AIRCRAFT COMMERCE

AIRLINE & AEROSPACE MRO & FLIGHT OPERATIONS IT CONFERENCE

8th & 9th June 2022 – Radisson Hotel & Conference Centre, London Heathrow

EMEA 2022

AIRLINE AND AIRCRAFT OPERATORS – DELEGATE INFORMATION

Vendors exhibiting their software and solutions include:

Collins Aerospace · AeroSoft Systems Inc · YONDER · BOEING · NAVBLUE An AIRBUS Company · FLATIRONS · AVTECH · COMPLY365 · ORLANDO Give wings to your TechPubs · empowermx

SWISS AviationSoftware · ULTRAMAIN · Openairlines · keepflying reimagine revenue hauls · VISTAIR World Class Aviation Technology · aerogility · AIR SUPPORT · ((B)) Beacon Industrial Maintenance Software · DextraData · Lufthansa Systems

SITA · ASG Avionics Support Group, Inc. · TAILLOG · BlueOne

AIRCRAFT ANALYTICS · M3 SOLUTIONS · ramco · EXSYN Aviation Solutions · aerostrat · SEABURY SOLUTIONS · SMART4VIATION · ooco · EVIONICA · GAMIT

Conduce Mobile Aviation Solutions · FlightAware Live Flight Tracking · AVIOBOOK · emro · IFS · SA · STORKJET · Rusada Aviation MRO Technologies · Honeywell THE POWER OF CONNECTED · Flygprestanda AB Performance Engineering

The World's Leading Aviation IT Conference for MRO/M&E and Flight Operations Solutions returns after more than two years away!

For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

AIRCRAFT COMMERCE 2022

www.aircraft-commerce.com

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

Keynote Presentations/Case Studies

Live Software Demonstrations

Interactive Workshop Sessions

WELCOME

After more than two years away we are delighted to welcome you back to the Airline & Aerospace MRO & Flight Operations IT Conference – EMEA!

Since we have been away, the Covid-19 crisis has changed aviation. For the 13 years we have been hosting this IT conference, we have talked about the benefits of digitization with integrated and enhanced IT platforms for airlines, but adoption of these technologies has been slow. However, Covid-19 has brought about a noticeable change in priorities; IT is now recognized as the heart of any modern airline, and the key enabler for recovery and prosperity going forwards.

As if Covid-19 were not enough of a challenge, the uncertainty of what is happening in Ukraine has highlighted that it is even more important that airlines and MROs have the best modern IT solutions in use to ensure that they are able to be as agile, flexible and fast as possible to cope with whatever instability or changes might be in the future.

With IT now front and centre for airline and MRO infrastructure, and with all booths in the exhibition hall quickly sold-out to more than 40 leading software and hardware vendors, this conference is without doubt our most important ever. The event will offer unprecedented opportunities for airlines and MROs to meet vendors, discuss their own challenges and priorities, and see demos of the latest and leading software solutions. Airlines and MROs who have already taken the first steps to post-Covid recovery and digitization with new and modern IT solutions will be sharing their experiences in the conference agenda, plus there will be the established line-up of industry experts, vendor showcases, workshops, and more to help you unravel and understand this brave new post-Covid world and the opportunities available to airlines and MROs that embrace an IT driven future.

We are also proud to announce that by working with specialist partners, this conference will be our first officially Carbon Neutral event.

Ed Haskey | Events Director | Aircraft Commerce

CONFERENCE OVERVIEW

The conference provides a number of superb opportunities:

- A two day agenda of presentations, case studies and interactive workshops given by industry experts and the airline/MRO IT users themselves will review and let delegates discuss the latest trends and innovations in this rapidly developing sector of the industry. In addition, the popular Sustainable Aviation Solutions, Digital Flight Operations Manuals and Content Solutions, EFB and Flight Operations Solutions , and M&E / MRO IT Solutions Vendor Showcases will be running. See Pages 4-10 for full conference agenda.
- You can network with your peers among the 500+ delegates in attendance from across the EMEA region. Learn from their experiences, share recommendations and exchange ideas.
- A large exhibition area allows airlines, aircraft operators, OEMs and MROs opportunities to try out the major software and hardware IT systems from over 45 world leading vendors. See over the page for a full list of vendors exhibiting their solutions and learn more about the software and hardware you will see.

For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

AIRCRAFT COMMERCE 2022

www.aircraft-commerce.com

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

LIVE SOFTWARE DEMONSTRATIONS:

One of the key benefits of this event is that it allows airlines, aircraft operators, MROs and OEMs with an excellent chance to review and demo all the major software and hardware solutions in one place, in 2 days. Extended refreshment breaks during the presentation programme allows lots of time to browse the exhibition area, and:

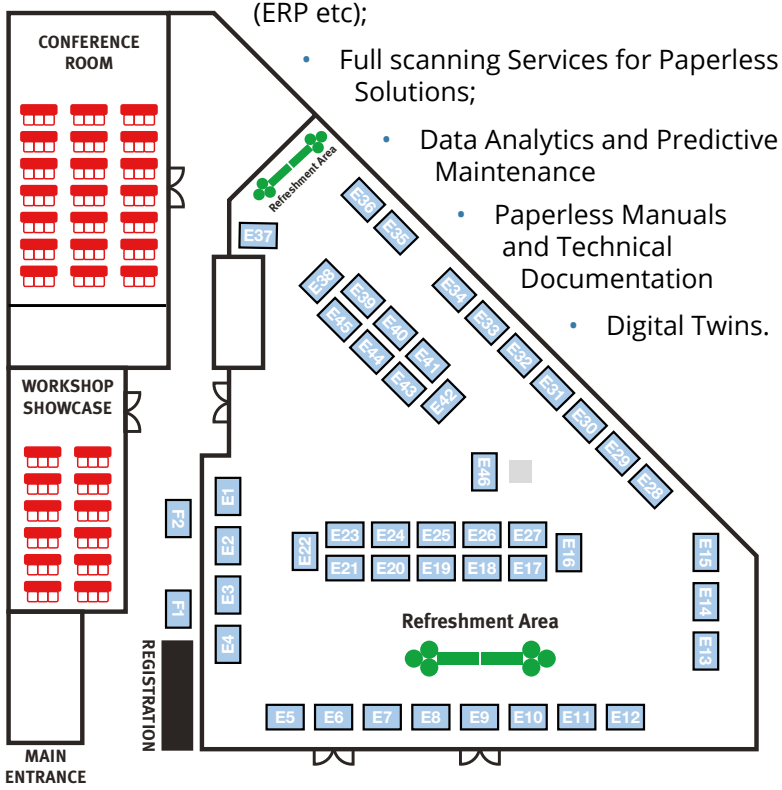
- Try out all the major MRO/ M&E and Flight Operations Software and Hardware solutions from the world's leading vendors and see how they can benefit your company
- Try out all the latest upgrades and add-ons to compliment your current systems
- Discuss with the vendors best practice and how to overcome any problems you may be having with your current systems

Flight Operations Software and Hardware solutions available to demo include:

- Digital and Paperless Flight Deck Solutions
- EFB (Electronic Flight Bag)
- Flight Planning Solutions
- Fuel Saving Solutions
- ETL (Electronic Technical Log)
- Data Analytics and Predictive Modelling
- Operations Cost Management
- Optimising Weight & Balance Software
- Live Flight Tracking
- Live Weather Reporting
- Sustainable Flight Ops Solutions

MRO /M&E Software solutions available to demo include:

- Digital and Paperless Solutions for the Hangar and Line Maintenance;
- Fully Integrated End-to-End MRO/M&E Solutions;
- Supply Chain Solutions Software;
- Digital Documentation Management Solutions/CMS;
- MRO Solutions Linked to Enterprise Wide Software (ERP etc);
- Full scanning Services for Paperless Solutions;
- Data Analytics and Predictive Maintenance
- Paperless Manuals and Technical Documentation
- Digital Twins.



For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

AIRCRAFT COMMERCE 2022

www.aircraft-commerce.com

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

Pre-conference Making Optimal use of M&E / MRO Software Masterclass Workshop.* – Tuesday, 7th June 2022 (14:00 – 17:30)

*** This workshop is free of charge. We only have 60 seats available for this Workshop. Click here to register for the free workshop.**

PRE-CONFERENCE MAKING OPTIMAL USE OF M&E / MRO SOFTWARE MASTERCLASS WORKSHOP – *(Workshop / Showcase room)*	
14:00-17:30	**REFRESHMENT BREAK**
	IT industry leaders worldwide have all given testimony and credence to the reality that the rate of IT adoption over the past 2 years has been 4x-6x that which was experienced pre-COVID-19. The rate of technology innovation and advancements with MRO software has far outpaced adoption by MRO business units. So where is your organization on that maturity cycle? Have you accelerated adoption at least 4x- or are you still behind? Making optimal use of existing software applications starts with qualitatively and quantitatively analyzing business functions usage and adoption versus your available technology capabilities. Defining opportunities from that analysis and setting a strategy for improvements should then follow. Additionally, embedding a culture of continuous improvement and standardizing the handling of software releases to stay current is a common challenge to be addressed. **This workshop will focus on how to optimize the use of your existing M&E / MRO IT systems and covers the following key issues:** • How well are your current M&E / MRO business functions and processes enabled with available technology? Are available systems used efficiently and to their full potential for the business? • Does the Maintenance organization have the right decision support information in a comprehensive and timely fashion? • What is the integrity of the data? Do all stakeholders trust it, or do they have their own methods of capture? Is there one source of truth? • How well are you keeping up with system releases and emerging industry trends? Are you on the latest versions? How do you stay abreast of any advancements in business processes and corresponding software impacts? **Workshop Hosted by: Allan Bachan, VP, ICF and supported by his MRO consulting team and Aircraft Commerce associates**
15:30-16:00	**REFRESHMENT BREAK**

REGISTER TO ATTEND THIS WORKSHOP

This workshop is free of charge

All participants will be provided with course materials post-conference.

Register Online: Click the following link
https://www.aircraft-commerce.com/product/airline-aerospace-mro-flight-ops-it-conference-2022-emea/#workshop

ed.haskey@aircraft-commerce.com

+44 1403 230 700

For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

AIRCRAFT COMMERCE 2022

CONFERENCE AGENDA OF PRESENTATIONS

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

DAY ONE – WEDNESDAY 8th JUNE 2022

Icons explained: **Flight Operations IT track** **MRO / M&E IT track** **Prize Draw Session – Win an iPad!**

The conference agenda includes keynote presentations, case studies, interactive workshops, and IT Vendor Showcases all delivered by airlines, aircraft operators, OEMs, MROs, Consultants, Regulators and IT Vendors to provide delegates with varied and interesting insights into the key topics in this constantly evolving aviation sector.

08:00-08:55	**BREAKFAST – DELEGATE REGISTRATION – SOFTWARE DEMONSTRATIONS**	
08:55-09:00	**Opening Remarks: Conference Chairman**	
	MRO / M&E IT TRACK – (Main Conference Room)	**FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
09:00-09:30	**Aircraft Maintenance IT Modernization – if not now, when? And how?** IT industry leaders worldwide have stated that the rate of IT adoption over the past 2 years has been as high as 5 times higher when compared to pre-COVID-19 rates. Projects slated as far as 2026 were accelerated and some are now completed. In many respects, these were necessary for business continuity. The rate of technology advancements with Aviation MRO software has always far outpaced adoption by MRO businesses : at least 7 of the top 10 MROs globally are on legacy or home built applications which are at least 3 versions behind. Similarly, many large airlines (>150 aircraft) still continue to run M&E software solutions which are static, > 4 versions behind and /or contain remnants of legacy software which are very much alive with no planned retirement dates. We have also seen international phenomena tagged as 'The Supply Chain Crisis' and 'The Great Resignation' emerging in 2021 and continuing well into 2022. What strategy should airlines, operators and MROS adopt for MRO IT modernization which addresses these situations? The rise of several strategies including digital twins, low-code/no-code approaches, cloud architectures, citizen developers etc. have expanded the several avenues for modernization. This Keynote will explore this modernization topic in some detail. **Allan Bachan,** VP, ICF	09:00-9:45 **Vendor Showcase: Sustainable Aviation Solutions** Your chance to quickly find out about the industry leading solutions designed to assist airlines with achieving their sustainability goals: including Fuel Efficiency / Management Solutions, Flightdeck Optimizer Apps, more. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. **Vendors presenting include:** 1. Boeing 2. StorkJet 3. AVTECH 4. SITA FOR AIRCRAFT 5. Honeywell 6. OpenAirlines

AIRCRAFT COMMERCE 2022

CONFERENCE AGENDA OF PRESENTATIONS

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

	MRO / M&E IT TRACK – (Main Conference Room)	**FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
09:30-10:00	**Case Study: Digital Transformation at Etihad Airways Technical – Integrating Real-Time Flight Deck and Maintenance Data with an ETL/ELB** At Etihad Airways, the Covid-19 pandemic has accelerated the airline's digital transformation agenda, with the need to automate, digitize and integrate becoming a necessity. The vision of Etihad's digital transformation is to allow the airline to adopt a more agile mindset and future proof the organization while enabling Etihad to drive shareholder value and delivering its renowned high customer service. At the heart of our digitization strategy is fleet wide implementation of an Electronic Technical Logbook (ETL/ELB). The ETL is a complete digital replacement for the aircraft journey, defect, and technical paper logbooks, which not only significantly improves turn-around efficiency, but also provides a key piece in the digital transformation puzzle – integrating real-time flight deck data and reports with the maintenance management systems, providing Etihad with a real-time airworthiness snapshot of the fleet. **Eric Bogner,** Manager Strategic Partnership and Performance, Etihad Airways	09:45-10:30 **Vendor Showcase: Digital Flight Operations Manuals and Content Solutions** Your chance to quickly find out about the industry leading solutions designed to assist airlines with digitizing manuals and content for delivery to the flight deck and other key frontline staff. Including end-to-end systems to create, edit, and revise and manuals and content; EFB / flight deck Apps; smart and dynamic content, and more. Each Vendor will provide a brief 7 minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. 1. Orlando for TechPubs 2. Comply365 3. Flatirons Solutions 4. Yonder 5. Vistair
10:00-10:30	**Case Study: Sabena Technics – Realizing the gains from digital and paperless maintenance processes** In 2018, Sabena Technics launched a digitization program specifically in Major Airframe activities. With the first A330 full digital and paperless C-Check performed successfully. In this presentation Sabena Technics outline how the project has progressed, including implementing a full suite of eMobility Apps and paperless maintenance management software to support the digital processes. You will hear the business benefits realized four years after launching the project, including: value creations, obstacles encountered and overcome, successes and practical experiences; as well as a look at the digital tools and Apps themselves, and how engineers interact with them during the maintenance process. **Francois Dore,** VP Innovation and IT, Sabena Technics	
10:30-11:15	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

	MRO / M&E IT TRACK – (Main Conference Room)	**FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
11:15-11:45	**Case Study: Finnair Enhances Aviation Safety with Implementation of a Digital Tool Management Solution** In this case study presentation, Finnair highlight how a new digital tool management solution (MROTools from QOCO), developed using the latest barcode, RFID, Web and App technology has helped the airline to achieve more visibility and better control of tools, while making it easier for engineers / mechanics to access the tools they need, when they need them, using their mobile devices. You will hear about the development process and implementation challenges. Now that the solution is successfully live, some real-world experiences and milestones are outlined, such as how a mechanic using the mobile app can: hand over a tool to a colleague without visiting the tool store, pre-book tools for collection, report tool defects including pictures, and more. You will also hear about future plans. **Atte Luomala,** Production Development Engineer, Finnair	11:15-12:45 **Vendor Showcase: Flight Ops Solutions and Electronic Flight Bag (EFB) – Part 1** Your chance to quickly find out about the industry leading Flight Ops Solutions, such as Flight Planning, Flight Ops Management, Communications, Connectivity, and more; and EFB Software, Hardware and Apps. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. **Vendors presenting include:** 1. Flygprestanda 2. Evionica 3. Boeing 4. Collins 5. AvioBook 6. Air Support 7. DextraData 8. Avionics Support Group (ASG) 9. Smart4Aviation 10. Scandinavian Avionics
11:45-12:15	**Case Study – SmartLynx: Electronic Technical Logbook (ETL/ELB) Operating Performance over 4 years and Smart Data Integrations / Analytics** SmartLynx were early adopters of a modern Electronic Technical Logbook (ETL/ELB) solution, having implemented and been operational with it for several years. In this presentation, the airline outlines its experience of implementing and using the ETL/ELB highlighting the operational benefits. Additionally, with a mature ETL program, SmartLynx have been able to take full advantage of the technology around the data collected and integrate it with an analytics platform to generate some smart data analytics, to further increase the airline's efficiency. You will hear about this project during the presentation. **Yuliya Kornyeva,** CAMO Manager, SmartLynx Airlines	
12:15-12:45	**Case Study: The importance of managing aircraft data as part of the digital transformation journey at Etihad Airways** Etihad airways has embarked on a widespread digital transformation journey of its technical operations. Eliminating legacy systems, implementing new technology and harmonizing systems in use within its entire technical operations. Key enabler in achieving desired outcomes from all the digital transformation initiatives is the underlying aircraft data that needs to power new systems implemented. During this keynote, Etihad & EXSYN will discuss the overall strategic importance of Etihad's digital transformation, the importance of aircraft data during digital transformation projects, how to establish technology and governance to manage this as well as common pitfalls to avoid. **Gavin Gronert,** Project Manager, Etihad Airways **Sander de Bree,** Chief Visionary, EXSYN	

AIRCRAFT COMMERCE 2022

CONFERENCE AGENDA OF PRESENTATIONS

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

	MRO / M&E IT TRACK – (Main Conference Room)	**FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
12:45-14:00	**LUNCH – SOFTWARE DEMONSTRATIONS (Exhibition Hall). Sponsored by:** Flygprestanda AB Performance Engineering **Visit us on Stand E1**	
14:00-14:30	**Case Study: Aer Lingus – Improving Aviation Productivity with AI and Automation: The Safety Case.** This presentation will look at a case study on how Artificial Intelligence (AI) and Robotic Process Automation (RPA) are being used to improve productivity and speed of processing within a safety team. Time Consulting Group (TCG) specialise in improving productivity and processes through traditional Lean Management techniques and, increasingly, through the application of AI and RPA. TCG have partnered with Aer Lingus to demonstrate how effectively AI and RPA can automatically process low risk safety reports freeing up the safety investigators and safety administrators to work on higher value tasks. **Richard O'Mara,** Partner, Time Consulting Group **Paul Watkins,** Safety Manager, Aer Lingus UK (will join Rich for Q&A)	14:00-14:30 **Vendor Showcase: EFB and Flight Operations Solutions – Part 2** Your chance to quickly find out about the industry leading Flight Ops Solutions, such as Flight Planning, Flight Ops Management, Communications, Connectivity, and more; and EFB Software, Hardware and Apps. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. **Vendors presenting include:** 11. Lufthansa Systems 12. SITA FOR AIRCRAFT 13. NAVBLUE 14. TAILLOG 15. Blue One
14:30-15:00	**Case Study: ASL Aviation Group – Managing aircraft data of a multi-AOC operator in a single MRO&M&E software system** The ASL Aviation group is a multi-AOC cargo operator with CAMO's spread-out across Ireland, Belgium, France, Thailand and South Africa. Within the group one of the common operated aircraft types include both the 737-classic as well as the 737NG's. Across the CAMO's several different MRO software systems are used to manage airworthiness and maintenance of the fleet. In 2016 the ASL group embarked on an initiative to establish centralized CAMO activities and implement a single MRO software system (AMOS) to manage the entire global fleet. Simultaneously the company decided to aggressively expand their fleet with B737NG Passenger-to-Freighter conversions as well as be a launching customer for the new ATR72-600F. During the key-note ASL and EXSYN will talk about the overall initiative of establishing a centralized CAMO supported by a single MRO software system, as well as the challenges and solutions in harmonizing fleet data and simultaneously phasing-in new aircraft into the fleet. **Shane Murphy,** ACC Specialist, ASL Airlines **Rob Vermeij,** Head of Operations, EXSYN	14:30 – 15:00 **M&E & MRO IT and Flight Operations IT Track** (Workshop / Showcase Room) **Vendor Showcase: Electronic Technical Logbook (ETL/ELB)** Your chance to quickly find out about the industry leading Electronic Technical Logbook (ETL/ELB) Solutions, including flight deck Apps, M&E System integration, accompanying Apps for Cabin Crew, etc, and more. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. 1. Boeing 2. Conduce 3. EmpowerMX 4. Ultramain Systems 5. Trax
15:00-16:00	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	

AIRCRAFT COMMERCE 2022

CONFERENCE AGENDA OF PRESENTATIONS

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

	MRO / M&E IT TRACK – (Main Conference Room)	**FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
16:00-16:30	**Case Study: Air Europa – Digital Transformation Project for Paperless Maintenance with a Suite of Mobile Apps during the Pandemic** In 2019 Air Europa decided to embark on a Maintenance Digital Transformation Plan, with innovation and continuous improvement at the project's heart. One key element for the plan was to change legacy maintenance system and deploy an updated and industry-aligned tool that allow the airline to digitalize, improve internal processes and eliminate all paper. In this presentation Air Europa outline the tool selection process and the enormous challenges of implementing the suite of software and Mobile Apps during the world's worst pandemic. Successful go-live for the core maintenance system (eMRO from Trax) and the suite of mobile Apps (eMobility from Trax) for mechanics was on July 21st 2021. Now that the system is live the benefits Air Europa are seeing are outlined along with plans to digitize the 'last mile' through implementing an eTLP (ELB/ETL) in 2022. **Francisco de Borja Mas Boned,** Innovation Manager, Air Europa Líneas Aéreas	16:00-17:00 **Workshop Session: Aviation Industry 2030 – The shape of the industry in 2030 and what airlines and the industry can do now to gain maximum benefit** How will the aviation industry look in 2030? The drive for digitization, the environmental crisis and the push to a carbon neutral goal, the rise of drones and eVTOLs, and more, all present major challenges and opportunities for airlines. This workshop session will focus on the interrelated nature of these and other issues in the context of Industry 2030. What are the industry's opportunities that need to be exploited now and to be in airlines' strategic and program horizons today—not tomorrow. Will we look back on 2022 and say "if only", or will we talk about how opportune this conference was for the industry? Join Michael Bryan from Closed Loop Consulting in this workshop to discuss these issues and how a, comprehensive industry transformation program can positively address these issues and ensure that Industry 2030 delivers for everybody. The discussions will form a precursor to Industry 2030-a tabletop hypothetical on day two. The workshop will begin with a look at historical and current industry challenges and the opportunities airlines have had in the past for change (Covid-19, SARS, Environment, System delays, etc.), the times when the industry used the same rhetoric: "we'll use this time to plan, become more efficient and resilient, ready for the next 'black swan' event… things will be different next time… But how did that go? What changed? If we look back on these times with the benefit of hindsight, we'd have to say, not great, and not much. Nothing changed except the industry added overheads to overheads making it harder and harder to make the cost of capital and a profit after that. This workshop looks to the future where finally the prospect for change is real and happening! **Michael Bryan,** Founding Principal, Closed Loop Consulting
16:30-17:00	**Planning for a digital and sustainable future in Aircraft Maintenance** Over the last 20 years there has been a revolution in the use of digital technology in aircraft design, manufacturing, operation, and sustainment. The aspect commonly called 'digital aviation', the use of data and software to increase operational performance, is an often-overlooked lever for delivering on sustainability goals within aircraft maintenance. In this presentation Cranfield University showcase examples from their new Integrated Vehicle Health Management (IVHM) Centre to explore other lesser-known examples in the maintenance and engineering domain, and they look ahead to future digital and sustainable trends, including the concept to deliver a so-called 'Conscious Aircraft' with the potential for a zero-maintenance platform utilizing aircraft sensors and real-time data, leading to lower emissions from lower fuel consumption, lower energy usage and reduced materials usage/ wastage in the maintenance process. **John Maggiore,** Senior Advisor, Cranfield University **James Angus,** Commercial Director of the Integrated Vehicle Health Management (IVHM), Cranfield University	

	MRO / M&E IT TRACK – (Main Conference Room)	**FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
17:00-17:30	**eVTOL / Drones / UAV: The next great disrupter in Aviation** In this presentation ICF provide an overview of the current eVTOL / Drone / UAV market and outline how this new technology will be integrated into the current commercial airline environment. The presentation focuses on the technology used to manage operations – will these new aircraft use the same or similar systems for maintenance and flight operations? eVTOL maintenance cash flows and operating costs will also be analysed. **Martin Harrison,** Global Managing Director – Airlines, Aerospace & MRO, ICF	
17:30-19:30	**COCKTAIL RECEPTION – SOFTWARE DEMONSTRATIONS (Exhibition Hall).** Rusada Aviation MRO Technologies **Sponsored by: Visit us on Stand E42**	

AIRCRAFT COMMERCE 2022

CONFERENCE AGENDA OF PRESENTATIONS

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

DAY TWO – THURSDAY 9th JUNE 2022

08:00-08:55	**BREAKFAST – DELEGATE REGISTRATION – SOFTWARE DEMONSTRATIONS**	
08:55-09:00	**Opening Remarks: Conference Chairman**	
	FLIGHT OPERATIONS IT TRACK – (Main Conference Room)	**MRO / M&E IT TRACK –** (Workshop / Showcase Room)
09:00-09:30	**Keynote: EUROCONTROL – TBO and FF-ICE; Collaborative ATM and Higher Airspace.** The (TBO) Trajectory Based Operations Concept is a transformational concept that will enable collaborative decision making between all actors involved in the planning and execution of a flight. The information is shared and maintained using (FF-ICE) Flight and Flow Information for a Collaborative Environment over a SWIM (System Wide Information Management) infrastructure. This presentation will provide an overview and explain what TBO is and how is can work in practice; also for the Higher Airspace Operations. **Henk Hof,** Head of ICAO and Concepts Unit, Eurocontrol	09:00-9:30 **MRO / M&E IT Vendor Showcase – Part 1** Your chance to quickly find out about the industry leading Aviation Maintenance IT Solutions, such as major end-to-end aircraft maintenance management systems, digital technical records, digital technical documentation, data analytics, niche mobile apps and solutions, and more. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. **Vendors presenting include:** 1. KeepFlying 2. Beacon Industrial Maintenance Software 3. Rusada 4. QOCO 5. Aerosoft Systems 6. Seabury Solutions 7. IFS 8. TRAX 9. EXSYN 10. Aerostrat 11. Gamit 12. Stelae Technologies
09:30-10:00	**Aviation Industry 2030 – The shape of the industry in 2030 and what airlines and the industry can do now to gain maximum benefit: Panel Discussion and Interactive hypothetical** Following the Industry 2030 discussions from day one, this morning's keynote will include a panel discussion and an interactive 'hypothetical' projection illustrating what the future could look like. What will airlines need to consider to be active participants in a dynamic, multi-dimensional and multi-modal global transport system? What would be the role of suppliers? The foundation of our industry is undergoing tectonic shifts. Be ready. Join Captain Martin Mitev, Michael and Marcus from Closed Loop and others to get a hands-on sense of what the future means to you. Come prepared by signing up for the day one Industry 2030 workshop/discussion. **Michael Bryan,** Founding Principal, Closed Loop Consulting **Marcus Carr,** Director of Projects, Closed Loop Consulting **Capt. Martin Mitev**	

	FLIGHT OPERATIONS IT TRACK – (Main Conference Room)	**MRO / M&E IT TRACK –** (Workshop / Showcase Room)
10:00-10:30	**Case Study: Sunclass Airlines – Digital OCC Solution Project: Implementation, Covid Challenges, Benefits** In this case study Sunclass Airlines outline the airline's project to select and implement a new Digital OCC solution: N-OC from NAVBLUE. The presentation showcases the project challenges such as starting the airline from an existing legacy business, selecting and implementing a new core critical software solution, and coping with a global pandemic. Now the solution is live, the flexibility and ability of the integrated operations IT platform start to show its potential for cross application process automation and rapid adaption to changing operational challenges. But where process automation for obvious reasons is the way forward, it also brings a new set of challenges to be addressed. Examples of current and future automations is discussed together with the challenges they bring. **Lene Nielsen,** Business Analyst Nordic Leisure Travel Group IT at Sunclass Airlines **Peter Friis Højgaard,** Head of Flight Operations, Sunclass Airlines	
10:30-11:15	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	
11:15-11:45	**Case Study: SunExpress – Taking Digital Flight Ops Manuals to the Next Level** During this case study, SunExpress will outline how the airline has transitioned to a more efficient, end-to-end, and streamlined process to create and deliver digital smart content and manuals to its pilots and cabin crews. As you will see, attribute-based group distribution allows pilots and cabin crews to access their role- or task-specific content using Comply365's Mobile App, which automates compliance tracking for the 3,500 users at SunExpress. It also equips frontline employees with electronic forms to send data to the operations staff, to enable data-driven decisions. The case study will explain how their team, already experienced in XML, was able to quickly migrate 700 manuals into Comply365's ProAuthor solution in 15 days to manage the end-to-end authoring and distribution process. The project drivers, implementation approach and operational benefits will also be discussed. **Orçun Yüksel,** Documentation Senior Specialist, SunExpress	11:15-11:45 **Vendor Showcase: MRO / M&E IT Vendor Showcase – Part 2** Your chance to quickly find out about the industry leading Aviation Maintenance IT Solutions, such as major end-to-end aircraft maintenance management systems, digital technical records, digital technical documentation, data analytics, niche mobile apps and solutions, and more. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, 2022 outlook. **Vendors presenting include:** 13. Swiss-AS 14. EmpowerMX 15. Aerogility 16. M3 Solutions 17. Ramco 18. Ultramain 19. Comply365 20. Boeing

	FLIGHT OPERATIONS IT TRACK – (Main Conference Room)	MRO / M&E IT TRACK – (Workshop / Showcase Room)
11:45-12:15	**Case Study: Volotea – Leveraging a Flight Cruise Profile Optimizer Solution for Eco-Efficiency Flying** This case study outlines Volotea's use of the new ClearPath Cruise Profile Optimizer Solution from AVTECH which provides pilots with vertical flight path optimization in-flight, resulting in significant fuel and time savings per flight. The solution has been developed to utilize existing aircraft hardware and data communications, requiring no new aircraft hardware or software investments, and delivers the key profile data to Volotea's pilots in the flight deck. During the presentation Volotea will outline the solution's key features and benefits and explain how ClearPath retrieves real-time flight plan and aircraft performance data (cost index, weight, etc), and the most accurate and advanced wind and temperature data to provide pilots with real-time in-flight decision support to select the most optimal flight level in all stages of flight to save fuel, CO2 emissions, time and costs. **Luis Fernandez,** Fuel Efficiency Manager, Volotea	
12:15-12:45	**Case Study: British Airways – Our most important journey yet: Working with Honeywell Forge Flight Efficiency to become Net-Zero by 2050** In this Case Study, British Airways outlines its plans to achieve Net-Zero carbon emissions by 2050. At the heart of the project is increasing flight efficiency and reducing fuel consumption for each flight, and Honeywell Forge Flight Efficiency is helping drive these initiatives. British Airways leverages the platform's big data technology and smart analytics to track, execute and validate all aspects of their flight efficiency program, especially fuel efficiency performance. Honeywell Forge also supports broader operational efficiency and regulatory reporting projects company wide, and it engages pilots with flight deck apps for real-time in-flight analysis and fuel savings. **Capt. Spencer Norton,** Manager Flight Efficiency & Evaluation, British Airways	
12:45-14:00	**12:45-14:00 LUNCH BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall). Sponsored by:** Flygprestanda AB Performance Engineering **Visit us on Stand E1**	

	✈ **FLIGHT OPERATIONS IT TRACK** – (Main Conference Room)
14:00-14:30	**Case Study: Wizz Air – Using an Innovative Artificial Intelligence (AI) powered Fuel Efficiency Solution** Wizz Air, whose motto is "Fly the greenest" is not only one of the fastest-growing airlines in Europe but also one of the most ecological. To increase fuel savings, in early 2022 WizzAir adopted an innovative fuel efficiency solutions from StorkJet. This case study will focus on the advanced fuel efficiency gap analysis made by StorkJet, which was done with the innovative AI fuel burn prediction models. These models are applied for such areas like flight planning, APU, taxi, take-off, climb, cruise, descent, approach, and landing. By simulating all feasible what-if-scenarios StorkJet was able to identify totally new, so far unknown optimization areas. Next, Wizz Air will showcase FuelPro (Fuel Dashboard from StorkJet) which supports in implementing new initiatives, promoting best practices and monitoring already achieved savings. To engage pilots Wizz Air is introducing an EFB app – FlyGuide, which helps pilots plan the flight in an optimum way and shares intuitive feedback after the flight. **Jaime Romero Waldhorn,** Fuel Efficiency Manager, Wizz Air
14:30-15:00	**EFB Latest Developments, and What's Next?** The Electronic Flight Bag (EFB), was at the forefront of digital transformation within aviation. Now that EFB is an established technology and used by the majority of airlines, how are EFBs evolving within the next wave of digital transformation projects? What are the latest developments? How does the EFB fit into the overall IT landscape of an airline – stand-alone or now part of a wider technology platform? What's next for EFB, and will the technology be used within the next great industry disrupter: eVTOLs / Drones? In this presentation, all these questions will be addressed, including looking at integrating the EFB with other systems, such as automatic fetching of QAR data and sending to the back-office system and/or service providers like L3 Harris /Flight Data Systems. As most EFBs now are connected both on ground and in air, the vital aspect of Cyber Security within the EFB environment will also be discussed. **Klaus Olsen,** EFB Admin Services **Fredrik Uddergard,** Frontline Industry Sales Lead EMEA, Microsoft
15:00-15:30	**Airline Case Study: Aerologic – Predictive Analytics and Real-Time Weather App Drive Efficiencies and Fuel Savings** In this case study, Aerologic outlines its use of two solutions from SITA FOR AIRCRAFT. Firstly, OptiFlight the predictive in-flight fuel efficiency solution leveraging machine learning aircraft performance models to optimize all flight phases including climb-out, cruise and descent. As you will see, the OptiFlight App provides the pilots in real-time with predictive information to optimize all phases of flight to to save fuel and emissions. Secondly Aerologic outline its use of eWAS delivering to pilots live weather data to the flight-deck. You will learn how both solutions have assisted the airline with its plans to optimize efficiency and reduce fuel and emissions. **Speaker TBC,** AeroLogic
15:00-15:30	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**

	FLIGHT OPERATIONS IT TRACK – (Main Conference Room)
Prize Draw Session Win an iPad	**Business cards will be collected at the beginning of this session. The prize draw will be made at the end of the second presentation. You have to be in the room to win the iPad – Good luck!**
16:00-16:30	**Sustainability: CORSIA, UK-ETS, EU-ETS Emissions Reposting and Biofuels updates** In this presentation, Guido Harling provides an update to the EU-ETS, UK-ETS and CORSIA 2021 emissions reporting – airlines reporting to Europe are required to have submitted their report by the end of March 2022, with airlines outside the EU by the end of April 2022. This presentation focuses on what airlines need to do to remain compliant regarding emissions reporting and how to compile reports easily and efficiently using the latest technology. You will also learn what's next for emissions reporting, and a quick round-up of biofuels, plus the road to a carbon neutral industry. **Guido Harling,** CEO & Founder, ETSverification GmbH
16:30-17:00	**Fuel Efficiency Myth Busters – Using what-if-scenarios with data-driven AI models** How to find real saving opportunities and on what areas should I focus? This simple question is being asked by everyone in the flight ops across the aviation market. However, these days, with available software on the market a solution is not so easy to find. Because of that, there are popular beliefs which are far from true. During the presentation StorkJet will take a closer look at two exemplary initiatives: 1. Is Single Engine Taxi as beneficial as everyone says? 2. Is optimization of descent not possible because of ATC restrictions? Or maybe it is the area with the highest saving potential? All these questions can be answered by simulating what-if-scenarios with data-driven AI models. As a result, fuel managers can focus on the most beneficial areas and do not waste time on actions that do not bring results. **Emil Kaptur,** PhD, Head of Research and Development, StorkJet
17:00	**END OF CONFERENCE**

AIRCRAFT COMMERCE 2022

AIRLINE & AIRCRAFT OPERATORS BOOKING FORM

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

A limited number of VIP delegate options available for airlines and aircraft operators.

DISCOUNTS
are available if you can only attend for just one day.

CONTACT US
For more information contact:
Ed Haskey:
ed.haskey@aircraft-commerce.com
Tel: +44 1403 230 700
Fax: +44 1403 230 525

For our CANCELLATION & REFUND policy, please see our Terms & Conditions at https://www.aircraft-commerce.com/events/conference-terms-conditions/

By registering using this form, it is assumed that you accept these Terms & Conditions

VIP OPTION 1

EURO € 245.00 - includes TWO nights accommodation at the Radisson Hotel and Conference Centre (conference venue)

I wish to register: ☐ (number of delegates) **TOTAL** € EURO ☐

Please indicate which two nights you require: **7th June** ☐ **8th June** ☐ **9th June** ☐

Please contact Michel at michel@aircraft-commerce.com
if you require MORE than two nights of accommodation, or have any questions related to room booking.

VIP OPTION 2

EURO € 95.00 – delegate pass only – no accommodation included

I wish to register: ☐ (number of delegates) **TOTAL** € EURO ☐

Pre-conference

FREE Pre-conference Workshop The pre-conference training workshop session takes place on the **7th June 2022**, from 14:00 – 17:30 at the conference venue. Workshop title – Making Optimal use of M&E / MRO Software Masterclass Workshop. Please register to attend

I wish to register: ☐ (number of delegates)

DELEGATE 1 Company: ..... Name: .....

Job Title: ..... Email: ..... Tel: .....

DELEGATE 2 Company: ..... Name: .....

Job Title: ..... Email: ..... Tel: .....

To register further delegates please complete and return an additional form.

☐ Invoice me ☐ Visa ☐ Mastercard

Address for invoice..... Cardholder's name .....

..... Card No: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

..... Expiry Date ☐☐☐☐ Security Code ☐☐☐

For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

AIRCRAFT COMMERCE 2022

CONFERENCE AGENDA OF PRESENTATIONS

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE EMEA

8th & 9th June 2022
Radisson Hotel & Conference Centre, London Heathrow

Carbon Neutral Event

Aircraft Commerce is proud to team up with our partners Conference Care and their Carbon Consulting team to deliver our first carbon neutral event.

How it works

We'll be using the Conference Care online Carbon Calculator to work-out the travel, accommodation and catering needs for the upcoming conference. The Carbon Calculator will be sent to all delegates to enter their travel plans and only takes a few minutes to complete. This information then enables Conference Care to work us, the event organiser to measure the overall carbon footprint of the event, offer advice on how to reduce this footprint and offset any remaining carbon tonnage of the event.

Carbon Offset Programs

We offset the carbon emissions associated with the conference by supporting projects which provide clean, renewable energy to the grid in India & Vietnam, supply innovative efficient cooking technologies to rural communities in Guatemala, treat wastewater & provide clean biogas for industry in Thailand, and help to protect the precious Amazon Rainforest against
illegal deforestation in Brazil. As well as this, Conference Care will also be planting a tree right here in the UK for every 10 tonnes of carbon emissions that we offset.

Example Programs Include:

1. **UK tree planting and protecting the Amazon** – UK and Brazil
   This project provides an opportunity to plant trees in the UK whilst also helping to protect the Amazon Rainforest
2. **ONIL Improved Cooking Stoves** – Guatemala
   The ONIL Stove is a fuel-efficient stove that reduces the amount of firewood required by households by up to 58%, and results in lower emissions based on its construction. Since a very high proportion of fuel wood comes from non-renewable sources, this translates directly into reduced emission reductions from non-renewable extraction of wood. A single ONIL Stove will save between 3-4 tons of CO^2e per year.
3. **Pacajai REDD+ Project** – Brazil
   This project is working to prevent unplanned deforestation in native forests, which has occurred due to logging, squatting and attempts to implement pastures.
4. **Solar power project** – Vietnam
   The project involves the installation and operation of Srepok 1 solar power plant with peak capacity of 50 MW. This project is located in Village 9, Ea Wer commune, Buon Don district, Dak Lak province, Viet Nam. The purpose of this project is to generate clean form of electricity through renewable solar energy source. The net electricity generated from this project (annual estimated electricity output is 75,606 MWh) is supplied to the national grid via the transmission line. The Srepok 1 solar power plant will use Polycrystalline panels to recover solar radiation. Polycrystalline modules are the most commonly used technology in commercial and industrial solar projects. Solar panels used in the project are imported from China, with a lifespan of 25 years.
5. **Biogas wastewater treatment and biogas utilisation project** – Thailand
   This project captures methane at a Thai starch plant using two closed anaerobic wastewater treatment facilities and converts the gas into energy, partially replacing the need for fossil fuel consumption. The project has a twofold effect: it prevents methane from harming the climate and avoids thousands of tonnes of fossil fuel being burnt per year.
6. **199.70 MW Wind Project in Maharashtra by BWDPL** – India
   The main purpose of this project activity is to generate a clean form of electricity through renewable wind energy source. Bothe Windfarm Development Pvt. Ltd. is the promoter of the proposed project activity. The Project has 40 Wind Turbines of individual capacity 2MW each and 57 Wind Turbines of individual capacity 2.1 MW each in Maharashtra state of India. The total project capacity is 199.7 MW.

AIRCRAFT COMMERCE

THE WORLD'S LEADING AVIATION MRO & OPERATIONS IT CONFERENCE SERIES RETURNS TO THE EMEA REGION FOR 2022

"*The conference was a great opportunity for industry technology professionals to touch base on important matters in the aviation industry*"

Director, Information Technology, JorAMCo

"*Excellent opportunity to see Vendors and network in one location*"

IT Manager, KLM (UK) Engineering

"*Great conference with lots of new info; for me it was most useful*"

EFB Project Coordinator, Belle Air

"*Excellent! Very useful information and case studies to help with our big transformations. Included issues very relevant to our job*"

Flight Operations Engineering Specialist, Emirates

"*A one-stop-center for airlines and IT software vendors for MRO & EFB technologies*"

Manager Business Solution Group, Malaysia Airlines

"*Enlightening and extremely informative event*"

Engineering Data Specialist, Royal Air Maroc

"*Very good – a nice balance between workshops, case studies and vendor sales activities. Also a very useful networking opportunity.*

I feel I learned about the vendors current software solutions and common issues problems in the MRO world"

Virgin Atlantic Airways

For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700