

GA Telesis - Cloud Automation To 100x Document Processing Speeds

SZNS Solutions created a unique, custom cloud-based automation for GA Telesis that significantly reduced a manual document processing workflow, allowing GA Telesis to save time and increase business output.

The challenge

GA Telesis, as an industry leading aviation aftermarket parts supplier, must adhere to strict aviation industry guidelines surrounding documentation. The GA Telesis team largely relied on a manual and labor-intensive process to ensure compliance for all relevant documentation. It would normally take 1 team member several hours. They wanted to automate this to increase efficiency.

The solution

The SZNS Solutions team created an automated workflow that is based on a GCP hosted API using Cloud Run, PubSub, and Cloud Storage. The GA Telesis user calls specific endpoints that trigger specific workflows that is served as Cloud Run jobs. The pipeline has several built-in validation tests and failover logic to handle any issues that arise. The SZNS team also built notifications around Logging.

The result

SZNS Solutions helped increase productivity for GA Telesis by improving their previous document process flow by several orders of magnitude. The previous manual process completed approximately 20 documents per day. With the new automation process that the SZNS team built, GA Telesis can now process 10 documents per minute, a 71,900% improvement!

“ The SZNS Solutions team was extremely agile and sharp in diving deep to understand our existing processes and challenges. They were able to build a custom solution for us that truly changes some of our business processes for the better. We can now focus on other projects, and we've already started working on some exciting AI explorations with the SZNS team! ”

Mario Alberto, Senior Developer at GA Telesis



About GA Telesis, LLC

About GA Telesis, LLC: GA Telesis, a global leader in aerospace solutions, is renowned for its unmatched excellence in aftermarket services and lifecycle management. The GA Telesis Ecosystem™ is a vast global network spanning 36 locations in 22 countries on six continents.

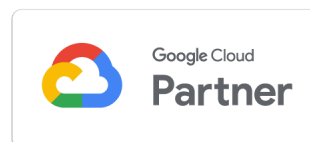
Vertical/horizontal solution: Manufacturing & Industrial

Primary project location: United States



About SZNS Solutions LLC

SZNS Solutions is a GCP Partner with deep engineering expertise on building cloud-native solutions and solving difficult technical problems.



Products

Google Cloud Platform