

AVIATION NEWSLETTER

EDITION 2 | 2023



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INDUSTRY COLLABORATION IS KEY



We have quickly reached mid-year with so many interesting topics driving our industry. The events schedule has been full and I am sure you have also attended many interesting industry events. The focus is very clear: the environment and sustainability. This is resulting in many actions from airlines, airports, ANSPs and all industry partners.

Airports are working diligently towards carbon net zero. At the end of May, ACI announced that over 500 airports were now actively engaged in addressing their impact on the climate, by way of the [Airport Carbon Accreditation](#) program.

Earlier this year, CANSO and ACI signed an MoU for an Airport System Capacity Enhancement (ASCE) program for closer levels of collaboration to promote the safe, sustainable, and efficient development of civil aviation. At its triennial assembly in October 2022, IACO adopted a long-term global aspirational goal (LTAG) of net-zero carbon emissions by 2050.

I recently returned from CANSO's ATM Summit and AGM. Some key takeaways from this event included the focus on industry collaboration and working together to enhance aviation efficiency, which was highlighted during a panel comprised of CANSO, ACI, IATA, ASA, and Austro Control. Additionally, rethinking the approach to growth and capacity on the ATM side was discussed by a panel including the FAA, Skyguide, JANS, ATNS and NATS.

And to conclude, at their June AGM, [IATA presented](#) that the industry is forecast to globally reach pre-pandemic passenger traffic levels in 2024. North America, Latin America and the Caribbean will reach this target during 2023 and the remaining world regions in 2024.

It is summer season here in the northern hemisphere. In Germany, where I am based, it has already been a hot one. Schools are breaking for the summer and holidays are starting for many of you. Hopefully, we will all have smooth travels this season.

Wishing you all a productive and successful second half of the year.

*Mark Rodrigues
Vice President, Aviation*

WORD FROM PRODUCT MANAGEMENT



As well as the usual monthly AviPLAN and Aircraft Data Viewer library updates, the past few months have seen the release of AeroSTRIFE 1.8, AirTOP 4.0.2 and SkySAFE 2.2.1. The SkySAFE update was particularly noteworthy, with support added for EASA, FAA, Canadian and German PAPI/APAPI obstacle clearance surface analysis, as well as AutoCAD® 2024, Civil 3D® 2024 and BricsCAD V23. As always, new updates and upgrades are in the pipeline for release over the coming weeks and months.

Our product team has also been working hard to bring our current and future users useful tips and tricks to make the most of their software. Check out [page 3](#) to read about our upcoming SkySAFE webinar *Analyzing obstacles at the airport and surrounding areas* and [page 4](#) to learn more about our recent AviPLAN webinar *How to solve common airside design and operational issues* and where to access the on-demand recording.

*James Renner
Director, Aviation Operations*

NEW LIVE SKYSAFE WEBINAR

Join Transoft Solutions' Senior Product Managers, [Michael Frost](#) and [Bernard Goodworth](#), for a new live webinar *Analyzing obstacles at the airport and surrounding areas* using the software, SkySAFE.

SkySAFE allows accurate and efficient analysis of obstacles, to ensure these do not penetrate or threaten the obstacle limitation surfaces defined in regulatory guidelines. Allowing airport planners to keep track of temporary and permanent obstacles within the airport and its flight path.

In the live webinar, the presenters will guide you through a typical workflow with basic concepts centering around how to:

- Set up the project**
Selecting necessary regional regulations (FAA, ICAO, EASA etc), to specify a design unit and provide the location of the Airport Reference Point.
- Build protected airspace surfaces**
Creating protected surfaces either independently for single surface analysis /visualization, or as part of a merged single surface model.
- Create and define runways**
Creating and classifying runways both geometrically and in relation to the supported flight operations at each end.
- Evaluate obstacles or terrains against protected airspace surfaces**
Visually demarking identified obstacle- or terrain penetrations into the protected airspace and producing detailed reports to assist in the process of mitigation planning.
- Import or create obstacles and terrain**
Drawing CAD elements or importing from delimited survey data to represent man-made or natural features that present a risk to the protected airspace or flight operations.
- Prepare graphics for documentation**
Labeling 3D surfaces with contour lines and labels, and producing cross-sections through the protected airspace and terrain.



JULY 11 | ANALYZING OBSTACLES AT THE AIRPORT AND SURROUNDING AREAS

CHOOSE WHICH SESSION TO JOIN

Learn how to analyze obstacles at the airport and within the vicinity by signing up for the live webinar today! To accommodate different time zones the webinar is offered over two sessions. Sign-up for the session that suits your schedule best.

SESSION 1

9 am BST | 10 am CEST | 12 pm GST

Presenter: Bernard Goodworth

[JOIN WEBINAR](#)

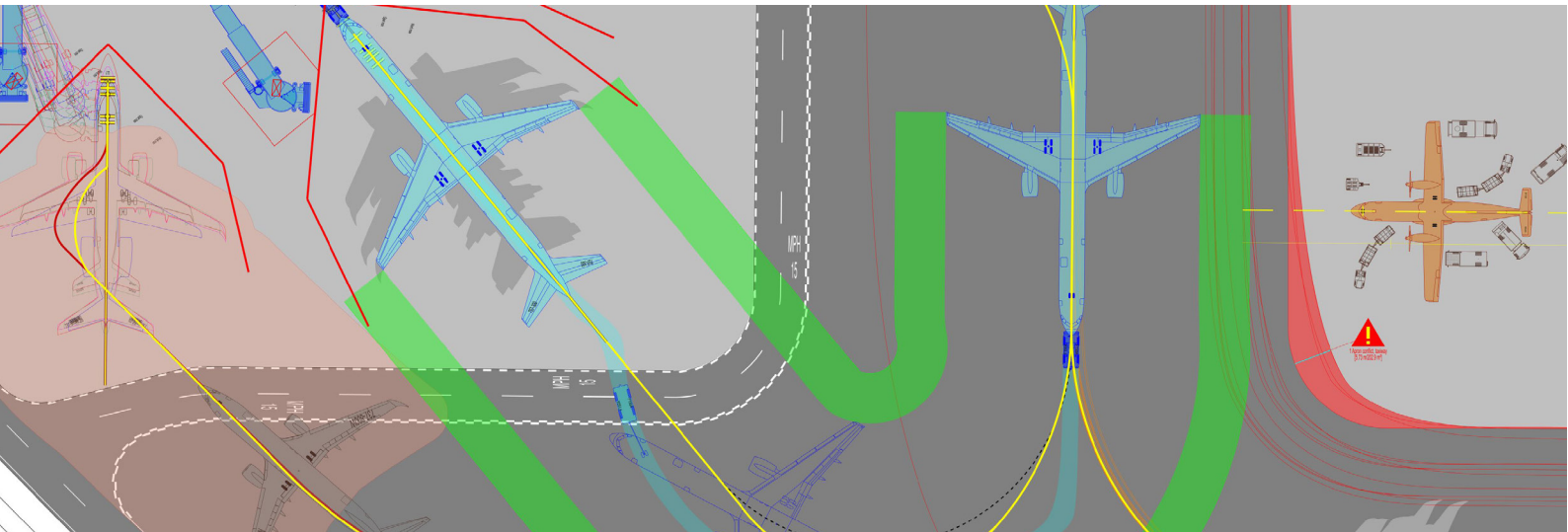
SESSION 2

11 am PDT | 2 pm EDT | 3 pm BRT

Presenter: Michael Frost

[JOIN WEBINAR](#)

HOW TO SOLVE COMMON AIRSIDE DESIGN AND OPERATIONAL ISSUES



View the on-demand webinar *How to solve common airside design and operational issues* and discover the solutions to common challenges when planning and operating an airport's apron, taxiway, or runway. Using AviPLAN software, Transsoft's Senior Product Manager, Bernard Goodworth, guides you through airside planning, design, and operational examples, demonstrating frequent issues faced and how to overcome them to achieve the best results. The webinar focuses on the following areas of application:

Design

AviPLAN can be applied to any number of airside design scenarios. See how the software's various commands help you discover and resolve expected problems in your designs, allowing for a smooth transition into initial operations.

Compliance

Discover how to save time on compliance issues with AviPLAN's analysis tool. Hear how the results of using the software's Group Path command provide vital information to resolve compliance issues.

Operations

Learn how to solve stand arrangement issues, not only when designing new parking arrangements, but when also modeling existing infrastructure. AviPLAN helps airports analyze the effects of ongoing and unforeseen operational changes.

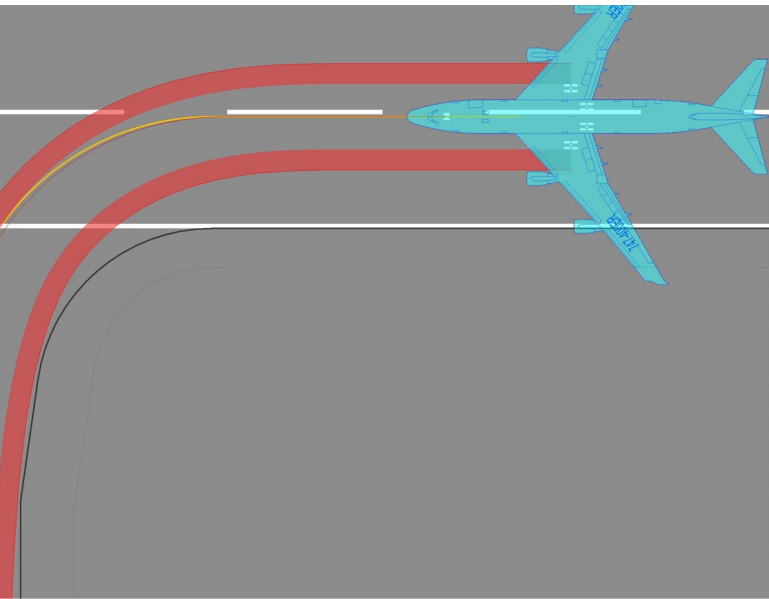
Presentation

Watch AviPLAN's video presentation capabilities to bring the process description and technical drawings to life in a concise video. Making it easier and safer for all those involved in aircraft turnaround operations to understand.

Learn more about the capabilities of
AviPLAN in the on-demand webinar

[WATCH NOW](#)

WEBINAR HIGHLIGHTS



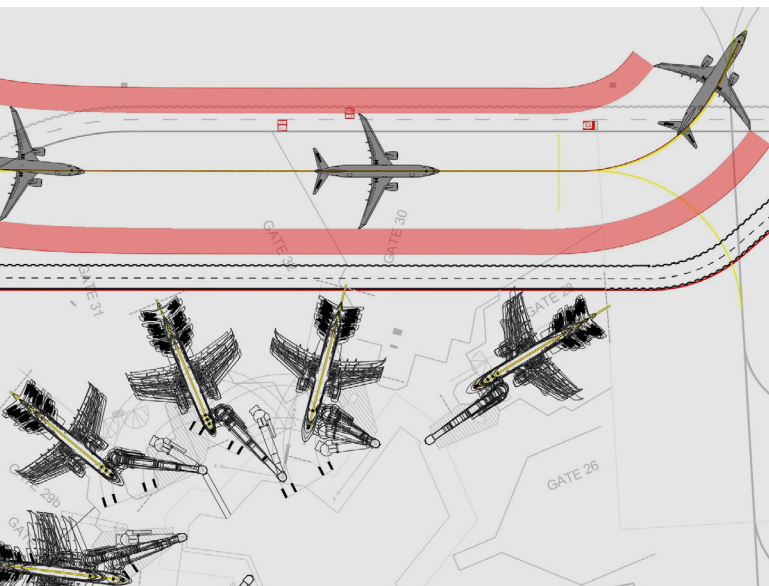
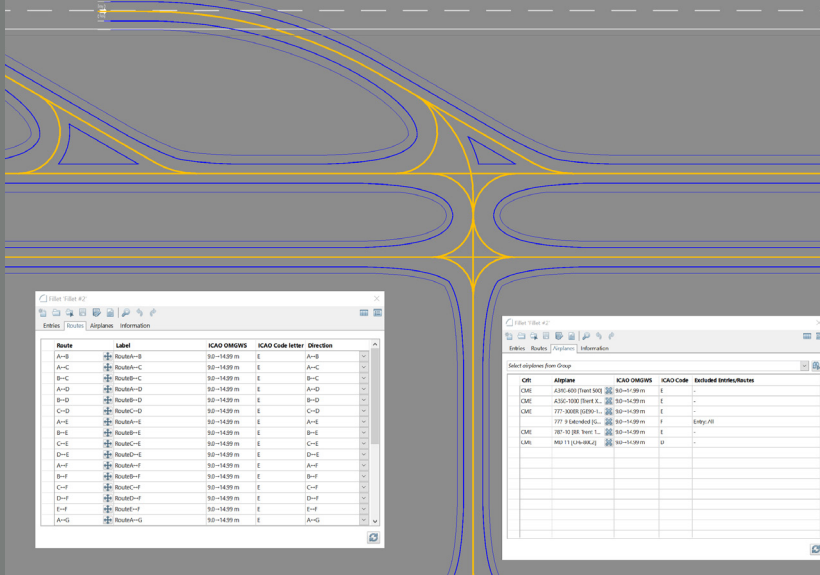
Taxiway design and infrastructure compliance

Learn how to check compliance and analyze secure routing or required fillet changes, to ensure safe passage for all airplanes using an airport's existing infrastructure.



Rapid drafting of complex taxiway intersections

See how to quickly design drafts of fillets at complex taxiway intersections, to efficiently and quickly prove your design complies with regulations and for all expected airplanes.



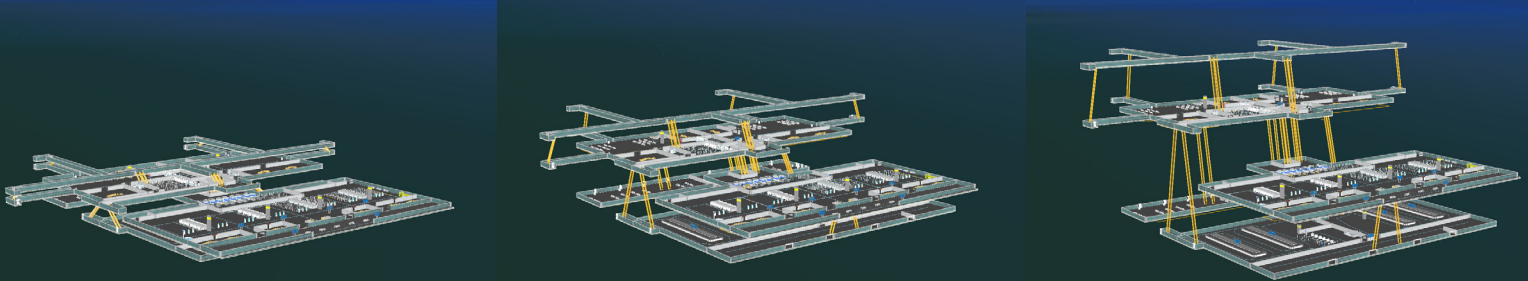
Reconfiguration of terminal stands to extend dual carriage taxiway

Understand how to extend dual carriage taxiways to enhance the efficiency of aircraft movements at airports, and improve safety by allowing simultaneous taxiing of multiple aircraft.

WATCH ON-DEMAND WEBINAR NOW

GET UP-TO-DATE WITH AIRTOP TERMINAL

Transoft is excited to announce the latest updates to its AirTOP Terminal module. Software users can precisely model, analyze, and visualize all passenger processes, in fast time, focusing on the passenger terminal as a whole or on individual facilities. The module offers dynamic features for operational analysis, allowing operations teams to understand the resources needed at any given time of the day.



Integrated map-based application - 3D View

Read on to discover the new features and improvements, including 3D view, dataset selection, behavior reproduction, rule setup, and a connection with the terminal-airside.

- ✓ Enjoy a clearer and more comprehensive view of each level of the passenger terminal. With the ability to increase the height between floor levels in 3D view, users can easily visualize and analyze the intricate details of their designs.
- ✓ It's no longer necessary to toggle between screens to activate or deactivate the Terminal Filter. The "Ignore Global Filter" option allows users to select datasets without the need for constant back-and-forth, saving valuable time and effort.
- ✓ It's now easier to set up and organize waiting area durations for optimal planning.
- ✓ Updates in the Terminal Processor Schedule Rule include the "Airport Usage Phase" option, which streamlines the configuration process for a smoother workflow.
- ✓ The connection between the AirTOP Terminal and AirTOP Airside modules has also been improved. You can set gates to open before departure flights reach the parking position, and, when running Terminal only, aircraft with two consecutive arrivals to, or two consecutive departures from, the same airport will be allowed.



DESIGN COMPLEX MARKINGS WITH EASE

Being able to visualize your drawings is important for any marking design project and AeroSTRIFE makes this possible. AeroSTRIFE, the airside marking design tool, lets you draw complex runway, taxiway, and apron markings quickly, accurately, and in accordance with regulatory standards.

AeroSTRIFE features various tools that allow you to quickly generate 3D visualizations and provide views from any viewpoint in the drawing. With its impressive libraries of both ICAO and FAA markings, standard road text markings, and pre-drawn symbols, the tool offers a range of features that will significantly improve the way you manage your airside marking projects.

AEROSTRIPE FEATURES



Uses rule-based markings to ensure adherence to ICAO and FAA standards.



Quantity schedules can be extracted for costing.



Comes with a comprehensive set of airside-appropriate symbols, text, arrows and line types.



3D view routines ensure markings are clearly seen and understood.



Flexible labeling routines allow for a design to be annotated, using pre-defined and editable text.

Transoft strives to keep its software up to date with the latest industry standards, and the latest release of AeroSTRIFE 1.8 introduces support for AutoCAD 2024 and its vertical platforms, including AutoCAD and Autodesk Civil 3D.



**FOR MORE ON AEROSTRIPE VISIT OUR
WEBSITE OR FEEL FREE TO CONTACT US**

BOOK YOUR AVIPLAN TRAINING COURSE

Transoft is pleased to be offering both classroom-based and online public training courses for its airside design and planning software, AviPLAN, this year. Whether you're a novice or an experienced user, our training options provide a convenient way to get the most from your aviation software investment. Take a look at the upcoming courses below and level up your AviPLAN skills.

CLASSROOM TRAINING

Join our 3-day classroom-based training course, led by one of Transoft's Senior Product Managers, and take your software skills to the next level. This program combines software essentials and theory, including topics like Group Path, Park, Fillet, and much more, to ensure that you fully maximize the potential of your AviPLAN software. By the end of the course, you will have the knowledge to use the tools properly to achieve accurate and reliable results.

Classroom-based training helps you learn and enhance your software skills, and it is open to all AviPLAN users. See below for where, when, and how to get more details about our next AviPLAN Essentials course.

AviPLAN Essentials Course Fundamentals of Airside Planning and Design



SYDNEY, AUSTRALIA
September 20 - 22, 2023

[GET MORE DETAILS AND REGISTER](#)

ONLINE TRAINING

Alternatively, if you want to improve or refresh your AviPLAN skills, choose between one or both of our AviPLAN Essentials online courses. All sessions are led by an experienced Transoft Product Manager, who will guide you through important AviPLAN features and proper usage to help you get the most out of your software.

Aircraft Path Simulation and Parking

Date September 13 - 14
(9am-11am BST | 10am-12pm CEST)

[REGISTER HERE](#)

Contact and Remote Stand Planning

Date November 7 - 8
(9am-11am BST | 10am-12pm CEST)

[REGISTER HERE](#)

EVENTS ROUND-UP



ACI Asia-Pacific Regional Assembly, Conference and Exhibition in Kobe, Japan



Airport Show Dubai, UAE

Airport Show Dubai

Between May 9-11, 2023, Transoft's team of Andrew Taylor, Director of Regional Sales (EMEA), and Mark Rodrigues, Vice President of Aviation, hosted our booth at the Airport Show in Dubai. The Airport Show showcased the latest innovations and advancements in the aviation industry. The event attracted professionals, experts, and enthusiasts from around the world, making it a hub for networking and knowledge exchange.

This year's Airport Show was particularly focused on highlighting technologies and solutions that enhance airport operations, passenger experiences, and overall efficiency.

ACI Asia-Pacific Regional Assembly, Conference and Exhibition

The ACI Asia-Pacific Regional Assembly, Conference and Exhibition took place in Kobe, Japan between May 16-18, 2023. The event's conference focused on airports' approach to net zero as well as moving from recovery to global leadership across the region.

Transoft's booth was jointly staffed by Mark Rodrigues and our partner in Japan, Sannect

Co. represented by Mr. Seiichi Matsui. The event was very well attended by airports and ACI World Business Partners. We had very thoughtful interactions and many enjoyable discussions. Imagine operating an 80-gate seaplane facility at your airport!

ACI EUROPE / WORLD Annual General Assembly, Conference and Exhibition

In June, Ben van Leest, Executive Vice President (BU), and Mark Rodrigues, were among the attendees at the ACI WAGA meeting held in Barcelona on June 26-28, 2023. This event brought together key stakeholders and experts from the aviation community to share and discuss their best practices, exchange ideas, and explore innovative solutions for the challenges facing the aviation sector.

**TO MEET UP WITH US AT OTHER EVENTS
THIS YEAR, TAKE A LOOK AT PAGE 11**

MEET THE AVIATION TEAM



Siva Vennapusa

Product Specialist
Gothenburg

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Siva holds an MSc in Industrial Systems Engineering from the University of Skövde in Sweden. Before joining Transoft over three years ago, Siva completed his bachelor's and master's degrees in Aeronautical Engineering in India and worked as a lecturer at an Engineering school for a few years.

What is your role at Transoft Solutions?

As a Product Specialist in the Product Management team, my responsibilities are diverse. They include release management, customer support, driving product improvement, and facilitating effective communication among stakeholders throughout the software product's lifecycle. I also maintain the Aviation library, which contains digital models of airplanes, helicopters/VTOLs (vertical take-off and landing), PBBs (Passenger Boarding Bridge), and GSEs (Ground Support Equipment).

What developments do you see within the Aviation industry?

In terms of aviation developments, two areas catch my attention: sustainable aviation and urban air mobility. While electric aviation faces challenges in range and battery technology, I believe sustainable aviation fuel will play

a crucial role in reducing carbon emissions. Airlines and airports are actively adopting digital tools and technologies to optimize various parameters and achieve fuel savings. Urban Air Mobility (UAM) is also gaining momentum, especially with the buzz surrounding eVTOL. It will be fascinating to witness the technological advancements required to safely accommodate and manage these vehicles in urban airspace.

What are you working on right now?

Currently, my primary responsibility revolves around conducting quality checks on the Aviation library as part of my regular tasks. I also add new objects to the library based on user requests and verify and update existing library data from the latest release of Aircraft manufacturers' Airplane Characteristics for Airport Planning (ACAPs). These tasks are carried out routinely, with new releases typically occurring monthly.

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 AIRTOP™

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 SKYSAFE™

Download SkySAFE 2.2.1 from the My Transoft Portal

UPCOMING EVENTS

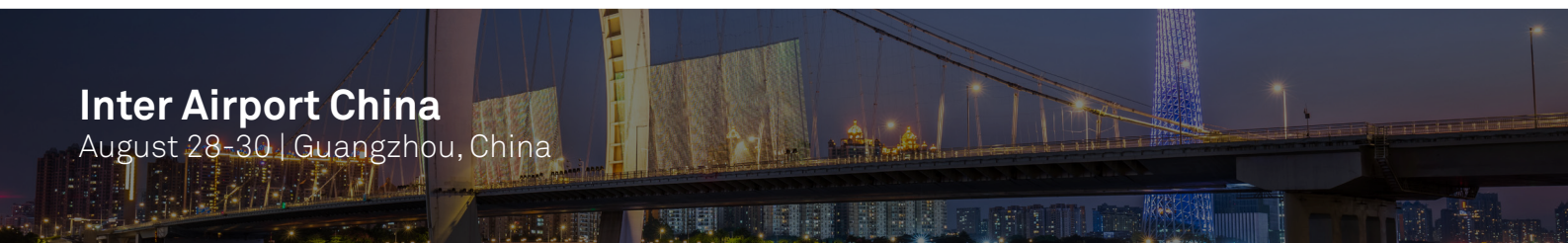


**Smart Airport & Regions
Conference & Exhibition**
July 19-21 | Edmonton, Alberta, Canada



Don't miss Mark Rodrigues join the discussion, July 19

Topic: Preparing for 2030 and beyond

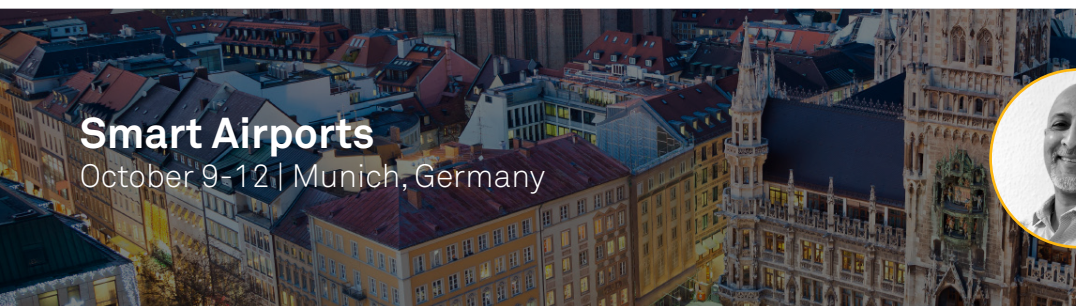


Inter Airport China
August 28-30 | Guangzhou, China




Inter Airport Europe
October 10-13 | Munich, Germany

Booth #B6-910



Smart Airports
October 9-12 | Munich, Germany



Mark Rodrigues will moderate a discussion on October 10

Topic: Airport infrastructure 2.0

CONNECT WITH THE TEAM

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150 countries
& 14 offices
globally

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