specific customization has made these new solutions possible.

## INNOVATION PARTNERSHIP PROGRAMME

In July this year, Eastway were delighted to announce that we, along with one of our LifeScience customers and the Pharmaceutical Manufacturing Technology Centre (PMTc), successfully received approval for an Enterprise Ireland funded multi-party Innovation Partnership Programme (IPP). We are looking forward to advancing this project over the next 18 months.

Situated within the Bernal Institute at the University of Limerick the PMTC is funded by Enterprise Ireland in partnership with IDA Ireland.



# KNOWLEDGE CENTRE EASTWAY WEBINAR SERIES

Lead by our Condition Monitoring Program Manager, Edicson Santiago Bonilla Diaz, Eastway was delighted to share our expertise and experience with our customers and colleagues in the sector through our technical webinar series.

Presented by our inhouse team of experts including Elaine Berkery, Samba Rao Gadde, David Sheehan, Ciaran Gibbs, Kevin Berkery, and Bharath Kumar Keerthipathi, the webinars were delivered globally, live across 3 different time zones.

Each webinar utilizes real world examples, followed by a frequently asked questions segment, with each topic less than 30 minutes long.

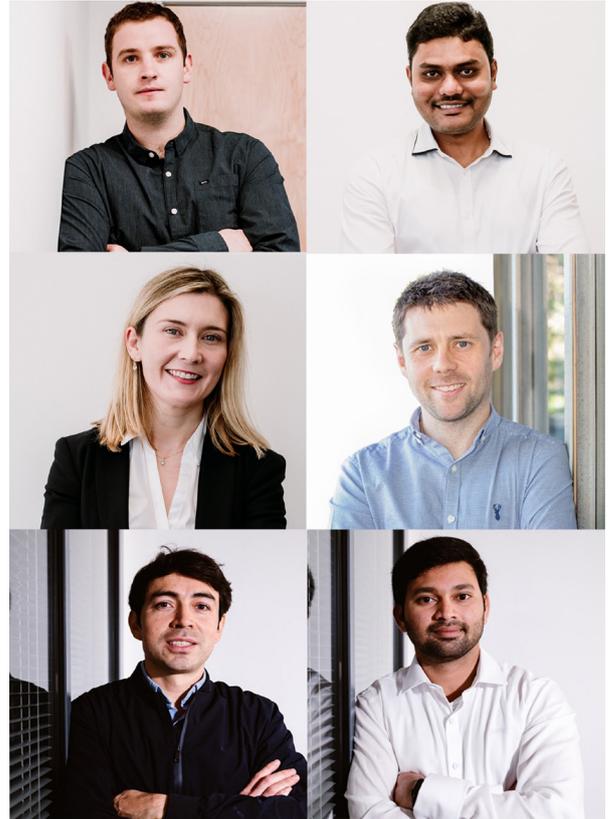
### Topics covered are:

- *Tips to Optimize a Condition Monitoring Programme*
- *A Financial Cost Benefit Analysis of the Implementation of Condition Monitoring 4.0 Technologies*
- *Bearing Failures Stages*
- *Introduction to Thermography*
- *Machine Learning and Vibration Analysis*
- *Benefits of Predictive Techniques to Improve Reliability in Industry*

A problem solving approach, coupled with an open door policy for our customers and a willingness to share knowledge has become synonymous with Eastway.

Well done to the team members who presented during the series, and a big thank you all who tuned in from around the world to the live sessions.

All 6 webinars in the series are now available free in our Knowledge Centre on our website: [www.eastwaytech.com/knowledgecentre](http://www.eastwaytech.com/knowledgecentre)



## RESEARCH AND DEVELOPMENT



### EASTWAY SAFEGUARD® WEBPORTAL PERFORMANCE ANALYSIS

The latest release of the Eastway Safeguard® Webportal now includes an asset performance dashboard. The new system provides, at a glance, all system information and access to fault root cause analysis reports, corrective action reports and monthly status reports. It gives asset management and reliability professionals the power to track the performance and effectiveness of their condition monitoring program.

### CONDITION MONITORING IN THE AGE OF INDUSTRY 4.0 WHITE PAPER SPOTLIGHT

This paper by director Elaine Berkery was spotlighted on the PMTC website during 2021. In a new age of machine learning, IoT and autonomous systems, Industry 4.0 is becoming all the more prevalent. At Eastway, we see condition monitoring (CM) as the gateway to industry 4.0 and the ideal starting point from which to launch your plant's digital transformation. Visit [www.eastwaytech.com/knowledgecentre](http://www.eastwaytech.com/knowledgecentre) to view.

### NEURAL NETWORK DETECTION OF MACHINE FAULTS WHITE PAPER

Eastway's research & development department white paper by director Kevin Berkery and James Merrick was featured in Reliable Plant magazine and newsletter across the US. The paper introduces an approach to detect machine faults using vibration sensor data on convolutional neural network supervised learning models. Visit [www.eastwaytech.com/knowledgecentre](http://www.eastwaytech.com/knowledgecentre) to view.



# EVENTS



Knowledge Day 2021

## STAFF NEWS & CHARITY SUPPORT



The 10km Great Limerick Run went virtual this year with 8 members of the Eastway team taking part. One even made it on to the leader board! Our chosen charity was Pieta House. Well done to all involved!

We also took part in a sponsored silence in aid of The Irish Motor Neurone Disease Association. The families of our 12 team members were very grateful for this one, and all have expressed hopes we will repeat it again soon!!

The UEFA Euro 2020 brought out the Eastway team's competitive spirit and generated great fun around the offices this year. Congratulations to winners Maria and Bernard.

## ENTER THE EUROZONE



Eastway took part in Enterprise Ireland's new 'Enter the Eurozone' programme, which aims to open Europe's doors to ambitious Irish exporters.

Delivered by European School of Management and Technology (ESMT), Berlin, the programme is also supported by one-to-one business advisors led by IMS Marketing who support companies to develop a European market entry plan.

It was a really valuable programme and we have already begun our journey into the Benelux market.



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