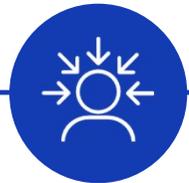# Use case: BICS IoT solutions for airlines
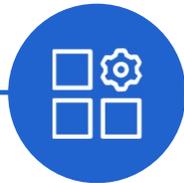## The challenge

For an optimized IoT business model, airlines need reliable and cost-effective global connectivity.

Customer context

- Global airline industry worth $776.86 billion in 2021
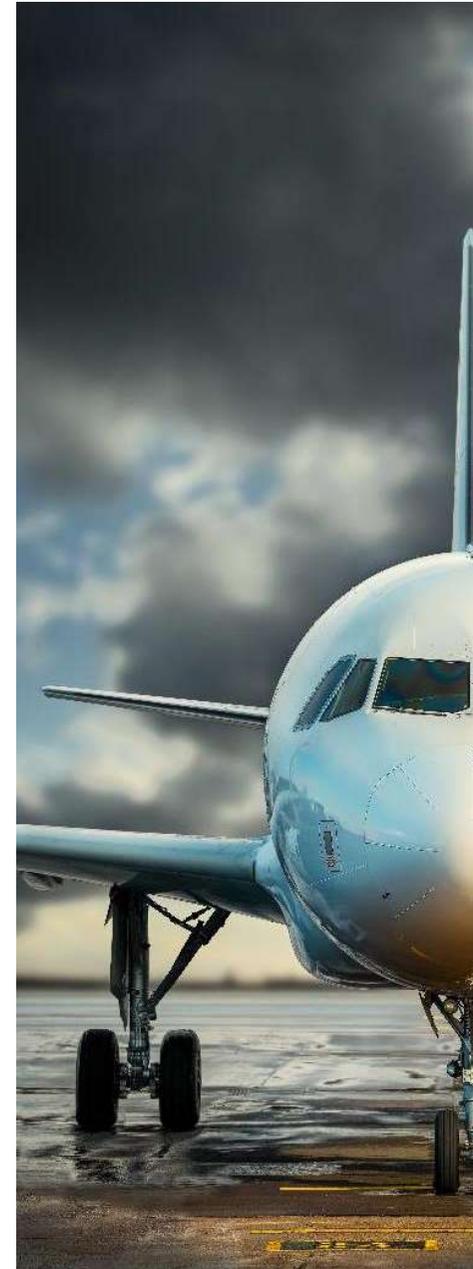- Market expected to grow at 21.4% till 2028

Airline applications

- Onboard access and management of passenger data
- Global tracking of baggage and cargo
- On-board entertainment updates
- Real-time route planning and support
- Aircraft and emissions monitoring and maintenance

IoT connectivity requirements

- Worldwide multi-network coverage
- Top-grade quality of service
- Highly reliable and secure network infrastructure
- Real-time connectivity management
- End-to-end data security

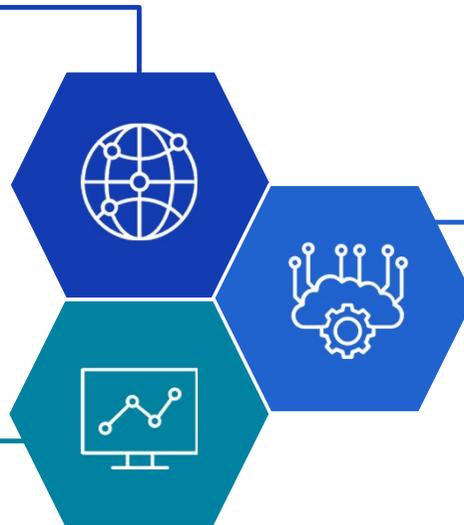# Use case: BICS IoT solutions for airlines
The solution

BICS SIM for Things offers cost effective worldwide connectivity

Reliable, secure global connectivity

- Built-in connectivity across **700 networks in 200 countries**
- Ubiquitous coverage
  - optimize the passenger experience
  - improve processes for cabin crew
  - connect sensors
- Assured **security**
  - global IPX network
  - private IPX access services

Global cost optimization

- Cost structure with high granularity
- Support for **pay-as-you-grow** business model
- Unique **roaming exchange platform** and longstanding commercial relationships enable optimization of costs
- Easily **scalable** connectivity
- **24/7 support** anywhere in the world

Ease of deployment and management

- **API-based** deployment, integration and management for easy rollout of new services and support
- **Instant visibility** of connectivity issues
- **Streamlined connectivity setup** with one SIM and one platform

Results

- Streamlined terminal and transportation processes
- Superior passenger experience
- Secure management of connected sensors, terminals, and devices
- Profitable and sustainable connected business

17/12/2021