The World’s Leading Aviation IT Conference for MRO/M&E and Flight Operations Solutions returns to Miami in 2019 bigger and better!

For further information contact Stephen Keeble – stephen@aircraft-commerce.com +44 1403 230 888

“Pre-Conference Digital Transformation in Aviation Workshop
10th June 2019
14:00 - 17:30

Vendors exhibiting their software include:

- empowermx
- casee
- Boeing
- CaseBank
- OMEGA
- Safran
- IFS
- GigSky
- LogiPads
- Safety Line
- Swiss Aviation Software
- INFORM
- Airbus
- Teleyre Controls
- VISTAIR
- Ramco
- WebManusals
- Ubisense
- Air Support
- Openairlines
- Pace
- ITK Company
- AeroSoft
- SeaBury Solutions
- APSYS
- Flyht
- StorkJet
- Avionics Systems
- Esterline
- Pivot
- Honeywell
- Rusalines
- Flatirons
- NavBlue
- Collins Aerospace
- Simply360
- Ultramain
- Emro
- Lufthansa Technik
- Sitaonair
- Honeywell
- MIDAS
- IFS
- Maximo
- AVIO
- Electronic mbs Systems
- Aircraft Management Consulting
- Esterline Avionics Systems
- PIVOT
- dgBirds
- Eagle CAP Software
- arms2s

This conference always provides the latest in new technologies for the airline industry”

Industrial Engineering Manager, UPS
WHY ATTEND AS A DELEGATE

The Airline & Aerospace MRO & Flight Operations IT Conference – Americas, returns to Miami for 2019 with over 50 of the world’s leading IT vendors exhibiting their solutions. Delegates can listen to keynote presentations and case studies, and take part in interactive workshop sessions.

It is the only event in the world providing airlines, aircraft operators, MROs and OEMs with a one-stop shop to be able to review and demo the latest cutting edge technology, designed to streamline and increase efficiency for aircraft maintenance and flight operations, as well as dramatically reduce costs. From the latest paperless and mobile solutions for the Flight Deck or Hangar to a complex maintenance management system; it will all be there.

As well as refreshments being available throughout the event, breakfast and lunch is included on both days with a cocktail reception taking place in the evening of day one (11th June).

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 EFB, Fuel Efficiency and MRO/M&E Software and Hardware vendor showcases will be running. See Pages 4-10 for full conference agenda.

- You can network with your peers among the 500+ delegates in attendance from across the Americas region. Learn from their experiences, share recommendations and exchange ideas. Also attend the Pre-Conference Digital Transformation in Aviation Workshop, taking place on the 10th of June from 14:00 - 17:30 - see pages 4-5 for full information.

- 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 exhibiton 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)

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;
- Engine Management Solutions;
- Paperless Manuals and Technical Documentation.

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With the explosion of data and new technologies in the past 3 years, it is clear that Digital Transformation is something with which every airline and aviation company must engage. But what is ‘digital transformation’ and what are its implications for management, and those using and developing software solutions?

Airlines and large aviation companies are complex operations, and their systems are normally reliant on an IT architecture that is outdated and fragmented. Data sits in silos across the company and that silo separation limits the company's ability to adopt a digital strategy. Upgrading that technology is extremely time consuming, complex and costly. So how can airlines and aviation companies benefit from new digital technologies, embrace transformation, and bring the data silos together to enable real-time insights?

During the interactive workshop, you will learn answers to these questions, as well as understand the history of the digital age. You will learn lessons from other industries and what's trending in aviation as well as see case studies of agile IT solutions that can integrate with traditional IT infrastructures.

At the end of the session, participants will have a working knowledge of the different digital technologies trending in aviation and which new technologies are coming to market; understand the benefits of working with agile technology compared to traditional methods; and know how to implement this to drive digital transformation. The workshop will close with a Q&A session and participants are invited to send in their key questions and details of any digital problems facing their companies ahead of the session – our experts will then ensure you leave with the answers and knowledge needed to meet these challenges.

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

**PRE-CONFERENCE DIGITAL TRANSFORMATION IN AVIATION WORKSHOP AGENDA – (Workshop / Showcase room)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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| 14:00 - 15:30 | **Theory & Introduction:**
|             | **Introduction:**
|             | • An introduction to Digital Transformation and a look back at history |
|             | • What are the most significant development to date?                    |
|             | **The second digital age – General trends in digitization**            |
|             | • What's going on in society at large and in other industries? Social media is a relentless force driving digital technology. |
|             | • What new technologies are coming to market?                          |
|             | • How can we position ourselves to be a winner in the second digital age?|

**Digitization in Aviation. Trends and Case Studies**

- What's trending in Aviation in the digital market?
- Presentation of agile IT solution case studies such as:
  - Digital transfer of Weight & Balance information between stakeholders.
  - ePooling of components with XML transfer of rotatable data
- Developing tablet solutions for load control

**How to successfully implement digital initiatives in Aviation**

- An introduction to agile project methods and how to use them in an aviation digitalization project.
- A comparison between traditional waterfall methods and IT structure, and agile projects and solutions.
- An introduction to the practical agile course

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<tr>
<th>Time</th>
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<tr>
<td>15:30 - 16:00</td>
<td><strong>REFRESHMENT BREAK</strong></td>
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| 16:00 - 17:30 | **Agile LEGO brick building workshop:**
|             | • The group will divide into development teams and then our Agile coach will lead us through the planning and building of an airport with LEGO bricks. We will work in short sprints with planning, building and retrospective phases. Key take aways will be deeper understanding of the pros of working agile compared to traditional methods and ideas on how to implement this for digital development in aviation. |
|             | • Closing Thoughts and Questions & Answers                               |
| 17:30       | **CLOSE OF PRE-CONFERENCE DIGITAL TRANSFORMATION IN AVIATION WORKSHOP** |

For further information contact Stephen Keeble – stephen@aircraft-commerce.com +44 1403 230 888
Workshop hosted by:

Fredrik Ekstrand  
CEO  
Cervino Consulting

Fredrik has over the last 15 years been working as business consultant and project manager in the aviation, defense and MRO market. Fredrik have participated in over 10 major implementation projects of aviation MRO software such as AMOS, Aura/M3 and Maintenix with end customers such as Swedish Airforce, Royal Thai Airforce, Hungarian Airforce, Czech Airforce and Scandinavian Airlines. Fredrik also founded Cervino Consulting and has been CEO from the start. Cervino is today a 25 FTE, company with offices in Stockholm, Oslo and Gothenburg with specialties in aviation and defence. Fredrik Ekstrand holds a M.Sc. in Industrial engineering from Linköping Institute of Technology.

Erik Nordqvist  
Agile Consultant  
Cervino Consulting

Erik Nordqvist Berglund is an Agil Coach, Project manager and Scrum Master with the drive for agile working methods. He is a certified Scrum master and Product Owner and has worked in leadership role with agile methods since 2010.

Erik has worked extensively to help Scrumteam and agile project groups right in their agile journey, but also with the change and implementation of agile methods in more traditional project methodologies and organizations. Lately Erik has been assisting several aviation customers to transform their digitalization work from waterfall to agile project methods. Erik holds Masters degree in computer science from the university in Stockholm.

REGISTER TO ATTEND THIS WORKSHOP

There is a fee of $250.00*

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

Register Online: Click the following link  
http://www.aircraft-commerce.com/conferences/Miami2019/Workshop.asp

stephen@aircraft-commerce.com  
+44 1403 230 888

https://registration.allintheloop.net/#/register/event/digital-transformation-in-aviation-workshop-registration-5x8w

*This fee is in addition to any conference fee, or VIP delegate place

WORKSHOP BROUGHT TO YOU BY:

Cervino Consulting  
Fredrik Ekstrand  
CEO  
Cervino Consulting

For further information contact Stephen Keeble – stephen@aircraft-commerce.com +44 1403 230 888
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.

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:00 - 08:55</td>
<td>BREAKFAST – DELEGATE REGISTRATION – SOFTWARE DEMONSTRATIONS</td>
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<td>08:55 - 09:00</td>
<td>Chairman’s opening remarks</td>
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<td>08:55 - 09:30</td>
<td><strong>MRO / M&amp;E IT TRACK – (Main Conference room)</strong></td>
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<tr>
<td>09:00 - 09:30</td>
<td><strong>Industry Trends Keynote: Digital Transformation - Where are we?</strong></td>
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<td>Digital Transformation and Big Data have been buzzing topics for the past 3 years. In this presentation ICF will present the status of the landscape:</td>
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<td>• What are the main trends (areas of focus)</td>
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<td>• What are the notable achievements to date</td>
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<td>• Which suppliers are leading the race to digital maturity</td>
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<td>• Which new technologies are about to join in 2019</td>
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<td>• What are the areas of concerns for the industry</td>
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<td>Allan Bachan, Vice President, ICF</td>
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<td>09:30 - 10:00</td>
<td><strong>Airline Case Study: Jazz Aviation - Using Digital Tools for a Successful Lease Return</strong></td>
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<td>In this case study Jazz Aviation outlines its new digital aircraft lease transaction tool from TRAX - the Lease Return Portal. The case study will show how the tool improves processes, assists Jazz to deliver the aircraft on-time, reduce costs and the time spent preparing key aircraft data.</td>
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<td>John Hensel, Manager Business Services Portfolio, Jazz Aviation</td>
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<td>10:00 - 10:30</td>
<td><strong>Inventory / Spare Parts Case Study: AMP MRO Parts - Replace Inventory with data</strong></td>
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<td>AMP helps MROs and airlines manage their inventories, both with purchasing consolidation programs on the buy side and innovative surplus solutions for overstocked and obsolete parts on the sell side. By utilizing Ramco's modules for Supply Chain Management, Part Sales Management, Finance &amp; Accounting, and by maximizing the use of connectors to Aeroxchange® Buy, Sell, and Consignment products, AMP is able to effortlessly manage procurement processes for its growing list of distribution and consignment customers. In this case study presentation, Ramco outline how its Aviation Suite fulfils AMP's requirements by offering tools around B2B Connectivity, Automation, Mobility, Hubs, and advanced visualization which bring unparalleled power to the hands of the users, along with a highly-effective dashboard which provides easy visibility into the health of key business processes. As you will see Ramco's integrated solution across various product lines, its strong support platform, and its continued adaptability are key components of a system needed to support a rapidly-growing and evolving business model like AMP.</td>
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<td>David Rieth, Director Business Development, Airline MRO Parts (AMP)</td>
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<td>Manoj Singh, Sr VP &amp; Head of Aviation in Americas, Ramco Aviation</td>
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<th>Time</th>
<th>FLIGHT OPERATIONS IT TRACK – (Workshop / Showcase room)</th>
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<tr>
<td>09:30 - 10:00</td>
<td><strong>Workshop Session: A Fuel Efficiency Masterclass - How to enhance your existing Fuel Efficiency Program</strong></td>
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<td>This Masterclass session will show you how to further enhance an existing Fuel Efficiency program. The economic impact of fuel efficiency management is still large, and even though fuel costs today typically only represent 20% - 30% of the total operational costs of an airline, there are still significant amounts of money to be saved. You will be presented with practical examples on how to further lower fuel consumption and substantially improve profitability. Topics of the case study include:</td>
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<td>• Why fuel efficiency management continues to be important</td>
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<td>• How to better organize an operational efficiency improvement program</td>
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<td>• What new fuel saving initiatives can be implemented</td>
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<td>• Choosing the right software to support a fuel savings program</td>
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<td>• How to ensure you make the most out of your current software solution</td>
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<td>• Questions &amp; answers</td>
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<td>Workshop hosted by: Sander de Moor, Global Lead - Fuel Efficiency, Aircraft Commerce Consulting</td>
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<tr>
<td>10:30 - 11:15</td>
<td><strong>REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS</strong></td>
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<td>11:15 - 11:45</td>
<td><strong>Airline Case Study: UPS - Using Data to Monitor and Address Repetitive Defects.</strong> In this case study UPS outlines a software tool it uses to mine valuable operational information from MAREPs and PIREPs. It shares with us how users in CASS, MOC, Reliability, Engineering, QA and others benefit from the tool's ability to search log pages and identify repetitive issues. <em>Tom Wagner, Manager of ACMX Technical Support and Aircraft Maintenance, UPS</em></td>
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<td>11:45 - 12:15</td>
<td><strong>Airline Case Study - Copa Airlines: A Cross-Enterprise Transition to a Modern, Mobile Cloud-enabled Maintenance &amp; Engineering Platform</strong> Consistently recognized as the most punctual airline in Latin America, Copa Airlines also carries a reputation for being at the forefront of innovation, embracing new technologies in the spirit of improving the overall passenger experience. In this session, Copa will detail how the airline made a successful cross-enterprise transition to a modern, mobile Cloud-enabled Maintenance &amp; Engineering platform, with plans afoot to further improve their MRO best practices harnessing the power of latest advances in e-signatures and supply chain optimization. <em>Pablo Rousselin Avendaño, Senior Projects Manager, Copa Airlines</em></td>
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<td>12:15 - 12:45</td>
<td><strong>Airline Case Study - Enhancing PMI to WebPMI, Customized JobCards and Digital Technical Manuals Implementation Project</strong> This case studies follows a major US Regional Airline and the implementation and integration of the AeroSoft CMS solution DigiDOC with the upgraded version of the airline's M&amp;E solution WebPMI. The presentation will cover the process through the final business approval and trial/playground stage, project launch and early stages of implementation and reflect on the existing environment and the envisioned target environment with the multitude of challenges beyond the software. AeroSoft will share insight on the problems solved both internally and at the customer before and after the project start, elaborate on the complexity of the project planning and phasing of the technical receivables and deliverables and show some of the lessons learned so far. <em>Barend van de Vrande – VP Product Management, Support and Implementation, AeroSoft Systems</em></td>
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<td>12:45 - 14:00</td>
<td><strong>LUNCH – SOFTWARE DEMONSTRATIONS</strong></td>
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<td>Time</td>
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<td>14:00 - 14:30</td>
<td>Industry Survey Results - Capgemini: Digital Aviation &amp; Aerospace MRO Survey 2019 Capgemini presents its 2019 industry survey results on the adoption of MRO innovations such as interactive voice computing, service parts optimization, predictive maintenance, connected aircraft operations and the autonomic airline. Which innovations have stalled and which are accelerating? Industry leaders give their perspectives on what is delivering operational and financial value; what new business models these innovations are enabling; and what is in store for the future.</td>
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<td>14:30 - 15:00</td>
<td>MRO Case Study - Coopesa: A journey from effective to efficient In this case study, Coopesa will outline the drivers behind its decision to implement EmpowerMX's FleetCycle® MRO Manager software and will discuss the roadmap they followed to deploy it into production. The session will cover the hurdles, challenges and opportunities Coopesa faced, and the dramatic improvements in operating efficiency they realized post implementation</td>
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<td>15:00 - 15:30</td>
<td>Airline Case Study: Upgrading Legacy Systems to deliver Next Generation Functionality Since its launch the airline has been using Maximo 6.1 with the original, separate, Maximo Aircraft Configuration Management system to track all aircraft and component maintenance activities. In 2016 the airlines engaged with Projetech, Electronic Data Inc and IBM to upgrade their Maximo system to the current version of Maximo for Aviation. This case study focuses on the upgrade project which will culminate in the spring of 2019 and will deliver massive improvements in the airlines ability to manage all aspects of the airline’s maintenance requirements as dictated by Federal Aviation Regulations section 121. Projetech has powered Maximo system as a cloud service since 2011. As you will see, Projetech partnered with EDI to configure the MIA and to build migration processes to transform data from the legacy Maximo + CM systems to keep system down time to a minimum since Maximo is listed on the airlines' Operating Specification as a mission critical system.</td>
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<table>
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</thead>
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| **16:15 - 16:45**  
Real Time Location System (RTLS) Keynote: Using location across your business from tracking tools to autonomous aircraft inspections  
During this presentation, you will discover the value an RTLS solution can bring you in an MRO environment. Parallels will be drawn with other sectors, where RTLS is now part of the standard processes, to demonstrate how this technology can be used to enhance and improve your existing processes. There will also be information on how to implement such a solution and the real benefits achieved from specific use cases in actual implementations.  
*Dr. Hugh Revie, Sales Director - Aerospace, Ubisense*  
*Adrian Jennings, VP RTLS Technology, Ubisense* | **Vendor Showcase: Electronic Flight Bag (EFB) - Part 3 (16:00 - 16:50)**  
Your chance to quickly find out about all the major EFB Software & Hardware Solutions on the market. Each Vendor will provide a brief 7 minute showcase of their solutions including: EFB product overview, latest developments, 2019 outlook, new customers.  
Vendors presenting include:  
18) SITAONAIR  
19) NAVBLUE  
20) Honeywell  
21) Laminaar  
22) Orlando Suite for Tech Pubs  
23) Vistair  
24) Teledyne Controls |
| **16:45 - 17:15**  
IT Vendor Focus: Paperless Maintenance in the eye of the digital mesh – the towering eye wall: Data, Augmented Analytics and Maintenance Cost Control  
IATA's guidance material for paperless maintenance is vast and comprehensive; the ATA e-business program covers it all from e-logbook to warranty claims. Smart RFID tags automatically share the maintenance status of a removed component. However, RPA solutions are developed to automate the printing of documents and SBs are distributed in PDF format. Maintenance invoicing is further behind with e-invoicing on IATA's agenda for years.  
Real-time fleet and lease cost management, cost driven task planning, automated invoice control, tail centric performance and cost tracking are feasible. Tomorrow's savings are driven by cost driver analytics, real-time cost impact awareness, predictive, prescriptive cost analysis embedded in a collaborative decision making process of Maintenance Control Center (MCC) and Integrated Operations Control Center (IOCC). How? Engage in agile incremental minimum viable concept (MVC) and minimum viable product (MVP) development. Early adapters accelerate their business, maintain a competitive advantage and assure AI readiness for tomorrow.  
*Gesine Varfs, Marketing & Early Adopter Program, APSYS* | **Vendor Showcase: Flight Operations Solutions (16:50 - 17:30)**  
Your chance to quickly find out about all other Flight Operations Solutions Vendors exhibiting at the conference. Including Flight Planning, Full Ops Solutions and Ops Performance. Each Vendor will provide a brief 7 minute showcase of their solutions including: product overview, new customers, latest developments, 2019/20 outlook, new customers.  
Vendors presenting include:  
1) AIR SUPPORT  
2) Smart4Aviation  
3) Storkjet  
4) Chetu  
5) Laminaar  
6) Eaglecap Software |
<table>
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<tr>
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</tr>
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| **17:15 - 17:45**  
IT Vendor Focus: Forecasting Spare Parts for Optimization of MRO Inventory  
Forecasting spare parts is difficult, but to know what spares to hold, where to hold them and in what quantity is crucial. To identify maximum supply of spare parts at minimal costs there is the need to consider the demand uncertainty dimension and the trade-off between excessive inventory vs. unwarranted aircraft down-time when calculating replenishment parameters. During this presentation Cervino Consulting will walk you through how to use historical data and clever algorithms to identify when to order new stock and the maximum supply of spare parts required.  
*Fredrik Ekstrand, CEO, Cervino Consulting* | |
| **18:00 - 20:00**  
COCKTAIL RECEPTION SPONSORED BY RUSADA | |
## DAY TWO – Wednesday 12th JUNE 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>08:00 - 08:55</td>
<td><strong>BREAKFAST – DELEGATE REGISTRATION – SOFTWARE DEMONSTRATIONS</strong></td>
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<tr>
<td>09:00 - 09:30</td>
<td><strong>Regulator Keynote: FAA EFB Policy Update</strong></td>
<td>(Main Conference room)</td>
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<td>Brian Hint, the FAA’s policy writer for Electronic Flight Bags (EFBs), will be presenting a number of new EFB topics to include alternative EFB device usage, automated EFB concepts of operation, and new dispatch requirements for certain EFB functions. As always, Brian will also provide an overview of current material and resources available to industry stakeholders as well as answer any questions related to current and proposed FAA EFB policy.</td>
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<td><strong>MRO / M&amp;E IT Vendor Showcase - Part 1</strong></td>
<td>(Workshop / Showcase room)</td>
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<td>Your chance to meet with the major end-to-end MRO/M&amp;E and Technical Document Management Vendors on the market. Each Vendor will have the floor for 7 minutes to showcase their: MRO/M&amp;E IT product overview, new customers, latest developments, 2018 outlook, product roadmap.</td>
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<td>Vendors presenting include: 1) EmpowerMX, 2) Rusada, 3) Omega Air, 4) TRAX, 5) APSYS, 6) Chetu, 7) Seabury Solutions, 8) Laminaar, 9) Aerostat, 10) Flatirons Solutions, 11) AVIO, 12) Ultramain, 13) Ubisense</td>
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<tr>
<td>09:30 - 10:00</td>
<td><strong>Airline Case Study: WestJet - How Mobile Strategy Became Part of A Growing Airline’s Digital Innovation Philosophy</strong></td>
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<td>As WestJet has grown from 220 WestJetters and five Canadian destinations to 14,000 WestJetters and over 100 destinations worldwide, they’ve not only grown in size, but in sophistication – highlighting the importance of a mobile strategy for pilots and flight attendants. This case study talks through decisions to buy or build mobile solutions for different groups of users with different needs and also explains how the strategy fits into WestJet’s approach to digital innovation and supports the airline’s goals of continued growth and delivering remarkable experiences – one guest at a time.</td>
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<td>Hriday Balachandran, IT Airline Ops Manager, WestJet</td>
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<td>10:00 - 10:30</td>
<td><strong>Airline Case Study: VivaAerobus - Digital Manuals and Documentation Project Case Study</strong></td>
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<td>In this case study Mexican carrier, VivaAerobus, outlines its transition to a cost-effective and scalable platform to manage Flight Operations and Engineering manuals. You will learn about the challenges faced when managing multiple document formats and how a partnered solution has resulted in bettered transparency and efficiency across the group.</td>
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<td>Nayhelli Sanchez, Technical Publications Manager, Viva Aerobus</td>
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<tr>
<td>10:30 - 11:15</td>
<td><strong>REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS</strong></td>
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### FLIGHT OPERATIONS IT TRACK – (Main Conference room)

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<th>Time</th>
<th>Presentation</th>
<th>Speaker(s)</th>
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<td>11:15 - 11:45</td>
<td>Airline Case Study: Pacific Air Express – The benefits of real-time data acquisition.</td>
<td>Craig Abela, Standards and Technical Pilot, Pacific Air Express</td>
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<td>In this case study Pacific Air Express present the airline's use of real-time data acquisition using FLYHT’s Automated Flight Information Reporting System (AFIRS). Pacific Air Express discusses its use of the technology including satellite connectivity, including voice, GPS for FOQA, automated and accurate block and flight time reporting, automated engine data collection including RR RB211 Profile engine reporting for EHM, automated engine and airframe exceedance reporting, built-in QAR, and flight following. The presentation shares examples of the results the airline has seen regarding cost savings, improvements in processes and communication, and safety and compliance.</td>
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<td>11:45 - 12:15</td>
<td>Airline Case Study: Tradewind Aviation - The Digitization of Flight Operations Manuals and Regulatory Compliance</td>
<td>Nickolaus Ogle, Assistant Director of Operations, Tradewind Aviation</td>
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<td>In this case study, Tradewind Aviation shows how it’s simple and straightforward digital document management software crucially helps to instill a culture of safety and awareness across the airline, allowing for intuitive editing and compliance monitoring of operational manuals. You will see how the system is designed to enable key stakeholders to edit documents and manuals themselves while allowing the fast distribution of up-to-date revisions to EFB and tablet devices.</td>
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<td>12:15 - 12:45</td>
<td>Airline Case Study: Republic Airways - Adopting Fuel Efficiency Solutions</td>
<td>John Donaldson, Manager Flight Operations Efficiency, Republic Airways</td>
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<td>Fuel initiative adoption rates are much higher when stakeholders have the right data and tools available to help them convert opportunities into realized savings. However, the path to accessing the right data and translating it into usable information for key stakeholders is not always clear. Republic Airways has recently achieved success on this front by partnering with their flight crew/pilot union stakeholders to be able to utilize flight data for fuel efficiency initiatives, and are implementing Boeing Fuel Dashboard’s functionalities into their operation to promote data-driven decision making. Attend the session to hear Republic Airways’ Manager of Flight Operations Efficiency and Teamsters Local 357 Safety Chairman discuss how they approached engaging flight crew stakeholders and their take on implementing an analytics-based solution such as Fuel Dashboard.</td>
<td>Capt. Patrick Holyfield, IBT 357 Safety Chairman, Republic Airways Greg Haselfeld, Product Marketing, Boeing Global Services</td>
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### MRO / M&E IT TRACK – (Workshop / Showcase room)

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<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Vendors Taking Part</th>
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<tr>
<td>12:45 - 14:00</td>
<td>LUNCH – SOFTWARE DEMONSTRATIONS</td>
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For further information contact Stephen Keeble – stephen@aircraft-commerce.com +44 1403 230 888
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<tr>
<th>FLIGHT OPERATIONS IT TRACK – (Main Conference room)</th>
<th>MRO / M&amp;E IT TRACK – (Workshop / Showcase room)</th>
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<td><strong>14:00 - 14:30</strong> Deep Turnaround: Still collecting data manually? How Artificial Intelligence revolutionizes Ground Operations&lt;br&gt;Punctual turnarounds have become more and more a critical success factor for the on-time performance of airlines. To successfully implement Turnaround Management airlines need to consider the following action fields:&lt;br&gt;• Definition and set up of a reference model, that is agreed with the suppliers&lt;br&gt;• Monitoring of current ground handling by defining target/actual times&lt;br&gt;• Setup of corresponding Service Level Agreements (SLAs)&lt;br&gt;• Performance monitoring and analysis by Quality- and SLA management.&lt;br&gt;These action fields are the prerequisite to successfully manage the seamless interplay between airport, airline and ground service providers. Even there is a great potential to improve the on-time performance, pro-actively controlling ground processes is still a relatively uncharted territory for many airlines though. The period of time between on-blocks and off-blocks very often still remains a “black box”. The important question therefore is: Why is there still such a hesitation among airlines to implement a Turnaround Management? This presentation will outline some of the biggest obstacles including the laborious gathering of the necessary data to visualize the turnaround performance in real-time. But with new technologies available on the market, this problem is past: Artificial Intelligence (AI) today allows airlines to easily transform unstructured data simply from a video stream into “turnaround time stamps” and will omit the burden of manual data collection. This presentation therefore demonstrates how newest AI video stream technology will revolutionize the current Turnaround Management concepts into a highly efficient “Deep Turnaround”.&lt;br&gt;*Michael Muzik, Senior Product Consulting Operations Solutions, Lufthansa Systems&lt;br&gt;Marc Herzog, Senior Business Data Analyst, ZeroG</td>
<td><strong>MRO Workshop Session: M&amp;E / MRO System Health-Check</strong> (14:00 - 15:00)&lt;br&gt;The aviation industry is changing. New aircraft generate and deliver even greater, more complex and informative data streams. Industry regulations, operational costs and technology complexities continue to increase, and companies are constantly being challenged to do more with less. The performance of M&amp;E / MRO systems in supporting these challenges is critical to success for maintainers of aircraft (airlines, operators and MROs).&lt;br&gt;The workshop focuses on how to optimize the use of M&amp;E / MRO IT systems and covers the following key issues:&lt;br&gt;• How are your current M&amp;E / MRO systems and procedures performing, and are they used efficiently and to their full potential? Could additional functionality or modules increase efficiency?&lt;br&gt;• Do engineers and maintenance personnel have all the information they need to make timely decisions in order to carry out their work quickly and efficiently?&lt;br&gt;• How well is key data captured and is it used and shared seamlessly between disparate business systems and business partners?&lt;br&gt;• With new hardware and software technologies coming to market all the time, is your organization ready to benefit from and leverage processes such as: Big Data Analytics and electronic record keeping? Are you ready to eliminate whiteboards, spreadsheets and paper-based processes to manage key aspects of the business or to embrace new generation digital aircraft? Is this new technology even needed to support your operations?&lt;br&gt;*Workshop Hosted by: Glen Noon, Senior Consultant - Engineering IT Systems, Aircraft Commerce Consulting</td>
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<td><strong>14:30 - 15:00</strong> Artificial Intelligence Applications and Advanced Analytics in Aviation Operation&lt;br&gt;Applications have become the focus trait for AI and advanced analytics. Tangible benefits can be expected from the delivery of such applications in aviation operation. Through well-designed and quality production of solutions that leverages the enormous power of AI and advanced analytics, operators are able to realize material contributions to control their operations in superior ways. Data platforms are now available to fuel developments of these powerful technologies. This presentation includes the principles and applied considerations, as well as a typical roadmap for development and delivery of AI and advanced analytics applications that can be put into operation successfully, along with examples for aviation operation.&lt;br&gt;*Jahan Alamzad, Managing Principal, CA Advisor</td>
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<td>Time</td>
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<td>15:00 - 15:30</td>
<td><strong>REFRESHMENT BREAK – SOFTWARE DEMONSTRATIONS</strong></td>
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| 15:30 - 16:00 | **Vendor Keynote: Technology Developments and the e-Enabled Aircraft Data Generation**  
This presentation explores the growing aircraft connectivity requirements as mission and time critical communications generate GBytes of data every day, driving new integration challenges. You will see how to ensure an efficiency use of connectivity, ensure Cyber Security and privacy of data end-to-end, and how to adapt to meet the growth in data use cases, increased traffic and IT integration requirements.  
*Jean-Marie Begis, Product Line Director, CMC Electronics* |
| 16:00 - 16:30 | **Using Data Analysis to Calculate Fuel Burn and Operating Performance**  
With the global fleet slowly growing, knowing which aircraft perform better under particular operating conditions is crucial. This presentation looks at using key data analysis to compare the fuel burn and operating performance of comparable aircraft types, focusing on the A320neo, 737 MAX-8, 737-800 and A220-300. The same model can also be applied for wide-body aircraft, regional aircraft, etc.  
*Sander de Moor, Global Lead - Fuel Efficiency, Aircraft Commerce Consulting* |

**END OF CONFERENCE**
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attend for just one day.

CONTACT US
For more information contact:
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Tel: +44 1403 230 888
Fax: +44 1403 230 525

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(Number of delegates)

TOTAL USD $ 

IMPORTANT UPDATE ON HOTEL INFORMATION:
You can see details on the venue/hotel and how to book rooms at
http://www.aircraft-commerce.com/conferences/Americas2019/Venue

Pre-conference Workshop USD $250 – The pre-conference training workshop session takes place on the 10th June 2019, from 14:00 – 17:30 at the conference venue. Workshop title – Digital Transformation in Aviation. Click the following link for information: http://www.aircraft-commerce.com/conferences/Americas2019/Digital_Transformation_Workshop.asp

I wish to register: ☐ (number of delegates) TOTAL $ USD 

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

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Company VAT No. (EU companies only) ................................................. Expiry Date ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Security Code ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
“An excellent event. It was fantastic to meet with people who are at different points in a M&E selection, implementation and online process. So much knowledge in one spot”

Transport Canada

“Excellent. I found the conference to be very informative and relevant. The contacts we’ve made will likely prove very useful in improving the operations of US Airways”

Operations Manager, LAN Airlines

“The fact that all the major MRO IT software companies have been gathered together helped a lot of airlines and MROs that are looking for new maintenance software. The quality and the content of the presentations surpassed my expectations”

TAM Brazilian Airlines

“The value of this meeting was the focus and relevance of the topics to issue affecting commercial aviation at the present time”

Chief Pilot

US Airways

“Very good for networking and offers a broad prospective on the market. Flawlessly organised”

Boeing

“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