WEDNESDAY 16TH OCTOBER 2024

08:00-08:55	REGISTRATION, BREAKFAST, SOFTWARE DEMOS			
08:55-09:00	Chairman's opening remarks			
	* MRO / M&E IT TRACK		FLIGHT OPERATIONS IT TRACK	
09:00-09:30	CASE STUDY: SIA Engineering Company - Digital Transformation to enhance Maintenance Operations In this case study, SIA Engineering Company outlines its digital transformation program for its maintenance operations. You will see how the MRO is replacing in-efficient paper-based processes and legacy maintenance systems with modern cloud-based and mobile software solutions. SIAEC has adopted a tailored approach to digitalizing its various business segments, ensuring that solutions best fit the unique requirements of each business unit. For its base maintenance, SIAEC has implemented Trax solutions with several key customisations. Recognizing the dynamic nature of Line Maintenance, SIAEC has developed a unified suite of in-house apps designed to meet the specific needs of its Line Maintenance operations. You will also learn about several pilot initiatives which SIAEC has embarked on to investigate how AI can provide operational decision support and reduce mundane tasks through optimization and machine learning. By integrating AI into its maintenance processes, SIAEC aims to make more informed decisions, predict maintenance needs more accurately and automate routine tasks, thereby freeing up staff for more complex and value-added activities; and enhancing service delivery for Singapore Airlines and other customers.	09:00-10:00	Vendor Showcase: Fuel Efficiency and Sustainable Aviation Solutions Your chance to quickly find out about the industry leading solutions designed to assist airlines with achieving their sustainability goals: including end-to-end Fuel Efficiency / Management Solutions, Real-Time Pilot Apps such as Flight Profile, In-Flight Predictive Analytics and Pilot Advice Apps, more. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, and 2024/25 outlook. Vendors presenting: 1. FLYHT 2. Signol 3. SAFRAN 4. aFuel 5. OpenAirlines 6. StorkJet 7. Honeywell 8. PACE	
	David So Man Fung, Senior Vice President - Corporate Planning & Continuous Improvement, SIA Engineering Company			





	MRO / M&E IT TRACK						
09:30-10:00	CASE STUDY: Vietjet Air - Spearheading the Digital Transformation with a Technical Logbook (eTLB) Solution	10:00-10:30	Vendor Showcase: Digital Flight Operations Manuals and Content Solutions				
	Vietjet Air is a leading low-cost airline in Vietnam. In this case study, the airline presents on the transformative impact of AVIATAR's Technical Logbook on its operations. Vietjet will outline the benefits of using the AVIATAR eTLB and emphasizes the importance of digitalizing the paper logbook process to enhance safety, compliance, and aircraft maintenance. Key features of the AVIATAR eTLB will also be shared in demonstrating how Vietjet Air have optimized their operations and ensure the highest level of aircraft reliability. Overall, the presentation will demonstrate Vietjet Air's commitment to embracing innovative technologies to enhance their aircraft maintenance processes and improve overall operational efficiency. Capt. Lorenzo Pecellin Fernandez, Chief Pilot, Vietjet Air; and Dajana Kunz, Product Lead eTLB and MPO AVIATAR, Lufthansa Technik		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, and 2024/25 outlook. Vendors presenting: 1. Yonder 2. Web Manuals 3. Comply365 4. Orlando Suite for TechPubs				
10:00-10:30	CASE STUDY: Cebu Pacific - Scaling New Heights: Revolutionizing Cebu Pacific's Engineering & Maintenance Operations with IT Excellence In this presentation, Cebu Pacific explore how they are leveraging paperless operations utilizing flydocs solutions as well as M&E and next-generation AI with AMOS to integrate 152 new aircraft efficiently, as well as new employees. This case study will highlight the strategies and benefits of adopting advanced digital solutions to streamline complex operational						
	processes. Princess Araceli Mae Sarapanan, System Application Analyst, Cebu Pacific Air; and Reeda Elicanal, Technical Records Supervisor, Cebu Pacific Air						
10:30-11:15	REFRESHMENT BREAK AND SOFTWARE DEMOS (BALLROOM 1,2 & 3)						





	MRO / M&E IT TRACK		★ FLIGHT OPERATIONS IT TRACK
11:15-12:45	Vendor Showcase: M&E / MRO 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, big-data analytics, predictive maintenance, M&E 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, and 2024/25 outlook. Vendors presenting: 1. TRAX 2. Ultramain 3. Ramco Systems 4. Asia Digital Engineering (ADE) 5. IFS 6. Aerostrat 7. M3 Solutions 8. Comply365 9. Airbus 10. Swiss AviationSoftware 11. Lufthansa Technik 12. flydocs	11:15-11:45	CASE STUDY: Japan Airlines - From trial to operational solution. Utilizing a real-time turbulence App with reporting, notifications and AI powered short-term turbulence predictions In this presentation, Japan Airlines outlines its use of SkyPath, the innovative and unique real-time turbulence analysis, alerting, and reporting App. The journey will cover the initial trial period, through to operational solution with an outline of implementation, and the operational benefits the airline is receiving now the solution is live in the flight deck. As you will see the solution provides standalone apps to pilots, dispatch, and management, providing real-time en-route, graphically visualized turbulence reports, as well as PIREPs, and vocal and text alerts warning of Turbulence ahead. You will also learn about a new feature powered by AI / ML providing a predictive model utilizing real-time turbulence observations and meteorological parameters to predict short-term turbulence, for up to 6 hours, with a detection rate of more than 90%. Ametani Hideaki, 787 FO, Japan Airlines; and Hagay Makoy, VP Business Development, SkyPath
		11:45-12:15	CASE STUDY: Cathay Pacific - Implementing a Digital Fueling Process to Optimize Global Airline Operations In this Presentation Cathay Pacific, in collaboration with ID1, presents a case study on the implementation, operational usage, and expansion of the digital fueling process facilitated by the software service aFuel. This presentation dives into the transformative potential of a digital fueling system backed by a robust data exchange platform. As you will see, the primary focus is on Cathay Pacific enhancing and streamlining the fueling process across the entire network of airlines worldwide. The presenters will provide a thorough exploration of this topic from the perspectives of both the IT provider and the airline. Together, they will take you through the journey of designing a state-of-the-art digital fueling process at Cathay Pacific. They will share the challenges faced and the solutions developed during this collaborative effort, highlighting the significant benefits realized, including optimizing turnarounds through real-time communication and electronic ticket exchange. Furthermore, the case study will illuminate the downstream benefits, such as streamlined invoicing and accurate emission reporting, plus allowing Cathay to receive real-time data allowing for full visibility and detailed fueling process analysis and reducing the airline's carbon footprint through eliminating paper. James Toye, Head of Line Operations, Cathay Pacific Airways; and Robin Weissgerber, Product Strategist aFuel, Information Design One AG





	MRO / M&E IT TRACK		
11:15-12:45	Vendor Showcase: M&E / MRO IT Vendor Showcase - Part 1 Continues	12:15-12:45	CASE STUDY: Philippines Airlines - How a Multi-Modal Solution Supports PAL Fuel Efficiency Strategy During this presentation, Philippine Airlines will highlight how the combination of several components of its comprehensive fuel efficiency solution (SkyBreathe® 360° eco-flying platform) allows the airline to engage the different teams, from the analysts to the pilots, to fulfill its ambitious fuel efficiency strategy. The airline will also share its progress and experience along the path to efficiency and how a close collaboration is key to go the extra miles. Capt. Leo Ezquiel Reyes Bernabe, VP- Flight Operations Department, Philippine Airline
12:45-14:00	LUNCH BREAK AND SOFTWARE DEMOS (BALLROOM 1,2 & 3)		
14:00-15:30	Vendor Showcase: M&E / MRO IT Vendor Showcase Session - 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, big-data analytics, predictive maintenance, M&E 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, and 2024/25 outlook. Vendors presenting: 13. EmpowerMX 14. FLYHT 15. Trustflight 16. OASES 17. Veryon 18. EXSYN 19. Seabury Solutions 20. OMEGA 21. OpenAirlines 22. Orlando Suite for TechPubs	14:00-14:30	CASE STUDY: Pelita Air - Integrated Operations Systems for a Fully Digital Operations Control Centre (OCC) and Flight Operations In 2023, PT Pelita Air Service selected NAVBLUE to establish a fully digital Operations Control Centre (OCC) and Flight Operations. This suite of solutions selected and implemented includes Mission+, Flysmart+, N-Flight Planning, N-Tracking, Navigation+, Airport Obstacle DataBase (AODB) and Performance Factor Optimizer (PFO). In this Case Study, PT Pelita Air Service outlines how the airline benefits from these integrated solutions and expertise, optimizing all flight operation-related events from the beginning to the end of each flight. With the launch of this Digital OCC & Flight Operations project, PT Pelita Air Service manages to enhance operational efficiency by creating accurate, efficient and automated processes that integrate into the operational systems. Capt. Bambang Tarunaning Prang, Vice President Operation Regular, PT Pelita Air Service; and Tegar Pamungkas, Assistant Manager Manual & Documentation, PT Pelita Air Service





	MRO / M&E IT TRACK		★ FLIGHT OPERATIONS IT TRACK
14:30-15:30	Vendor Showcase: M&E / MRO IT Vendor Showcase Session - Part 2 Continues	14:30-15:00	CASE STUDY: IndiGo - Digital Cockpit Revolution: Pioneering Safety, Efficiency, and Sustainability with Evolving EFB / EFF Platform IndiGo began its cockpit digital transformation journey in 2020 with the goal
			of enhancing safety and operational efficiency. The journey began with a shift from aircraft based EFB's to Pilot based EFB's. The latest milestone, in early 2024, is the launch of the iPad based Electronic Flight Folder (EFF), from Aviobook, which has made IndiGo the first airline in India to receive DGCA approval for use of this technology. As you will see Developed by pilots and backed by Thales, the Aviobook solution integrates extensive user-driven functionalities, significantly reducing paperwork, enhancing situational awareness, and supports IndiGo's sustainability goals. In the presentation Capt. Mohan will cover the evolution of the airline's digital journey, the challenges they overcame and how Aviobook revolutionizes pre-flight preparations, streamlines communication, and improves decision-making, setting new benchmarks in the aviation industry. The presentation will conclude with a look at the future, with IndiGo's continued focus on digitization aims to further enhance operational efficiency and sustainability, positioning the airline as a trendsetter in the aviation industry. Future initiatives, including the digitization of additional processes and the integration of advanced analytics, will drive innovation and set new standards for excellence in airline operations. Capt. Akshay Mohan, Vice President - Policies & Projects Flight Operations, IndiGo
		15:00-15:30	CASE STUDY: Alliance Airlines - Enhancing Flight Operations in Australia with a Custom Performance Solution
			Alliance Airlines, operating in Australia with a fleet of Fokker 70s and 100s, faces unique challenges in its flight operations. Accurate takeoff, dispatch landing, and inflight landing calculations are crucial for ensuring safety and efficiency. In this case study, Alliance will demonstrate how the airline has partnered with DynamicSource to implement a fully tailored performance solution. This innovative solution incorporates custom calculations based on algorithms that merge first principle calculations from the Fokkers SCAP with second principle calculations derived from QRH performance tables. You will see how this solution allows for automatic calculation of custom performance tailored to Alliance's specific needs.
			Vysakh Mangalath, Flight Operations Engineer, Alliance Airlines





	MRO / M&E IT TRACK		≭ FLIGHT OPERATIONS IT TRACK
16:15-16:45	New Technologies Keynote: Artificial Intelligence (AI) in Aircraft Maintenance Artificial Intelligence is set to revolutionize the way maintenance operations are conducted, tapping into and extracting value from the vast streams of aviation data generated each day worldwide. With new technologies (Generative AI, Machine Learning, Predictive Analytics, etc.), and solutions continuously coming to market, it is often difficult for airlines and MROs to keep track of the business benefits for aviation. In this presentation ICF provides an analysis of the market: what technology and solutions are available? How are airlines and MROs benefitting from using these solutions? How to make the best possible use and ensure quick ROI? Allan Bachan, Vice President, ICF	16:15-17:45	Vendor Showcase: EFB and Flight Operations Solutions - Part 1 Your chance to quickly find out about the industry-leading Flight Ops and EF Solutions, such as Flight Planning, Flight Ops Management, Communications Connectivity, Performance, and more; and EFB Software, Hardware and Rea Time Flight Deck Apps. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, and 2024/25 outlook. Vendors presenting: 1. SkyPath 2. Aviobook 3. PIVOT
16:45-17:30	Panel Discussion: Challenges facing airlines and MROs with their maintenance digital transformation projects and how to overcome them The transition towards digital and mobile solutions has been one of the most significant developments in aviation maintenance in recent years. In order to increase efficiency, and streamline maintenance procedures, airlines and MROs are progressively implementing digital solutions and mobile apps. With the emergence of new technologies such as AI / ML and other solutions, these advancements are expected to drive further efficiency gains. However, inevitably digitizing highly complex and heavily regulated processes brings challenges, with Industry studies show that over 70% of digital transformation projects fail. This panel discussion will explore what are the key contributors to this failure and how they can be mitigated. Topics discussed include: how to gain the most benefits from in-situ software solutions and Apps with survey data suggesting most systems are only 50% adopted. Why do the panel think this is occurring and can 80%+ of available functionality of any system be truly adopted? Business processes enablement with technology is reported to be between 40-60% at most airlines and MROs, where manual, paper based, or other legacy methods are still in place. Can any key business processes be 100% fully enabled with technology - especially in the era of Machine Learning and Artificial Intelligence? Panel Chairman: Allan Bachan, Vice President, ICF; Panelists: David So Man Fung, Senior Vice President - Transformation & Technology, SIA Engineering Company; Ramkumar Mohan, CIO, Air Works, India		 4. Air Support 5. International Flight Support 6. Flygprestanda 7. GE Aerospace 8. Collins Aerospace 9. Taillog EFB Systems 10. Blue One 11. Synapse Aviation
17:45-19:30	COCKTAIL RECEPTION AND SOFTWARE DEMOS Sponsored by	pace	





THURSDAY 17TH OCTOBER 2024

08:00-08:55	REGISTRATION, BREAKFAST, SOFTWARE DEMOS		
08:55-09:00	Chairman's opening remarks		
	MRO / M&E IT TRACK		
09:00-09:30	CASE STUDY: TAG Aviation - Utilizing an Electronic Tech Log (ETL/ELB) to increase Sustainability and Operational Efficiency In this presentation you will learn how TAG Aviation removed costly, outdated paper-based processes and procedures to utilize an Electronic Log Book solution (ETL/ELB). In addition, you will see how the solution provides a real-time operational management tool to manage its companywide flight operations and maintenance activities while improving sustainability. During the presentation you will learn: 1. The transformation obtained by management integration with the ETL/ELB to achieve improved operational efficiencies between flight operations and maintenance departments. 2. The streamlining of process from all departments' activities being driven by a single source of truth, and real-time data, providing fleet M&E status analysis. 3. Unifying real-time communications between flight operations and maintenance departments for faster turnarounds and reduced error rate. Phil Balmer, Director Maintenance, TAG Aviation	09:00-10:30	Vendor Showcase: EFB and Flight Operations Solutions - Part 2 Your chance to quickly find out about the industry-leading Flight Ops and EFB Solutions, such as Flight Planning, Flight Ops Management, Communications, Connectivity, Performance, and more; and EFB Software, Hardware and Real-Time Flight Deck Apps. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, and 2024/25 outlook. Vendors presenting: 12. NAVBLUE 13. Avionics Support Group 14. OffBlock 15. The Weather Company 16. Smart4Aviation 17. NABLA Mobility 18. Flightkeys 19. IBS Software
09:30-10:00	CASE STUDY: AirAsia - Using a new Daily Aircraft Status Report Tool to monitor and manage daily aircraft maintenance status Timely monitoring and analysis of fleet health presents operators with a huge advantage in ensuring smooth operation. In this presentation, AirAsia explains how it has adopted a new solution from MRO arm Asia Digital Engineering designed to reduce aircraft downtime with real-time fleet condition monitoring. In particular, the presentation will focus on the new module: Daily Aircraft Status Report (DASR). As you will see DASR plays a crucial role for AirAsia in monitoring and managing aircraft's daily status. Providing maintenance and operational teams with immediate aircraft status updates, a centralised data repository that simplifies access and allows for trend analysis, enhanced precision in reporting and monitoring of DDMLs via systems upgrades and strengthens communication between the airline's maintenance team and operation control team. Mohd Solleh Mustafar, Engineer Maintenance Operation Control, AirAsia; Mahendran Doriasamy, Engineering Transformation Manager, Asia Digital Engineering		20. DynamicSource 21. Logipad 22. Bytron 23. FLYHT 24. Lufthansa Systems





	MRO / M&E IT TRACK		★ FLIGHT OPERATIONS IT TRACK
10:00-10:30	CASE STUDY: China Aircraft Services Limited (CASL) - A Leap to a Digital, Data-Driven, and Paperless MRO	09:00-10:30	Vendor Showcase: EFB and Flight Operations Solutions - Part 2
	CASL has embarked on a transformation journey to digitize its maintenance operations. By adopting EmpowerMX in 2023, CASL has leveraged the platform's digital solutions to harness data effectively. This focus on data-driven decision-making along with the transition into a paperless MRO have streamlined processes and improved efficiencies in planning, maintenance control, logistics, and supply chain management. Discover how CASL's digital roadmap is shaping the future of MRO operations.		Continues
	Khaled Fhmmawy, Planning and Technical Services Manager, China Aircraft Services Limited		
10:30-11:15	REFRESHMENT BREAK AND SOFTWARE DEMOS (BALLROOM 1,2 & 3)		
11:15-12:05	Electronic Technical Logbook (ETL/ELB) Solutions Your chance to quickly find out about the industry's leading Electronic Technical Logbook (ETL / ELB) and accompanying Cabin and M&E Apps. Each Vendor will provide a brief 7-minute showcase of their solutions including: product overview, new customers, latest developments, and 2024/25 outlook. Vendors presenting: 1. Conduce 2. TRAX 3. Ultramain 4. TrustFlight 5. Swiss AviationSoftware 6. Lufthansa Technik	11:15-11:45	CASE STUDY: SpiceJet - Driving growth: SpiceJet's Journey with Innovative Flight Operations Technology Solutions SpiceJet is undergoing a major phase of growth and modernization. In this case study, SpiceJet shares how advanced flight operations and management solutions are playing a pivotal role in streamlining their processes, enhancing efficiency, and supporting the airline's ambitious expansion plans. Sunil Prasad, VP Flight Dispatch (Pax & Cargo), SpiceJet





	MRO / M&E IT TRACK		
11:10-12:05	Electronic Technical Logbook (ETL/ELB) Solutions Continues	11:45-12:15	CASE STUDY: Silk Way West Airlines - Electronic Flight Bag (EFB) Solution to Enhance Operational Efficiency and Contribute to a more Sustainable Future In early 2024, Silk Way West Airlines, the leading cargo airline in the Caspian and Central Asian region, announced its decision to implement Logipad, an Electronic Flight Bag (EFB) App and digital flight process automation and optimization solution designed to make flight management simple. This implementation aligns with the airlines sustainability strategy and goals facilitating a shift towards digital documentation and communication and reducing the reliance on traditional paper-based processes. The presentation focuses on the selection process, as well as the implementation and integration of the Logipad EFB and EFF solutions. Now that the solution is live, Silk Way West will highlight the efficiency gains using digital processes to manage each flight, including how Flight Ops / dispatch seamlessly maintains and updates briefing packages, key documents, manuals, data charts and Apps on all EFB devices, and more. Zahid Sultan-Khan, Chief Pilot, Silk Way West Airlines
	LUNCH BREAK AND SOFTWARE DEMOS (BALLROOM 1,2 & 3)	12:15-12:45	CASE STUDY: Lao Airlines - Streamlining systems integration, automating processes and data collection for efficient flight operations reporting and forecasting In this case study Lao Airlines outlines its use of an aircraft and crew management platform providing end-to-end control from long-term planning to day of operations. As you will see the platform, Blue One Cloud, was deployed in 2015 and provides the airline with transparency companywide thanks to automated processes and data collection, providing reporting and forecasting for key items such as budgeting, fuel efficiency, and CO ₂ emissions filing. Phengvilay Thipphavong, Manager of Crew Rostering, Lao Airlines; Kaisone Oulaiseng, ATR72 Captain, Internal Application and BI Developer, Lao Airlines; Anousith Phanthavong, Manager Flight Operation Engineering and Fuel Monitoring, Lao Airlines





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14:00-14:30	CASE STUDY: Norse Atlantic Airways - Utilizing a cutting-edge Aircraft Maintenance Data Management Platform, to streamline processes and enhance data-driven decision-making				
	In January 2024, Norse Atlantic Airways announced its intention to onboard the advanced aircraft maintenance data analytics and reporting tool, AVILYTICS from EXSYN. This presentation covers the project from implementation through to go-live and early operational results and benefits. You will learn about the challenges of data integration, not just with Norse's existing Aircraft Maintenance and Engineering System, AMOS, but also with various previously non-connected disparate systems, ensuring that Norse can leverage a unified view of its fleet's data landscape. As you will see this integration not only simplifies data management but also adds to the accuracy and efficiency of Norse's maintenance & engineering processes. Now that the solution is live, you will see early results using pre-built dashboards providing comprehensive insights into aircraft health (including predictive maintenance analytics), maintenance efficiency, and operational readiness. You will also see how Norse are able to create custom dashboards and reports tailored to specific operational needs. The presentation will be delivered by Norse's Data Partner EXSYN and include a video introduction and outline from Norse management. Sander de Bree, Founder and CEO, EXSYN Aviation Solutions				
14:30-15:00	CASE STUDY: Air Works India - Cybersecurity in MRO: Safeguarding Critical Aviation Systems in the Digital Age				
	As MROs adopt more digital technologies, cybersecurity becomes a critical concern. During this presentation Ramkumar will Discuss strategies to secure IT and operational technologies (OT) in the aviation sector. The key points will cover: the growing threat of cyberattacks on aviation systems, key cybersecurity measures for MRO operations (e.g., zero-trust architecture, endpoint security, and threat detection), and ensuring data integrity for maintenance records and compliance.				
	Ramkumar Mohan, CIO, Air Works, India				
15:00-15:30	Join us in this presentation to explore how the evolution of EFB technology is redefining flight ops beyond the traditional practices. Attendees will learn how modern EFB solutions challenge the status-quo by offering customizable and integrated platforms tailored to airline needs. This session will highlight the benefits of real-time adaptability and seamless integration, setting a new standard for optimizing operations and enhancing performance. Participants will gain practical strategies for leveraging EFB technology in flight ops and see real examples from airlines demonstrating these in action. Alex Ribin, CEO, International Flight Support				
15:30-16:00	REFRESHMENT BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)				
Amazon	Business cards will be collected at the beginning of this session.				
Voucher	The prize draw will be made at the end of the second presentation.				
Session	You have to be in the room to win a US \$ 300.00 Amazon voucher - Good luck!				
16:00-16:10	CLOSING REMARKS AND US \$ 300.00 AMAZON VOUCHER PRIZE DRAW				
	Join us for the Conference closing remarks, and your chance to win a US \$ 300.00 Amazon Voucher in our prize draw.				
	Business cards will be collected at the beginning of this session. The prize draw will be made at the end of the Chairman's closing remarks.				
	You have to be in the room to win the US \$ 300.00 Amazon voucher - Good luck! Chairman				
	US \$ 300.00 Amazon voucher Prize Draw				
16:10	END OF CONFERENCE				



