The concept of blockchain emerged about 10 years ago as the architecture underlying the cryptocurrency Bitcoin. Since then, blockchain has evolved into a technology with the potential to transform a range of industries by securing the exchange of privacy, establishing provenance, facilitating data sharing, and creating value through transactions in completely new, safe, and efficient ways.

Blockchain has numerous relevant applications for airport operations, including managing challenges associated with COVID-19: tracking cargo such as critical medical supplies, ensuring provenance of public health-related resources, securing the privacy of passenger infection status, supporting contact tracing, and more.

This virtual ACRP Insight Event is structured to provide airport stakeholders with a basic understanding of blockchain, a glimpse into how airports are currently using it to improve operations and customer experience, and insights into potential blockchain innovations for managing new public health challenges to airport operations.

DAY 1: BLOCKCHAIN AND AIRPORTS
- Opening Remarks and Setting the Stage
- What Is Blockchain and How Is It Relevant to Airports?
- Blockchain Applications in Use at Airports - Customer-Facing Applications
- Blockchain Applications in Use at Airports - Operations-Facing Applications

DAY 2: BLOCKCHAIN, AIRPORT OPERATIONS, AND COVID-19 RESPONSE
- Provenance Tracking
- Data Sharing
- Privacy Concerns
- Where Do We Go From Here?

Register Today for this free event!

What is the Airport Cooperative Research Program?
The Airport Cooperative Research Program (ACRP) is an industry-driven, applied research program that develops near-term, practical solutions to problems faced by airport operators. ACRP is managed by the Transportation Research Board (TRB) of the National Academies of Sciences, Engineering, and Medicine and is sponsored by the Federal Aviation Administration (FAA). ACRP’s Insight Events bring together airport industry leaders, subject matter experts, and researchers from fields related to the event topic to explore and discuss issues and insights on select topics of significance to airport operators.