

# AEROSPACE & DEFENSE REVIEW

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## AVIATION EDITION



# DT360<sup>+</sup>

G R O U P

## Streamlining IT Development for Day-to-Day Airport Operations

**A**irports of the future will be more efficient through digital transformation, being truly connected, driving more efficient operations, and supporting sustainability. That said, while air traffic control and in-flight technology have significantly advanced, airport maintenance is yet to fully embrace digital transformation. Since 2015, Digital Technology 360° (TD360°) has fulfilled these flight and airport requirements by developing computer applications dedicated to digitizing aeronautical grooming operations. The TD360 Group's software helps commercial and civil aeronautics improve and streamline internal day-to-day airport processes, including maintenance operations, security, baggage handling, and more. Furthermore, based in Santiago, Chile, its ten-year experience in Chilean industrial markets makes TD360 Group an ideal partner to help commercial and civil aeronautics across South America.

TD360 Group provides one year of consulting to identify issues and possibilities of how the cleaning operation works inside and on the way to the aircraft. It controls all the grooming processes, from arrival to departure of the aircraft. Similarly, TD360 Group's web platform, Clean Aviation Software (CAS), can be connected to a mobile application for the management and execution of aircraft grooming. This platform can be connected to airports' public blackboards, generating total traceability in the plane's cleaning process, from its assignment and execution to quality control and administration of executed services. In addition, TD360 Group also provides a baggage aviation system (BAS) that facilitates overall baggage handling efficiency and enhances an airline's service toward passengers. The mobile app enables users (both passengers and crew) to monitor and track baggage via unique barcodes throughout the luggage loading and unloading process.

TD360 Group is at the forefront of aircraft grooming management and execution with its broad vision of internal operations and consideration of all technological edges for the constant improvement of airport services. Having participated in various digitization processes of airports throughout the South American region, Colombia, Ecuador, Peru, and Chile are the major countries where TD360 Group generates, develops,

and implements innovative aviation projects for each industry's growth.

"We are working on exporting our software, the first server of CAS and the baggage software to countries like America and Mexico," says Sebastian Paredes Larrain, partner, and managing director at TD360 Group.

Currently, TD360 Group is discussing the implementation phases of the baggage tracking mobile app to enhance passenger convenience. This app will be available for free download on the Google Play store.

Not just that.

The organization has also developed similar software for the road transport of heavy cargo and the movement of materials. TD360 Group aims to provide specialized tracking information through a carrier, programming software for cargo tracking, control, and traceability, including truck movements, performance indicators, and drivers' behavior.



**WE ARE WORKING ON EXPORTING  
 OUR SOFTWARE, THE FIRST  
 SERVER OF CAS AND THE BAGGAGE  
 SOFTWARE TO COUNTRIES LIKE  
 AMERICA AND MEXICO**



TD360 Group has positioned itself among its clients as a trusted partner in integrating IT efficiency across various industries. It has developed software for refineries, healthcare institutions, the education sector, insurance companies, industrial cleaning, home automation, payment gateways, and more. TD360 Group's specialist Business Intelligence consultants, with their extensive experience and comprehensive knowledge base, enable each client to adapt to new processes, resulting in large-scale developments in today's highly competitive and ever-dynamic business environments. **AD**