SACOS

Improving Safety & Efficiency

22 August 2023

Smart Airport Certification & Operations Software

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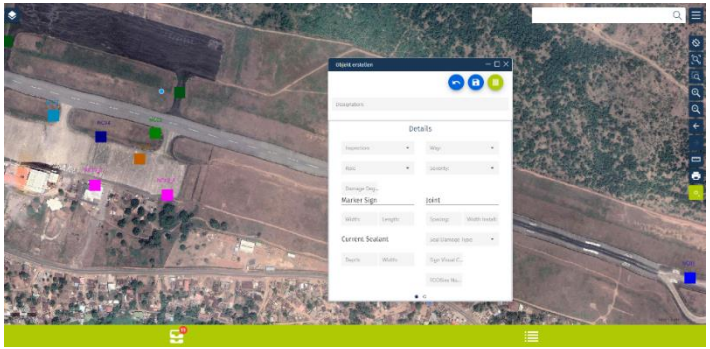
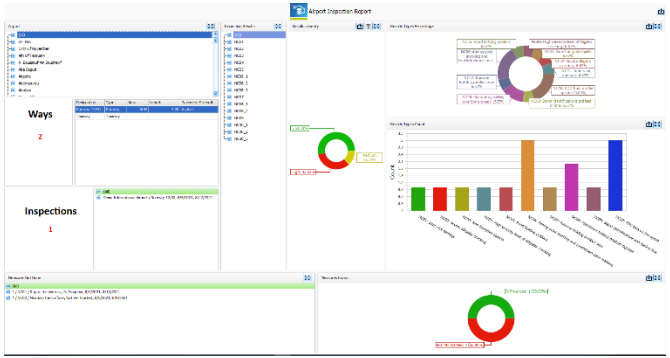
A Dire Need

- Digitalise airport processes to improve efficiency and safety
- Help African airports with the airport certification process
- Ensure a one-stop-platform for all operational and maintenance tasks
- Consolide a database of records, consultations, statistics and trend analysis
- Provide a paperless environment
- Give a high level overview for the leadership of airports



Objectives

- Airside inspection recording
- Reporting of all occurrences for the purpose of maintenance or records
- Safety Management System implementation
- Airport Certification process
- Tracking of all occurrences by the leadership
- High level dashboard for the executives allowing a quick snapshot and for the decision-making process



Next Steps

- Deployment of prototype and fine-tuning at Blaise Diagne International Airport, Dakar, Senegal as from September 2023
- Deploy module 1 of software - Inspection at ACI Africa member airports as from beginning of 2024
- Continue development of additional modules of the software for deployment towards mid 2024

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ACI Africa Initiatives on Decarbonising Aviation