KGiSL

CASE STUDY

DRONE IMAGE STITCHING & EDITING SERVICES
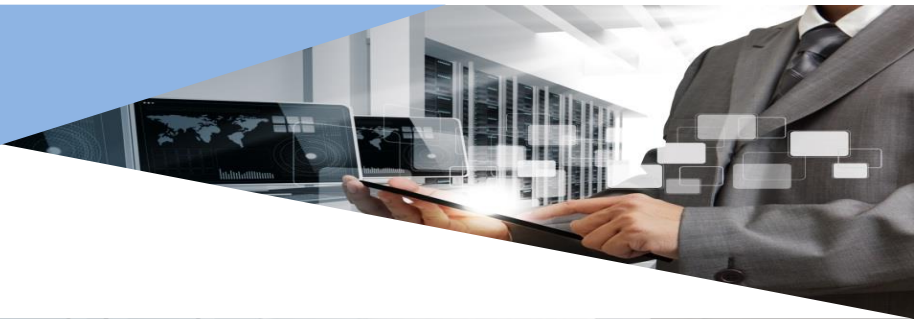
Client Profile

- The client is a world-leading provider of drone-based enterprise solutions, and a pioneer in the use of AI as an enabling technology for large-scale data capture and analytics.
- The client's total managed solutions for drones are deployed on major projects in Oil & Gas, Power Transmission and Distribution, Telecoms, Renewable Energy, Construction, Utilities, Infrastructure and beyond.

Project Description

The client was looking for an offshore vendor that provide data processing and software development support with fully equipped office space for the following scope of work :

- Stitching industrial wind turbine photos in support of their drone inspections (creating high quality stitched images quickly from drone photographed portions of individual turbine blades)
- Measuring dimensions of telecom towers and the assets in them
- Auditing and defect marking of Wind Turbines, Telecom Towers and Power Grids
- Offer Software Development Support including Web Dev, Mobile Dev, Desktop Dev and AI Engineers
- Monitor and track the status of individual teams

KGiSL Edge

The most important challenges resolved included:

- Established back-office operations for this client at Coimbatore, India
- Fully staffed this facility with 70+ FTE's involving Data Processing Associates, Web / Mobile / Desktop Developers and AI Engineers
- KGiSL provided them with a facility which has capacity to scale up to 100 seats, workstations equipped with the latest Windows OS and licensed software (Ex: Pix4D, PixScape, Adobe Photoshop) that they needed for daily operations
- Improved the ROI by discovering ways to increase the effectiveness of back-office and automating the business functions
- Reduced annual payroll, time & labor operating costs and overhead expenses and improved customer satisfaction levels