


# AGENDA



Icons explained:  Flight Operations IT track



 MRO / M&E IT track

 Prize Draw Session - win US \$ 300.00 Amazon voucher

## MONDAY 9TH SEPTEMBER 2024

14:00-17:30	THE PRE-EVENT WORKSHOP Revolutionizing M&E and MRO Process Creation and Improvement with Generative AI
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## TUESDAY 10TH SEPTEMBER 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	<p><b>CASE STUDY: UrbanLink Air Mobility - Establishing the industry's first airline / air-taxi utilizing eVTOL aircraft</b></p> <p>UrbanLink is currently positioned to be the first provider of all electric zero emission advanced air mobility (AAM) solutions and is poised to make history as the first airline in the U.S. to integrate electric vertical takeoff and landing (eVTOL) aircraft into its fleet, after placing a firm order for 20 Lilium Jet aircraft with an option for a further 20. In this presentation UrbanLink Air Mobility founder, Ed Wegel, talks us through this potential watershed moment in aviation, outlining the business model, aircraft technology, challenges (including regulatory approval), traditional airline integrations, IT infrastructure, future plans, and more.</p> <p><b>Ed Wegel, Founder and Chairman, UrbanLink Air Mobility</b></p>	<p>09:00-10:00</p> <p><b>Vendor Showcase: Fuel Efficiency and Sustainable Aviation Solutions</b></p> <p>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..</p> <p>Vendors presenting:</p> <ol style="list-style-type: none"> <li>1. StorkJet</li> <li>2. Signol</li> <li>3. SITA</li> <li>4. FLYHT</li> <li>5. Honeywell</li> <li>6. Safran</li> <li>7. OpenAirlines</li> <li>8. AVTECH</li> </ol>

# AGENDA

	⚙️ MRO / M&E IT TRACK		✈️ FLIGHT OPERATIONS IT TRACK
09:30-10:00	<p><b>CASE STUDY: Atlas Air - Digitally Enabling Configuration Management within the MRO Software System</b></p> <p>Atlas Air identified a persistent challenge maintaining aircraft configuration data within their MRO software system relative to Original Equipment Manufacturer (OEM) IPC (Illustrated Parts Catalog) data as well as other supplemental parts configuration data. This presentation outlines the project in which Tsunami Tsolutions was contracted to assist Atlas Air in developing a methodology to ingest the various OEM parts data, regardless of source format, along with Atlas Engineering information, to create a master Allowable Configuration that could be compared with the MRO software system. As you will see a tool was created by Tsunami Tsolutions to provide a visual dashboard to allow Atlas Air Configuration Engineering to review and validate potential differences including identification of acceptable differences based on the complexities of interchangeability rules. This methodology and tool are allowing Atlas Air to quickly identify and document differences, improve clarity and accuracy within its MRO software system, and avoid misconfiguration of aircraft.</p> <p><b>Dr. John Devlin, Senior Configuration Control Engineer, Atlas Air</b></p>	10:00-10:30	<p><b>Vendor Showcase: Digital Flight Operations Manuals and Content Solutions</b></p> <p>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.</p> <p>Vendors presenting:</p> <ol style="list-style-type: none"> <li>1. Orlando Suite for TechPubs</li> <li>2. Web Manuals</li> <li>3. Comply365</li> <li>4. Yonder</li> </ol>
10:00-10:30	<p><b>CASE STUDY: Avianca - The successful Migration of Aircraft Maintenance Software, from an On-Premises Setup to a Cloud-Based Solution hosted on Google Cloud</b></p> <p>This Case Study focuses on Avianca's successful migration of AMOS, its aircraft maintenance software, from an on-premises setup to a cloud-based solution hosted on Google Cloud by Swiss AviationSoftware. As you will see, this transition signifies a pivotal moment in Avianca's digital transformation journey, showcasing the strategic move towards cloud technology for enhanced scalability, cost-effectiveness, and operational agility.</p> <p><b>Julian Rivera, Specialist Application Technology, Avianca; and Fabiano de Barros, Team Leader Cloud Engineering, Swiss AviationSoftware</b></p>		
10:30-11:15	<b>REFRESHMENT BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)</b>		

# AGENDA

	 MRO / M&E IT TRACK		 FLIGHT OPERATIONS IT TRACK
11:15-12:45	<b>Vendor Showcase: M&amp;E / MRO IT Vendor Showcase - Part 1</b> 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. QOCO Systems 2. Boeing 3. Ultramain Systems 4. TRAX 5. GAMIT 6. Aerostrat 7. IFS 8. Ramco Systems 9. M3 Solutions 10. flydocs 11. Lufthansa Technik 12. Swiss AviationSoftware	11:15-11:45	<b>CASE STUDY: Aerolineas Argentinas - Five years of centralised digital EFB operations - the operational efficiency benefits, lessons learned, and what's next</b> ust prior to COVID in 2019, Aeolineas Argentinas undertook an ambitious project to digitize their flight operations. As one of the first airlines in South America to take the leap forward they have been a trailblazer in the region testing out the different ways that a digital EFF can streamline flight preparation. Ulises Raymond has followed the project from the very beginning and provides an overview of their current digital cockpit, which includes AvioBook Flight, the challenges they have faced and the impact the digital cockpit has had. As an early adopter, Aeolineas Argentinas faced challenges both in getting regulatory approval for digital solutions and in ensuring pilot adoption of the new product. Through concrete examples taken from the last 5 years, Ulises provides his insights into how a centralised approach to digital flight operations has ensured that the entire airline can reap the benefits and improve overall operational efficiency. In the dynamic current context that Aeolineas Argentinas is facing, they are looking towards the future to see how to utilize technology for even greater improvements. <b>Ulises Raymundi, Captain and EFB Technical Pilot, Aerolineas Argentinas</b>
		11:45-12:15	<b>CASE STUDY: Azul Linhas Aereas - Leveraging Predictive Analytics to Drive Flight Efficiencies and Fuel Savings during Climb-Out</b> In October 2023 Azul Linhas Aereas implemented SITA OptiFlight®, a machine-learning powered solution drawing upon tail-specific performance models, fed with 4D weather forecasts and operational flight plans to predict fuel-burn scenarios and provide pilots with customized climb schedules for each flight. For Azul, this translates to an average annual fuel saving of 5% during climb-out on each flight. The presentation will outline how the solution is performing, showcase operational achievements, and tackle what's next for Azul and its fuel and efficiency optimization project. <b>Caio Rosante Garcia, Flight Operations Engineering and Fuel Efficiency Manager, Azul Linhas Aereas</b>




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	⚙️ MRO / M&E IT TRACK		✈️ FLIGHT OPERATIONS IT TRACK														
11:15-12:45	<b>Vendor Showcase: M&amp;E / MRO IT Vendor Showcase - Part 1</b>  Continues...	12:15-12:45	<b>CASE STUDY: Southwest Airlines - Utilizing a 5D Flight planning and Flight Management Solution for automated cost driven route optimization</b>  In 2024 Southwest Airlines implemented an advanced 5D Flight Planning and Flight Management Solution: FLIGHTKEYS 5D. The solution, powered by Machine Learning, plans the most cost-optimal routes for Southwest taking into consideration restrictions from ATC, military, weather (including wind and temperature at altitude), over-flight charges, and much more. In this case study, Southwest will showcase how they use the solution to optimize flight efficiency including in-flight trajectory management, based on the weight of the aircraft combined with wind and temperature conditions, and also sustainability tools, such as contrail avoidance. You will learn about the cost benefits, the journey of deploying the new solution, and what is next to optimize flight operations.  <b>Jennifer Paine, Managing Director - Aircraft Ops Technology, Southwest Airlines</b>														
<b>12:45-14:00 LUNCH BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)</b>																	
14:00-14:30	<b>New Technologies Keynote: AI in Aviation - Cutting through the Fog</b>  The aviation industry continues to embrace the transformative power of Artificial Intelligence (AI) to tap into, and extract value from the vast streams of data generated each day worldwide. With new technologies (Generative AI, Multi Agent AI, Machine Learnings, etc.), and solutions for the flight deck, air traffic control, and hangar, continuously coming to market, it is often difficult to keep track of the real customer and business benefits for aviation. In this presentation Capgemini cuts through the fog to define the various types of Artificial Intelligence (AI), taking a look at historical, current and future use cases, as well as what regulatory implications and challenges exist. Finally, how companies are getting started using these powerful tools will be discussed.  <b>Michael Denis, Senior Director - Intelligent Aftersales &amp; Services, Capgemini</b>	14:00-15:30	<b>Vendor Showcase: EFB and Flight Operations Solutions - Part 1</b>  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: <table style="width: 100%; border: none;"> <tr> <td>1. Boeing</td> <td>8. International Flight Support</td> </tr> <tr> <td>2. SkyPath</td> <td>9. Flightkeys</td> </tr> <tr> <td>3. AvioBook</td> <td>10. ACFT PERFO</td> </tr> <tr> <td>4. SITA</td> <td>11. eTT Aviation</td> </tr> <tr> <td>5. Flygrestanda</td> <td>12. NAVBLUE</td> </tr> <tr> <td>6. PIVOT</td> <td>13. Dextradata</td> </tr> <tr> <td>7. Smart4Aviation</td> <td></td> </tr> </table>	1. Boeing	8. International Flight Support	2. SkyPath	9. Flightkeys	3. AvioBook	10. ACFT PERFO	4. SITA	11. eTT Aviation	5. Flygrestanda	12. NAVBLUE	6. PIVOT	13. Dextradata	7. Smart4Aviation	
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	⚙️ MRO / M&E IT TRACK		✈️ FLIGHT OPERATIONS IT TRACK
14:30-15:00	<p><b>CASE STUDY: Lynden Air Cargo - TechOps Business Integration using AI tools, and full M&amp;E System Upgrade to Trax eMRO, eMobility and Paperless</b></p> <p>Lynden Air Cargo is a unique cargo airline based in Alaska, operating scheduled and on-demand charter, international and domestic flights on all 7 continents, including services for the US military. Ensuring the fleet of L100-30 Hercules aircraft are always ready and available to fly is paramount. In order to ensure aircraft availability, the airline identified upgrading to a modern M&amp;E system, with the latest mobile Apps, devices and global connectivity, within a paperless maintenance environment as key to increasing aircraft maintenance efficiency. In this case study, head of the Lynden Air Cargo team, Ethan Bradford outlines how the project was established, alongside AeroATeam who provided industry expertise and project planning and strategies. You will hear about the challenge and corresponding strategy of migrating Lynden from a classic paper-based MRO system to an advanced integrated paperless maintenance process? Additionally, you will see how AI tools will enable Lynden to integrate TechOps activities within the overall business, improving efficiency and providing management with key technical operational controls.</p> <p><b>Ethan Bradford, VP Tech Ops, Lynden Air Cargo; and Jim Buckalew, CEO, AeroATeam</b></p>	14:00-15:30	<p><b>Vendor Showcase: EFB and Flight Operations Solutions - Part 1</b></p> <p>Continues...</p>
15:00-15:30	<p><b>CASE STUDY: King Aerospace - Utilizing an end-to-end Scalable ERP Solution to Manage Maintenance, Inventory Management, Technical Documentation, Accounting, HR, Payroll, and more</b></p> <p>King Aerospace, founded in 1992, is a premier provider of aviation services, offering a comprehensive suite of services including aircraft maintenance, modifications, and avionics support for both government and commercial clients. This case study explores how an integrated solution for aviation management, MISA from eTT Aviation, has streamlined King Aerospace's daily operations, contributing significantly to its business growth. The case study will examine various aspects of MISA, including Inventory Management, Maintenance Tracking and Planning, Government Contract Management, Accounting, Payroll, and HR. For each section you will see King Aerospace user testimonials and delve into how MISA has effectively addressed specific challenges. Additionally, the presentation will highlight the scalability of the solution, and the collaborative efforts between King Aerospace and eTT Aviation to ensure all new requirements are met.</p> <p><b>Chris Ranno, IT Manager, King Aerospace</b></p>		
15:30-16:15	<b>REFRESHMENT BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)</b>		

# AGENDA

	 <b>MRO / M&amp;E IT TRACK</b>		 <b>FLIGHT OPERATIONS IT TRACK</b>
16:15-17:45	<p><b>Vendor Showcase: M&amp;E / MRO IT Vendor Showcase - Part 2</b> 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&amp;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.</p> <p>Vendors presenting:</p> <ul style="list-style-type: none"> <li>13. KeepFlying</li> <li>14. Seabury Solutions</li> <li>15. Aerosoft Systems</li> <li>16. FieldLogs</li> <li>17. Veryon</li> <li>18. Tsunami Tsolutions</li> <li>19. EmpowerMX</li> <li>20. TrustFlight</li> <li>21. AireXpert</li> <li>22. OMEGA</li> <li>23. AeroATeam</li> <li>24. Flatirons Solutions</li> </ul>	16:15-16:45	<p><b>CASE STUDY: JetBlue Airways - An evolving Digital EFB Program Built around Advanced Connectivity and use of Data</b> In this case study, JetBlue Airways takes us through its extensive Digital EFB program which has been built around advanced flight deck connectivity, allowing the airline to tap into the data buses on the aircraft to support in-flight communications, live weather, flight tracking and more. You will see how the iPad Pro devices used by the pilots integrate with the airlines digital fleetwide IT aircraft management system and allow JetBlue's IT team to remotely update EFBs. You will also learn about current and future plans as the airline strives to remove all paper-based processes from the flightdeck.</p> <p><b>Mohnish Das, Manager Technical Programs - Flight Operations, JetBlue Airways</b></p>
		16:45-17:15	<p><b>Regulator Keynote: Recent and Planned FAA EFB Operational Policy Updates</b> Kurt Stiefel, one of the FAA's policy writers for Electronic Flight Bags (EFBs), will be presenting some planned updates to the recently released FAA Advisory Circular AC 120-76E . Kurt will also answer any questions relating to current and proposed FAA EFB policy.</p> <p><b>Kurt Stiefel, Flight Technologies and Procedures Division, FAA</b></p>
		17:15-17:45	<p><b>CASE STUDY: Canadian North - Revolutionizing Flight Operations in Canada's Arctic with an Innovative Electronic Weight and Balance Solution</b> Canadian North has a unique set of challenges operating its fleet in Canada's Arctic, often landing in remote locations which can be gravel and ice strips. Optimum weight and balance calculations are therefore essential. In this case study, Canadian North outline how the airline is working with DynamicSource, to utilize an innovative electronic weight and balance solution that is specifically tailored for these unique challenges. You will see how the solution prevents input errors with fixed value limits, automates checks against weight and balance constraints, reduces manual calculation errors, and more. You will also see how the solution has saved the airline over 50,000 sheets of paper annually through digitizing paper-based processes.</p> <p><b>John Murphy, Director of Flight Operations Support, Canadian North</b></p>
17:45-19:30	<b>COCKTAIL RECEPTION AND SOFTWARE DEMOS Sponsored by</b> 		

# AGENDA

WEDNESDAY 11TH SEPTEMBER 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	<p><b>CASE STUDY: Delta Air Lines - How Defect Analysis Tool has Transformed Aircraft Fleet Maintenance Efficiency</b></p> <p>In this case study, Delta Airlines will discuss utilizing the Veryon Defect Analysis tool which through advanced data analytics, automatically identifies chronic aircraft problems, manages recurring defect resolutions, and analyses defects. The session will discuss how the tool has improved fleet maintenance efficiency at Delta, ultimately improving aircraft uptime. You will learn how the solution has streamlined processes, improved accuracy and empowered the airlines to make proactive decisions to resolve chronic and non-routine maintenance issues. Real-world results will be discussed, including how long it took from implementation to start seeing results, maintenance efficiency gains, money saved, and more.</p> <p><b>Chris Womack, Manager of Maintenance Control Center, Delta Air Lines; and Fields Jackson, Senior Vice President of Sales, Veryon</b></p>	09:00-1:30	<p><b>Vendor Showcase: EFB and Flight Operations Solutions - Part 2</b></p> <p>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.</p> <p>Vendors presenting:</p> <ol style="list-style-type: none"> <li>14. StorkJet</li> <li>15. FLYHT</li> <li>16. REDiFly</li> <li>17. DynamicSource</li> <li>18. IBS Software</li> <li>19. Bytron</li> <li>20. OpenAirlines</li> <li>21. Lufthansa Systems</li> <li>22. Air Support</li> <li>23. PACE</li> <li>24. Avionics Support Group</li> <li>25. ASAP</li> <li>26. Synapse Aviation</li> </ol>
09:30-10:00	<p><b>CASE STUDY: Azul Linhas Aereas - Streamlining Maintenance Planning: A Case Study on Implementing a Next-Gen Heavy Maintenance Planning Solution</b></p> <p>In this case study presentation, Azul Linhas Aereas will explore the unique challenges and successes of their onboarding process as both a Maintenance, Repair, and Overhaul (MRO) provider and an airline to Aerostrat's Aerros heavy planning application. The case study will delve into the specific hurdles faced during the transition to a new SaaS platform from Excel. You will learn how Azul's digital strategy has enhanced overall efficiency and accuracy in maintenance processes. Real-world examples will highlight the key benefits observed, such as improved workflow, increased yields, reduced downtimes, and better hangar utilization.</p> <p><b>João Canalis Ferrari, Maintenance Planning Manager, Azul Linhas Aereas; and Anailson de Vasconcelos Queiroz, Strategic Maintenance Planning Coordinator, Azul Linhas Aereas</b></p>		

# AGENDA


	⚙️ MRO / M&E IT TRACK		✈️ FLIGHT OPERATIONS IT TRACK
10:00-10:30	<p><b>CASE STUDY: CommuteAir - Utilizing an Electronic Tech Log (ETL/ELB) to increase Sustainability and Operational Efficiency</b></p> <p>In this presentation you will learn how CommuteAir 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:</p> <ul style="list-style-type: none"> <li>• The transformation obtained by management integration with the ETL/ELB to achieve improved operational efficiencies between flight operations and maintenance departments.</li> <li>• The streamlining of process from all departments' activities being driven by a single source of truth, and real-time data, providing fleet M&amp;E status analysis.</li> <li>• Unifying real-time communications between flight operations and maintenance departments for faster turnarounds and reduced error rate.</li> </ul> <p><b>Heather Hinton, Director of Maintenance Operations, CommuteAir</b></p>	09:00-10:30	<p><b>Vendor Showcase: EFB and Flight Operations Solutions - Part 2</b></p> <p>Continues...</p>
10:30-11:15	<b>REFRESHMENT BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)</b>		
11:15-11:50	<p><b>Vendor Showcase: M&amp;E / MRO IT Vendor Showcase - Part 3</b></p> <p>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&amp;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.</p> <p>Vendors presenting:</p> <ol style="list-style-type: none"> <li>25. eTT Aviation</li> <li>26. FLYHT</li> <li>27. Comply365</li> <li>28. Orlando Suite for TechPubs</li> </ol>	11:15-11:45	<p><b>CASE STUDY: Virgin Atlantic - Increasing Fuel Efficiency gains with a pilot-first, behavioural solution</b></p> <p>Overcoming plateaus in reducing aviation emissions requires innovative approaches that drive continuous improvement. Virgin Atlantic has unlocked additional fuel efficiency gains by integrating Signol into its overall sustainability toolkit—a pilot-first behavioural science solution that fosters sustained captain engagement. Through Signol's unique solution, which understands intrinsic motivations whilst also accounting for privacy and safety matters, Virgin motivates and empowers its pilots to embrace fuel-saving practices in the long term. Quantified results reveal substantial carbon reductions from this human-centric approach. The case study demonstrates how cultivating an engaged workforce is key to transforming an industry towards sustainability.</p> <p><b>Jason Read, Flight Operations Engineering and Efficiency Manager, Virgin Atlantic Airways</b></p>



# AGENDA

	 MRO / M&E IT TRACK		 FLIGHT OPERATIONS IT TRACK
11:50-12:45	<p><b>Vendor Showcase: Electronic Technical Logbook (ETL/ELB) Solutions</b></p> <p>Your chance to quickly find out about the industry's leading Electronic Technical Logbook (ETL / ELB) and accompanying Cabin and M&amp;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.</p> <p>Vendors presenting:</p> <ol style="list-style-type: none"> <li>1. AvioBook</li> <li>2. Ultramain Systems</li> <li>3. TRAX</li> <li>4. REDiFly</li> <li>5. Conduce</li> <li>6. Lufthansa Technik</li> <li>7. Swiss AviationSoftware</li> <li>8. TrustFlight</li> </ol>	11:45-12:15	<p><b>CASE STUDY: PLAY - Flair Airlines - Selecting and implementing an AI Powered Fuel Efficiency Solution</b></p> <p>In this case study, Flair Airlines, take us through its developing fuel efficiency program. The airline has recently selected and implemented an AI powered digital fuel efficiency solution to model accurate fuel saving scenarios by aircraft tail, reveal precise savings across multiple fuel saving initiatives and track results in dashboards, fully engage pilots using a nextgen EFB Pilot App, and ultimately reduce fuel costs. The presentation will cover why Flair Airlines has selected a fuel efficiency solution and outline the limitations of previous tracking methods, as well as covering the challenges of data integration to power the key analytics: what data sources are needed and how easy is it to integrate into the solution? Early results and project update are also covered.</p> <p><b>Shaad Shaikh, Fuel Manager, Flair Airlines</b></p>
		12:15-12:45	<p><b>New Technology Keynote: Revolutionary New Jet Fan Efficiency Technology with the potential for 30% reduction in Fuel Burn and Emissions</b></p> <p>In this presentation deltaBurn introduces us to its innovative solution which can be applied to current aircraft engines. As you will see the modification is a proprietary aerodynamic change to the engine's fan blades, enhancing their outer span aerodynamic performance. Existing fan blade designs are advanced, but have performance constraints that are traditionally common to compressor behaviour. deltaBurn has determined that the current constraints can be mitigated. This results in changes to the thrust output of the fan for a given torque required to turn the fan. The modification is made in situ, the primary benefit being improved transonic and sonic performance of the fan blades, reducing engine core torque, RPM, EGT and fuel flow to achieve a given thrust. The presentation will showcase test results which have demonstrated a 30% reduction in fuel burn and emissions, and outline the background and current status of this potential ground-breaking new technology. <i>[This presentation will challenge traditional assumptions; it is not conceptual, it has flown to FL450 &amp; Mach 0.80, the envelope of the demonstration jet]</i></p> <p><b>Peter Ireland, CEO, deltaBurn</b></p>
12:45-14:00	<b>LUNCH BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)</b>		
14:00-14:30	<p><b>ASPIRE MRO - Continued Optimization of a Digital MRO</b></p> <p>From its inception, Aspire MRO focused on developing a people-centric work culture reinforced by proven MRO processes and matching systems. As a fully digital MRO, the company now continues to streamline itself with a vision for excellence in its hangar operations targeting the optimization of labour and material resources, safety, data collection, TAT, and cost control. This case study discusses how the MRO is implementing and measuring these processes, how it is continuously fine tuning its standards, and what are the next stages it will strive to achieve.</p> <p><b>Phil Bathurst, CEO, Aspire MRO</b></p>		

# AGENDA

	✈ Flight Operations IT and ⚙ MRO / M&E IT Tracks
14:30-15:00	<p><b>CASE STUDY: Rolls-Royce - Optimize Task Card Authoring Process and Eliminate Paper Task Cards for Maintenance Execution</b></p> <p>In this case study, you will learn how the Rolls-Royce repair center is leveraging Flatirons Solutions technology to go fully digital for Engine Maintenance visits. Flatirons eTaskCard Task Card authoring has allowed Rolls-Royce in a record time to migrate to fully intelligent digital task card linking to Maintenance Manual Task available in Pinpoint. As you will see eTaskCard form-based authoring allows users, in a very user-friendly manner, to fully customize task card contents including appropriate sign-off, comments fields location and format to fit the maintenance requirements, plus proper information gathering, including supporting remote location maintenance events. Also describing how automation in capturing deferred steps to properly plan carry over work is one of the many processes optimization allowed by the eTaskCard utilization. Flatirons Insight reporting allows for direct progress status on maintenance visit events down to the step level of a Task Card and is automating the generation of the finalized record.</p> <p><b>Tim Wyckoff, Head of On-Wing Service - Business Aviation, Rolls-Royce</b></p>
15:00-15:30	<p><b>CASE STUDY: Viva Aerobus - Enterprise-Wide Document Management across Flights Ops and Tech Ops to Realize Significant Operational Efficiencies</b></p> <p>As a progressive and ambitious airline, operating more than 160 routes to 50 different destinations and in need of an efficient and scalable document management solution for its Flight Operations and Engineering departments, Viva Aerobus selected DocuNet to transform and innovate across its operational systems and processes. In this presentation you will learn how the major Mexican low-cost carrier is leveraging DocuNet by Comply365 for the end-to-end management, control and distribution of flight operations and engineering manuals, realizing significant operational and IT efficiencies. Nayhelli Sanchez, Technical Publications Manager at Viva Aerobus, will share how the airline translated its business philosophy into practice, resulting in marked improvement to the efficiency and cost of managing its operational content across flight ops and tech ops. Sanchez will share how this partnership and their new processes have delivered a cost-effective and scalable platform that has increased the airline's operational efficiency, safety and reliability.</p> <p><b>Nayhelli Sanchez, Technical Publications Manager, Viva Aerobus</b></p>
15:30-16:00	<b>REFRESHMENT BREAK AND SOFTWARE DEMOS (REGENCY BALLROOM)</b>
<b>Amazon Voucher Session</b>	 <p><b>Business cards will be collected at the beginning of this session.</b></p> <p><b>The prize draw will be made at the end of the second presentation.</b></p> <p><b>You have to be in the room to win a US \$ 300.00 Amazon voucher - Good luck!</b></p>
16:00-16:30	<p><b>CASE STUDY: American Airlines - Broadening Heavy Maintenance Strategy Optimization and Automation with Advanced Maintenance Planning Tools</b></p> <p>In this case study, we hear from American Airlines and how it has unlocked key benefits from Omega Air Software's Ames maintenance planning solution and how this planning solution better serves the airline in its consolidated maintenance, operational support and schedule planning activities. In particular, American will highlight the advantage created through Ames automated API feed, data warehousing, and business reporting. You will see examples of how Ames functional suite of tools, including what-if scenario building, allows American to optimize its long-range maintenance plan. Additionally, American will highlight how Ames data is critical not only to guide the long range maintenance planning process, but also how it uses Ames maintenance schedule data to refine and automate intermediate and short-range maintenance planning decisions for both the heavy maintenance and line maintenance organizations. Lastly, American will highlight how the Ames tool has allowed a full-shift in the approach it takes to budget future years' maintenance volumes and track schedules - not only streamlining processes but unlocking productivity for other groups to refocus their capacity on other critical areas of the maintenance planning function.</p> <p><b>Joe Kunnathusseril, Senior Manager - Aircraft Base Planning, American Airlines</b></p>

# AGENDA

	✈ Flight Operations IT and ⚙ MRO / M&E IT Tracks
16:30-17:00	<b>Digital Maintenance Keynote: Improved Maintenance Efficiency Through the Adoption of fully Digital Maintenance, Both on the Line and in the Hangar</b> In this presentation ATA will outline the processes and benefits behind Electronic Work Packages and Electronic Logbooks. You will firstly see the inefficiencies of using PDFs, spreadsheets and paper-based processes, particularly between an MRO and the airline / operator who will both be inputting the data manually into their own M&E IT Systems. You will see the process to set up end-to-end electronic maintenance records through a fully tagged XML work package transaction process and electronic signatures, and how the process also flows through the electronic logbook process, leading to improved turnaround, reduction in admin time, and the opportunity to better track status of maintenance. The process also leads to easier to maintain records and easier to run data reports such as advanced data analytics, and real-time reliability reporting. <b>Ken Jones, Director Electronic Data Standards, ATA</b>
<b>US \$ 300.00 Amazon voucher Prize Draw</b>	
17:00	<b>END OF CONFERENCE</b>