AIRCRAFT COMMERCE

AIRLINE & AEROSPACE MRO & FLIGHT OPERATIONS IT CONFERENCE

19th & 20th October 2022 – Amari Watergate, Bangkok, Thailand

APAC 2022

DELEGATE – INFORMATION

aircraftIT
MAINTENANCE – OPERATIONS

EXHIBITION HALL SOLD OUT

CARBON NEUTRAL EVENT

12:15 PM

27

Vendors exhibiting their software and solutions include:

SWISS AviationSoftware · ORLANDO · empowermx · BOEING · NAVBLUE AN AIRBUS COMPANY · AIRBUS · TXT | PACE · COMPLY365 · TAILLOG · keepflying

Collins Aerospace · Lufthansa Systems · SKY PATH · webmanuals · YONDER · ULTRAMAIN · SEABURY Solutions · AIR SUPPORT · flydocs · M3 SOLUTIONS

Honeywell · SITA · OpenAirlines · ibssoftware · ramco · Logipad aero · ASG AVIONICS SUPPORT GROUP, INC. · emro · OOCO · SQS · aerostrat

VISTAIR WORLD CLASS AVIATION TECHNOLOGY · Rusada aviation software · AIRCRAFT COMMERCE CONSULTING · FLIGHTKEYS 5D · AVIOBOOK · FlightAware Live Flight Tracking · Conduce Mobile Aviation Solutions · FLYHT INSIGHT · ACTION · CONTROL · STORKJET · IFS

The World's Leading Aviation IT Conference for MRO/M&E and Flight Operations Solutions returns after more than three years away!
For further information contact Ed Haskey – ed.haskey@aircraft-commerce.com +44 1403 230 700

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Keynote Presentations/Case Studies

Live Software Demonstrations

Interactive Workshop Sessions

WELCOME

After three years away we are delighted to welcome you back to the Airline & Aerospace MRO & Flight Operations IT Conference – APAC!, once again taking place in Bangkok, Thailand.

Since we have been away, the Covid-19 crisis has changed aviation. Over the 10 years we have been hosting this IT conference, much of the talk has been about the benefits of digitization with integrated and enhanced IT platforms for airlines, aircraft operators and MROs, 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 terrible events in Ukraine, and the knock-on global effect of rising fuel prices and increased cost of living, have 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 occur in the future.

With IT now front and centre for airline and MRO infrastructure, the 2022 Aircraft Commerce series of MRO & Flight Ops IT conferences is without doubt our most important ever, with the exhibition space for the leading software and hardware vendors showcasing their latest solutions quickly selling out at each event. Following a hugely successful event in London at the beginning of June, we are bringing the event back to the AMERICAS region in Miami in September, and then to this conference and the APAC region in Bangkok in October.

The event offers 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 officially be a carbon neutral event. We are excited to welcome you all back in person, and urge you to register to attend this event. We look forward to seeing you in Bangkok in October.

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 400+ delegates in attendance from across the APAC region. Learn from their experiences, share recommendations bring 'exchange ideas' up to this line..

A large exhibition area allows airlines, aircraft operators, OEMs and MROs opportunities to try out the major software and hardware IT systems from over 50+ 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.

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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
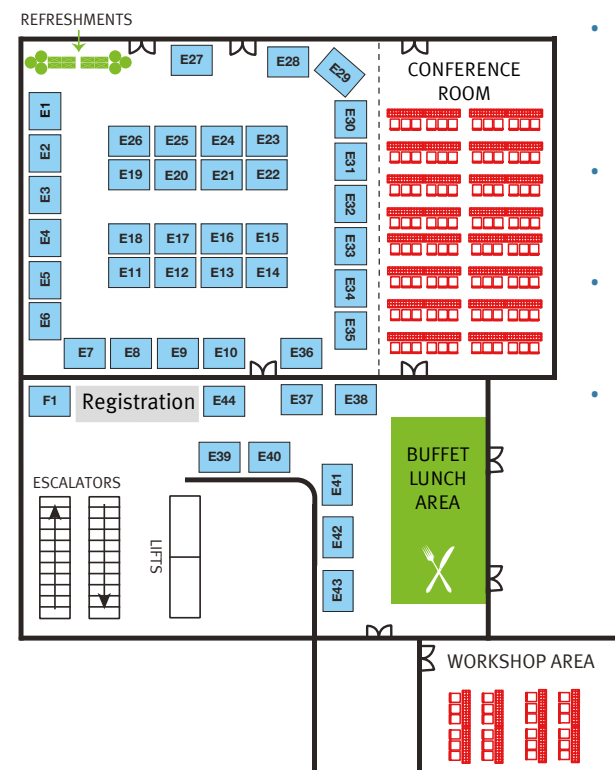
Flight Operations Software and Hardware solutions available to demo include:

- 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

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Pre-conference Making Optimal use of M&E / MRO Software Masterclass Workshop.* – Tuesday, 18th October 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-apac/#workshop

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DAY ONE – WEDNESDAY 19th OCTOBER 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	**REGISTRATION, BREAKFAST AND REFRESHMENTS – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	
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 two years has been as much as five times higher when compared to pre-COVID-19 rates. Projects slated for completion as far ahead 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 seven of the top 10 MROs globally are on legacy or home built applications which are at least three versions behind. Similarly, many large airlines (>150 aircraft) still continue to run M&E software solutions which are static, more than four 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	09:30-10:30 **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. SITA 2. GE Digital 3. OpenAirlines 4. Honeywell 5. FLYHT 6. StorkJet 7. Boeing 8. PACE

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	⚙ **MRO / M&E IT TRACK –** (Main Conference Room)	✈ **FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
09:30-10:00	**Case Study – El Al Airlines: Paperless Base and Line Maintenance Project using Integrated Solutions** In this case study El Al outlines its ambitious paperless maintenance project transitioning from a paper-based process to an entirely digitized one. Phase one of the project is now complete with a full paperless C-Checks of the narrow and wide-body airplanes. El Al will talk over the project structure with technicians now equipped with cutting-edge digital solutions such as AMOSmobile and FLYdocs allowing them to efficiently perform their tasks at the point of maintenance. The project challenges, such as changing the work culture to embrace the technology revolution are discussed, as well as lessons learned. The airline also reveals the next phases of the project, including rolling out the paperless processes and solutions to critical time sensitive line maintenance with its own unique challenges. **Danny Laredo,** Paperless Project Manager M&E Division, EL Al Airlines	
10:00-10:30	**Case Study – Air Works India: Enterprise-wide Digital Transformation for India's Largest Independent MROs** In this case study, India's largest independent MRO facility Air Works India talks through its extensive digital transformation project to support its own and Indian Aviation's growth. Air Works has chartered an innovative and self-reliant technology roadmap. Choosing cloud for its technology transformation journey, Air Works IT has transformed from a disintegrated IT infrastructure, with legacy servers and systems, to a hybrid multi-cloud connected intelligent infrastructure. Besides building the scalable and robust infrastructure, the technology revolution had an impact on every aspect of the business: automation, business critical ERP, Operations, Governance, Cybersecurity, Mobility, Collaboration, Employee productivity, and more. Digitally transforming MRO operations enables Air Works to be more agile and deliver greater reliability, reduced TAT / faster turnarounds, plus offer its customers, especially airlines, an opportunity to meet their strategic and growth objectives including higher aircraft availability, greater maintenance yield and cost savings. **Ramkumar Mohan,** CIO Air Works India	
10:30-11:15	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	
11:15-11:45	**Case Study – Airbus New Zealand: The Power of an integrated MRO solution to maximize Aircraft readiness in the Defence Environment** Having a single source of truth in enterprise applications goes long way towards maximizing productivity and efficiencies. In this session, Airbus New Zealand, will discuss how a connecting MRO software that integrates with flight operations has achieved overall aircraft readiness. **Darryn Welham,** Team Lead Maintenance, Airbus New Zealand	11:15-11:50 **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 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. **Vendors presenting include:** 1. Orlando for TechPubs 2. Web Manuals 3. Yonder 4. Vistair 5. Comply365

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⚙ **MRO / M&E IT TRACK** – (Main Conference Room)	✈ **FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
11:45-12:15 **Case Study – Lufthansa Technik Philippines: Using Digital Strategy, with Budget and Agile IT Projects to Navigate the Pandemic** Lufthansa Technik Philippines (LTP) is expanding rapidly and has just opened a new 9000 square metre hangar to increase overhaul capacity by 20%. In this case study LTP outline how they used clear digital strategy plus budget and agile IT projects to ensure the business successfully navigated the pandemic and was ready for expansion post-pandemic. You will hear how LTP developed a clear digital strategy from the onset of the pandemic to steer IT projects despite the global turbulence; how LTP used a low-code development platform to fast-track digital projects including the building of Apps; learned how to be agile to counter the adverse effects of the pandemic; kept the IT staff safe and motivated; and more. **Roberto Asuncion,** Vice President IT, Lufthansa Technik Philippines	**11:50-12:45** **Vendor Showcase** **EFB and Flight Operations Solutions – 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. NAVBLUE 2. SkyPath 3. DuaLeap / Taillog 4. SITA 5. Air Support 6. OpenAirlines
12:15-12:45 **Digital In Aviation | Benefits of Web3** **Blockchain, NFTs, Crypto, Security and More** In this presentation, #DigitalAircraft look at the latest technology trends that will impact aviation, and how each company can prepare for and take best advantage: What are the opportunities from and effects of Web3 on Aviation/Aerospace. Advanced Technology, Blockchain, NFTs, Digital Tokens and Security all play a role in creating efficient operations in Aviation/Aerospace. "World Aviation Blockchain Market is predicted to Reach $1.4 Billion by 2026" | SAN FRANCISCO, June 27, 2022 /PRNewswire" ... Do you understand how Web3 / Blockchain will impact Aviation? Advanced Technology is many times misunderstood. This means that people delay adoption and getting the value from its use due to: 1) Not understanding the technology, 2) Not understanding the benefits, 3) Not understanding how to successfully implement it, 4) How to mitigate risk and get maximum reward. **Mark Schulz,** Founder, #DigitalAircraft	
12:45-14:00 **LUNCH BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	

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⚙ **MRO / M&E IT TRACK –** (Main Conference Room)	✈ **FLIGHT OPERATIONS IT TRACK** – (Workshop / Showcase room)
14:00-14:30 — **Case Study – IHI: Increasing Efficiency and Oversight by Transitioning to Paperless Maintenance** In this case study IHI, the Japanese Engine OEM and MRO, discuss their transition to paperless maintenance operations through the adoption of Rusada's ENVISION software. They will delve into some of the issues they previously faced, such as the unreliability of paper records, time intensive changes upon OEM revisions, information being stored across multiple platforms, and verification of sign-offs, explaining how ENVISION has allowed them to overcome or completely eliminate the problem. This includes them now having the ability to automatically create a library of authorable Electronic Task Cards and to capture maintenance findings that meet regulatory requirements. **Tomoyuki Chida,** Head of Engineering, IHI **Alan Cramer,** Client Services Manager, Rusada	**14:00-15:00** **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:** 7. ASQS 8. GE Digital 9. IBS Software 10. Avionics Support Group 11. AvioBook 12. FLYHT 13. Collins Aerospace 14. Dextradata 15. Boeing 16. Flightkeys
14:30-15:00 — **Case Study – Ravensdown Aerowork: End-to-End digitalization of operations at Ravensdown** Achieving paperless operations not only impacts the environment around us but the business benefits derived are exponential. In this session, Ravensdown – a top dressing/ fertilizer spraying company using a fleet of primarily Cresco aircraft, will talk about how they have achieved completly paperless operations and a connected enterprise right from manufacturing, supply chain and Flight ops, to Finance and accounting. **Matt Andrews,** Engineering Manager, Ravensdown	
15:00-15:30 — **New Technology Focus: AI driven Digital Platforms for Data Exchange & Digital Financial Twins** With IT and digitization now front and centre for airlines and MROs, new technologies and digital solutions are coming to the market. In this presentation, KeepFlying will talk us through the latest advances in Digital Financial Twins and Data Exchange Platforms, so critical to transform an Aircraft, Engine or MRO's underlying Airworthiness and Maintenance Data to generate commercial predictions and insights. You will see how data integrity can be fast-tracked using Machine Learning models and how the historical problem of data exchange can be solved using ATA Spec2500, Spec 2000 (Chapters 16,17,18) and Spec2400 standards. In addition, given the sensitive nature of data points, why is it important to build systems that are inherently privacy-by-design driven. **Sriram Haran,** CEO, KeepFlying **Varun Prakash Anbumani,** Senior Solution Architect, KeepFlying **Vamsi Krishna,** Data Scientist, KeepFlying	

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	⚙ MRO / M&E IT TRACK – (Main Conference Room)	✈ FLIGHT OPERATIONS IT TRACK – (Workshop / Showcase room)
15:30-16:15	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	
16:15-16:45	**Case Study – Asia Digital Engineering (ADE): Embracing MRO Digital Transformation** In this case study ADE, originally AirAsia's engineering arm and now an independent entity, discusses and showcases its digital transformation journey. First you will learn about ADE pain-points and the need for transformation. The challenges are discussed including manual processes, data incompleteness, unstructured data, lack of tech expertise, and more. You will then see how ADE leveraged the latest technology to enhance collaboration both within the organisation and with suppliers and customers. You will also learn about success stories and homegrown Apps and Solutions from ADE, including AEROTRADE (a cost-effective way to sell surplus inventory), CASCADE (mobility and productivity App for mechanics), E-Learning and more. **Adnan Mansur,** Head of Digital and Innovation, Asia Digital Engineering	**16:15-17:15 Vendor Showcase:** **Electronic Technical Logbook (ETL/ELB)** Your chance to quickly find out about the industry's leading Electronic Technical Logbook (ETL / ELB). 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. TRAX 5. Boeing 2. AvioBook 6. Conduce 3. Swiss-AS 7. Lufthansa Technik 4. Ultramain
16:45-17:15	**Airline Data and Digital Optimization** The presence of a growing volume of data being made available has laid the foundation for the use of analytics in aviation, with the pandemic accelerating the drive to use this data for optimization. Operators looking to optimize their operations while improving their overall competitiveness have taken the opportunity during the pandemic to hasten their digital transformation efforts. However, they have faced multiple challenges while doing so, and will likely have to rely on the assistance of external help to do so in the near-to-medium term. This session will provide an overview of airline data and the platforms that are permeating the airline industry, and the potential benefits they can bring to airlines. Key trends in this space will be explored, including the drivers that underpin these trends. **Alan Lim,** Engagement Manager, Alton Aviation Consultancy	
17:15-17:45	**Case Study: JAL Engineering long range maintenance planning provides a window into the future** In this case study, JAL Engineering Co., Ltd. will explain how its fleet-wide long range maintenance planning has been transformed following its selection of IFS. The cloud-based IFS solution allows the engineering team to manage more aircraft with reduced human intervention due to an efficient user experience, reduction in manual processes, real-time alerts, and automated processes. At a strategic level, JAL Engineering staff can effectively examine the impact of key strategic decisions in the organization – such as adjusting aircraft induction/retirement, modifying resource levels or changing utilization levels – while also comparing key performance indicators. JAL Engineering long range planners now have unified information to give them the insights they need to quickly develop and share regulatory-compliant fleet maintenance plans that best support aircraft availability, task yield, and hangar utilization for nearly 200 aircraft. **Atsushi Kita,** Senior Director Maintenance Planning Group, JAL Engineering Co.	
17:45-19:30	**COCKTAIL RECEPTION – SOFTWARE DEMONSTRATIONS (Exhibition Hall).** Rusada aviation software **Sponsored by: Visit us on Stand E29**	

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DAY TWO – THURSDAY 20th OCTOBER 2022

08:00-08:55	**REGISTRATION, BREAKFAST AND REFRESHMENTS – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**
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	**Case Study – Coral Jet: Implementing Next-Gen Flight Connectivity, In-Flight Real-Time Communications, and Flight Data Analysis Solutions for Start-Up** Coral Jet will begin operations in 2022 based out of Bermuda using a fleet of A319s and A320s. In this case study, the airline highlights how it has targeted the latest technology for enhanced connectivity and real-time communications to power pilots EFB Apps, aircraft data downloads for analysis and in-flight comms between the crew and ops control. You will learn about the challenges of starting up an airline post-pandemic and how the airline will use the advanced connectivity and communications solutions from FLYHT (AFIRS 228 and AFIRS Edge) to additionally drive efficiencies, safety and compliance across aircraft operations. This will cover from advanced flight tracking, given that most flights will be over water between Bermuda and destinations, to automated recordings and reporting of block and flight times, plus engine take-off and stable cruise reports for an engine trending program and engine and airframe exceedances for real-time FOQA. It will also address from auto collection of FOQA data and downloading post flight over 5G WQAR to power advanced flight data analysis tools, to supercharging EFB apps through A834 AID functionality, and charging EFB devices in-flight. Coral Jet will also show how the airline will use the flight data downloaded to drive an advanced Fuel Efficiency tool – FuelSense from FLYHT. **Wes Gardner,** Director of Flight Operations, Coral Jet	09:00-10:30 **Vendor Showcase:** **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. TRAX 2. Swiss-AS 3. ASQS 4. GE Digital 5. Orlando for Tech Pubs 6. M3 Solutions 7. EXSYN 8. QOCO 9. Rusada 10. Boeing 11. KeepFlying

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	✈ FLIGHT OPERATIONS IT TRACK – (Main Conference Room)	⚙ MRO / M&E IT TRACK – (Workshop / Showcase Room)
09:30-10:00	**Case Study – Cebu Pacific Air: Improving Crew Schedule Satisfaction and increasing Crew Productivity by introducing a Crew Roster Preferential Bidding System (PBS) and enabling greater Crew Influence in roster design.** In this case study Cebu Pacific Air, talk us through how the airline is targeting the joint goals of Improved Crew Satisfaction and Increased Crew Productivity at the same time, by using powerful optimisation software from IBS Software Solutions. You will see how The Airline measures Crew Schedule Satisfaction over various time periods and also the options that enable crew members to bid for a unique monthly work plan that fits their personal lifestyle. Seniority is not used in the bid awarding process. Cebu Pacific will show how each bid made by crew members has a value and how these values for all crew are equalised during production of the optimised monthly work schedule. High speed processing with a significant reduction in manual intervention means that Crew Schedules can be built closer to the effective roster period. Commercial adjustments can more easily be supported without the need for crew roster adjustment or operational risk. Crew satisfaction leading to improved crew retention will be critically important as airlines build back post pandemic. Cebu Pacific leads the low-cost airline industry in this pursuit. **Jonathan Carl Sims,** Senior Advisor Crew Scheduling, Cebu Pacific Air **Thierry Pfeiffer,** Vice President Airline Operations, IBS Software	
10:00-10:30	**Case Study – Zipair: Digital Transformation in the Cabin – Optimized Cabin Processes and Cabin IoTs** In this case study we hear from Zipair and their solution partner Collins about how to best digitalize aircraft cabin services and the impact on ancillary revenues, passenger satisfaction, product consistency, crew efficiency and even crew motivation. The platform allows the airline to continue the deep digital passenger engagement that starts on the ground to continue onboard the aircraft. The presenters will walk us through the digitizing of all cabin processes as well as real-time transactions for anything from credit card authorisations via frequent flyer transactions to updates to the merchandise inventory and cabin tech log. It will also outline the direct impact on sustainability through the reduction of printed material, unneccessarily transported merchandise and food waste. We will see the possibilities the systems AI offers to analyse passenger behaviour and the resulting inputs into recommendation engines or advertising engines that personalise the offer to the guest even more. Unlike its cousin the EFB, the eCB goes far beyond the mere digitization of existing paper processes. It is the digital platform to accommodate the cabin services evolution for years to come, especially the interaction and communication between passengers and the crew. **William Saito,** CTO, Zipair **Liyan Huang,** Product Line Manager, Collins Aerospace	
10:30-11:15	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**	

	✈ **FLIGHT OPERATIONS IT TRACK** – (Main Conference Room)	
11:15-11:45	**Case Study – Philippine Airlines: Using an Innovative Artificial Intelligence (AI) powered Fuel Efficiency Solution, with Pilot Apps** In this case study Philippine Airlines outline its use of Big Data technology, powered by AI to improve Flight Operations and especially its Fuel Efficiency performance, plus some internal actions set up to develop a fuel efficiency program throughout the company. As you will see the airline has also adopted an iPad App allowing pilots to analyse their own fuel efficiency performance, enhancing pilot engagement in the different fuel saving initiatives. **Capt. Leo Ezquiel R. Bernabe,** VP Flight Operations, Philippine Airlines	**11:15-12:15 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:** 12. Seabury Solutions 18. flydocs 13. Vistair 19. Aerostrat 14. IFS 20. OpenAirlines 15. Comply365 21. EmpowerMX 16. Ramco 22. Lufthansa Systems 17. Ultramain
11:45-12:15	**Case Study – Thai Smile Airways: Using Innovative Software to manage the Safety and Quality Management Process** In this case study, Thai Smile Airways outline its use of the IQMS solution from ASQS to manage the airline's entire safety and quality management data and processes. As you will see, the solution integrates all safety, quality, risk management and documentation data into one system and provides Thai Smile Airways with key functionality such as Compliance Monitoring, customized reporting, risk management and more. **Kasemson Boriboonsomsin,** Manager Aviation Safety, Thai Smile Airways	
12:15-12:45	**Case Study – Siam Seaplane: The Importance of Digitization — Starting as a Digital Leader and making Thailand accessible through Seaplanes** When Siam Seaplane first established its company, the plan was to be innovative and digital from the start to ensure safe and efficient operations and a seamless customer journey. Learn, together with a pioneer premium business, how online documentation lifted their services and optimized their resources while taking their vision and turning it into an operation. The deployment of digital systems from the beginning has given Siam Seaplane some of the needed tools to bring a truly premium service to Thailand. **Dennis Keller,** Chief Business Officer, Siam Seaplane	**Emil Ahlgren,** Director of Operations, Web Manuals	
12:45-14:00	**LUNCH BREAK– SOFTWARE DEMONSTRATIONS (Exhibition Hall).**	
14:00-14:30	**Case Study – Air Work Holdings: Using Innovative Software Tools to manage Operations Control and Flight Planning** In this case study a mixed fleet operator in New Zealand outlines its use of sophisticated digital tools from NAVBLUE used to manage all aspects of network scheduling, operations Control, crew planning, crew management, and day-of-ops crew scheduling in a single system, as well as an advanced flight planning system. You will see how the solutions have allowed the airline to digitize and automate previously labor-intensive tasks across the airline's daily flight operations, as well as enhancing live visibility of both crew and fleet. Increases in efficiency and turn-around times are discussed, as well as what's next for the airline. **Mike Truman,** Network Manager, Airwork Holdings	

	✈ **FLIGHT OPERATIONS IT TRACK** – (Main Conference Room)
14:30-15:00	**Introduction to AirAsia Consulting & Case Study. Fuel Savings Efficiency & Compliance Programme and Predictive Analytics to Drive Flight Efficiencies** In this case study, AirAsia Consulting gives some insights on how sharing its own experience with other airlines will help them to reach more efficient and sustainable operations. AirAsia in particular outlines its use of a sophisticated solution that utilizes predictive analytics in the Climb-out phase. As you will see the solution predicts fuel burn for tens of thousands of possible flight scenarios using performance models based on historical flight data and 4D weather forecasts, and then issues recommended climb speeds to pilots ahead of each flight to save significant amounts of fuel and reduce emissions. **Capt. Rajesh Gill,** Head of Global Development and Efficiency, AirAsia
15:00-15:30	**REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS (Exhibition Hall)**
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!**
15:30-16:00	**Case Study: MYAirline – Operational Content Management From the Ground Up – Building the Right Foundations for Success** Preparing to launch an airline is challenging, especially during disrupted times. The planning of a successful, safe, and sustainable operation requires building the right foundations; and content management is one of those key pillars. In this study case, MYAirline – Malaysia's newest LCC airline – brings a startup's perspective on how they implemented a document management system to set themselves on the right path: • producing manuals to secure their Air Service License (ASL) and Air Operator's Certificate (AOC) • tracing content to IATA Operational Safety Audit (IOSA) and Civil Aviation Authority Malaysia (CAAM) regulations • ensuring that frontline staff adhere to MYAirline's culture of operational safety, efficiency and reliability. **Capt. Dharmaraj Naiker,** Director of Flight Operations, MYAirline **Capt. Kuhan Ananthavadivel,** Head of Safety and Quality, MYAirline
16:00-16:30	**Electronic Technical Logbook (ETL / ELB): Business Benefits, Gaining Regulatory Approval, Real-Time Flight Deck & Maintenance Data Integration** An Electronic Technical Logbook (ETL / ELB) is seen as a crucial piece for an airline's digital transformation program – the digital link between flight operations and maintenance. With more and more airlines implementing ETL / ELB solutions, Conduce draws upon its experience of multiple projects to outline the clear business benefits of operating an ETL / ELB solution. The presentation also focuses on the key issue of how to gain regulatory approval and also takes a look at some of the advanced features available now for an evolving ETL / ELB including real-time flight deck and maintenance data integration. **Paul Boyd,** Managing Director, Conduce
16:30	**END OF CONFERENCE**

AIRCRAFT COMMERCE 2022

AIRLINE & AEROSPACE MRO & OPERATIONS IT CONFERENCE APAC

19th & 20th October 2022
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REGISTRATION

I wish to register: ☐ at the rate of USD $ 1065.00 per delegate
(Number of delegates)

TOTAL $USD ☐

HOTEL INFO

IMPORTANT UPDATE ON HOTEL INFORMATION:
You can see details on the venue/hotel and how to book rooms at
Click here for dextails

Pre-conference

FREE Pre-conference Workshop The pre-conference training workshop session takes place on the **18th October 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

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

DELEGATE 2 Company: .... Name: ....
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CARBON NEUTRAL EVENT

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 APAC 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

"It's very productive with all the vendors at a single event"

Singapore Airlines

"It's very productive with all the vendors at a single event"

Tunisair

"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 Virgin Atlantic Airways