



**smaRTE** **BY** **FLEX**  
SOLUTIONS **3** DIGITAL

SMARTE ASSET MANAGEMENT

AVIATION

"REAL-TIME OPERATIONAL EXCELLENCE"

# FLEX SMARTER SOLUTIONS

## FLAWLESS EXECUTION THROUGH DIGITAL MASTERY

We will help you to maximise your organisation's Return on Operational Assets (RoOA). This means that we enable you to operate your assets as effectively and efficiently as possible, while also ensuring they are healthy and safe. In this way, you reduce your operational costs and risks, becoming far more profitable as a result.

We can achieve this through one or more of our six "smARTE solutions" that have been built using a combination of our leading-edge, digital technologies and are focused around our "Real-Time Operational Excellence (RTE)" mantra.



$$\frac{\text{Operating Income}}{\text{Average Operating Assets}} = \text{RETURN ON OPERATING ASSETS} \uparrow$$



# SMARTER ASSETS

## MAXIMISE THE RETURN ON YOUR AVIATION ASSETS

Airports and airlines constitute a range of airside and landside assets such as airfields, runways and taxiways, aerobridges, transit systems, refuelling facilities, buildings, baggage handling systems, parking garages, air navigation aids, and associated mechanical and electrical infrastructure that require efficient asset management. These assets and equipment are crucial to providing an exceptional experience for all passengers. These critical assets also generate the organisation's revenue and keep it profitable in one of the world's most competitive markets.

It is therefore critical that an effective digital asset management solution be employed to optimise the management of these assets and assist in maintaining airport facilities, managing fleets and optimising the total cost of airport and airline ownership, as well as enhancing the passenger experience.

The optimal operational management of all physical assets is therefore crucial and can be separated into 3 main areas:

1. Indoor Asset Tracking and Management
2. Outdoor Asset Tracking and Management
3. Asset Uptime, Health and Safety

### OUR SOLUTION

FLEX Digital provides comprehensive operational asset management solutions. Our ability to provide passive and active, indoor and outdoor asset tracking and health & safety monitoring through our single, integrated digital platform sets us apart. We leverage a combination of various innovative technologies to achieve this. Examples include RFID, BLE, UWB, IoT, OT CyberSecurity, and Artificial Intelligence.





# SMARTER ASSETS

## OUR SMARTER SOLUTION



## THE OPERATIONAL BENEFITS:

- Reduce time to identify, verify, and count assets by more than **85%**
- Improve asset register accuracy to at least **99%**
- Increase asset movement control and accountability to more than **95%**
- **100%** real-time location of all critical, moveable assets, including employees and transport vehicles.
- **100%** real-time monitoring of mission-critical airport assets to alarm on failure and therefore, improve asset uptime & reliability to more than **95%**





# SMARTER ASSETS

## THE POSITIVE FINANCIAL IMPACT:

- Reduce asset identification, verification & counting labour costs by up to **85%**
- Reduce labour time costs to locate assets by at least **45%**
- Reduced asset loss and theft costs by as much as **75%**
- Reduce asset downtime risks and costs by up to **82%**
- Reduce asset cyber security attacks and related costs by as much as **100%**

**ROI < 1 YEAR!**

**INCREASE ROOA  
BY 10% OR MORE**

**CONTACT US TO FIND OUT MORE!**



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