

Free FAC Webinar Nov. 18, 2021

Simplify Digital Transformation of your Airport Operations and Business Processes

12:00 pm - 1:30 pm (EST)



SPECIAL FAC WEBINAR FEATURING 3 EDUCATIONAL CASE STUDIES FROM:

1. VALLEY INTERNATIONAL AIRPORT (HRL)
2. ORLANDO INTERNATIONAL AIRPORT (MCO)
3. CITY OF ORLANDO

Powered by:



1511 E State Rd 434 Suite 3033
Winter Soring, FL, 327087



info@epicgroupllc.com
www.epicgroupllc.com

FAC Webinar Title:

Simplify Digital Transformation of your Airport Operations and Business Processes:

Case Studies from Valley International Airport (HRL), Orlando International Airport (MCO), and the City of Orlando.

Abstract:

Managing airport operations and infrastructure is a very challenging job. However, the systems and processes to support these activities do not need to be complex nor expensive. This educational case studies webinar will present how HRL, MCO, and the City of Orlando have simplified their operations and infrastructure management processes by leveraging the Simplify i3® Platform, and interactively share their experiences along the digital transformation journey.

Simplify i3® is a new, affordable, state-of-the-art, Microsoft Azure Gov Cloud Software as a Service (SaaS) platform for airports, municipalities, utilities, school districts, and other infrastructure owners. Built using industry-leading technologies from Google, Microsoft, Esri and Apple, Simplify i3® makes Digital Transformation fast, easy and affordable.

Case Study Examples to be Reviewed:

1. HRL Case Study:

- (a) Part-139 Inspections (e.g., Airfield, Fueler)
- (b) Part-139 Maintenance Work Orders
- (c) Part-139 Training Compliance
- (d) Part-139 FAA Audit Reporting

2. MCO Case Study:

- (a) Tank Inventory Management and Administration
- (b) Environmental Inspections (Monthly Inspections, Tests and Regulatory Inspections)

3. City of Orlando Case Study:

- (a) Public Works Service Request Management
- (b) Public Works Work Management
- (c) Streamlining Multiple Data Management and Reporting Efforts

4. Other Airport Examples:

- (a) Daily Operations Log
- (b) Incident Reporting & Resolution Management
- (c) SMS Tracking and Root Cause Analysis

FAC Webinar Information

Thursday, November 18, 2021

12:00 p.m. (EST) - 1:30 p.m. (EST)

Click Here to Register



1511 E State Rd 434 Suite 3033
Winter Spring, FL, 327087



info@epicgroupllc.com
www.epicgroupllc.com

Presenter Bios:

Bryan Wren

Bryan Wren has been the Assistant Director of Aviation at Valley International Airport (HRL) in Harlingen Texas since 2008. Prior to that, he worked for the Houston Airport System in operations at Ellington Field and William P. Hobby Airports in Houston, Texas. Mr. Wren served in Alaska and in Iraq as a member of the U.S. Air Force as a staff sergeant and later in the Texas Air National Guard. Mr. Wren holds a bachelor's degree in Professional Aeronautics and a master's degree in Aeronautical Safety from Embry-Riddle Aeronautical University. He has completed various industry related training programs, including AAAE's Basic and Advanced Airport Safety, Airport Planning, and various FEMA emergency management courses. Mr. Wren currently resides in Harlingen, Texas with his wife and four children.



Joshua Wenzel

Joshua Wenzel holds the rank of Captain in the Harlingen, Texas Fire Department and is responsible for Aircraft Rescue and Fire Fighting (ARFF) operations at Harlingen's Valley International Airport (HRL). In this capacity, Captain Wenzel is responsible for maintaining around the clock readiness of both ARFF personnel and equipment at HRL's aircraft rescue fire station. He has served with the Harlingen Fire Department for 15 years, advancing as a Firefighter from structural fire suppression to Driver to earning his ARFF certification and joining the ARFF unit at HRL, then becoming a Lieutenant where he commanded an engine company for 6 years. In 2020 he was promoted to Captain and was placed in charge of ARFF operations at HRL. Josh has earned multiple certifications from the Texas Commission on Fire Protection including, Master Firefighter, HAZMAT Technician, and Instructor Level 3. Prior to the fire service he played college baseball at Eastfield Community College, in Dallas, Texas, where he earned an Associate's Degree in Applied Science. Captain Wenzel is currently living in McAllen, Texas with his Wife and two children.



Keith Rivera

Keith Rivera is an experienced environmental scientist with over 25 years' experience in environmental regulation and water quality best management practices (BMPs) for storm-water systems. He currently serves as an Environmental Specialist at the Greater Orlando Aviation Authority (GOAA) within the Planning and Development Department. Keith's role with the Authority is to assist in compliance with local, state, and federal regulations for all environmental aspects applicable to airport activities. Keith graduated from the University of Central Florida with his Bachelor of Science degree in Biology. Prior to joining GOAA, Keith worked for the Florida Department of Environmental Protection (FDEP) in the submerged lands program. Keith's extensive exposure to engineering design firms led him to become an accredited provider from "International Accreditors for Continuing Education and Training" (IACET). IACET follows the American National Standards Institute (ANSI) for continuing education and training. Keith has provided continuing education training seminars throughout the engineering and architectural communities on storm-water hydraulic calculation, material use in design, and water quality BMPs applications for storm-water product specifications. Keith has also performed Incident Command duties as a First Responder. Keith graduated from the University of Central Florida with a bachelor's degree in Biology.



Lydia Wing

Lydia Wing is a Senior Project Manager with Terracon, with 28 years of experience in environmental consulting. She specializes in providing land development strategies, environmental permitting, and assisting associated construction projects; specifically, facilitating interface amongst all stakeholders of land development and land reuse projects to implement environmental solutions successfully. Her project experience includes environmental compliance and permitting (NPDES, SWPP and BMP, RCRA, SPCC, WMD, FDEP and local municipal dewatering and discharge); Industrial discharge characterization and permitting; waste characterization and waste management; contamination assessment and Initial remedial activities; attenuation monitoring and landfill monitoring; baseline environmental impact studies and due diligence, and engineering and design services (assessment plans and feasibility studies, bid document preparation, procurement and evaluation, construction oversight, operations and maintenance). She is a qualified continuing education instructor and has provided training to over 500 professionals to develop cost-effective and timely permitting strategies for construction dewatering and discharge in environmentally sensitive areas. Ms. Wing has a bachelor's degree in Geology and in Engineering Geology from the University of Pretoria, South Africa. Ms. Wing has been a member of Women in Aviation since 2008.



Howard Elkin

Howard Elkin serves as the Division Manager for the City of Orlando Streets & Stormwater Division. In this capacity, he is responsible for the overall management, administration and oversight for the budgeting, planning, organization and management of the stormwater utility infrastructure and street maintenance. He has extensive hands-on experience in all aspects of infrastructure project planning, estimation, construction, management and oversight. He has also worked in the private sector and has managed several multi million dollar infrastructure projects. He is a firm believer in simplifying and streamlining business processes and in making data collection activities simpler and smarter for field staff.



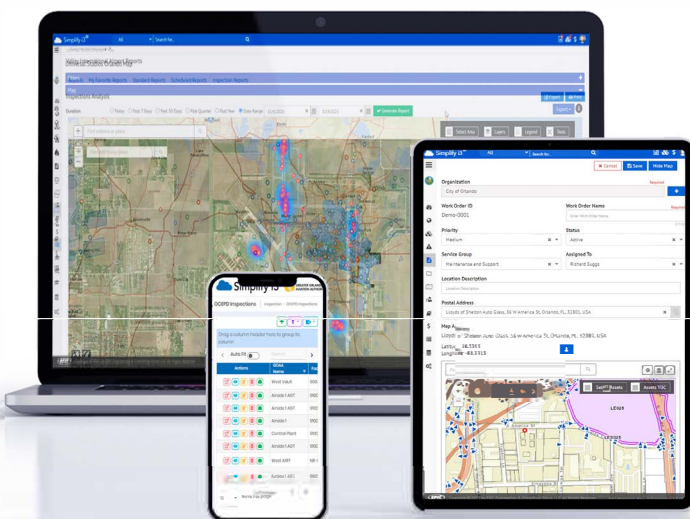
David Tamir

David Tamir is EPIC's Senior Systems Engineer for Aviation. David brings 37 years of experience from the Space Shuttle Program, nearly 30 airports, the FAA, and the Civil Aviation Authority of Singapore (CAAS). David has re-engineered and improved hundreds of airport business processes, leveraging technology appropriately. David has led implementations of various integrated technology solutions at airports including: digital twin and enterprise geospatial information systems, passenger processing systems, asset, maintenance and lease management systems, command & control situational awareness systems, enterprise document/drawing management systems, project/program management systems, and airport business process modeling and workflow automation systems for finance, planning, engineering, construction, operations, maintenance, IT, administration, etc. David is applying EPIC's Simplify i3© (integrated infrastructure intelligence) cloud-based platform for use by small, medium, and large airports, to improve airport planning (including environmental and noise management), Architectural-Engineering-Construction (AEC) projects, and Operations and Maintenance (O&M) including part-139 inspections, training management, and more. David has earned his bachelor's degree in Aeronautical Engineering from Cal Poly San Luis Obispo and his master's degree in Systems Engineering from Florida Institute of Technology.



Prasad Chittaluru

Prasad Chittaluru is the Founder, President & CEO of EPIC Engineering & Consulting Group (EPIC), based in Winter Springs Florida. EPIC is a proud recipient of the prestigious National Science Foundation Small Business Innovation Research award that led to the development of the Simplify i3® solution. EPIC is a Florida-based Small Business, Minority Business and Disadvantaged Business Enterprise (SBE, MBE, DBE). Prasad's fundamental principle and passion driving his work activities is to "Simplify". Whether it is a workflow, business process, field activity or compliance task, Prasad looks for finding a solution that simplifies work for all stakeholders and delivers a positive outcome. Prasad has led such solutions for the Greater Orlando Aviation Authority (GOAA), Florida Department of Transportation (FDOT), and over 400 other projects primarily focused on local government clients in the Florida region. Prasad's specialties include business process review, analysis and optimization, Information Technology (IT), software development, Geospatial Information Systems (GIS), systems integration, systems architecture, asset management, and infrastructure information management. Prasad has earned his Ph.D. in Civil & Environmental Engineering from the University of Miami.



1511 E State Rd 434 Suite 3033
Winter Soring, FL, 327087



info@epicgroupllc.com
www.epicgroupllc.com