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Business Domain
Geospatial Sector

Project Type
Tech Partnership

Remote In-Sourcing® Team of 150 FTE Enabled Mobile Mapping Company to Process 7,000 km of Road Data and Reduce QA Costs by 63%

Client

The Client is a global company specializing in the large-scale and systematic visualization of environments based on 360° panoramic photographs and LiDAR data.

Project

Forming a Remote-In-Sourcing® team to process a large amount of LIDAR data in a short time and optimize the project budget.

Objective

To streamline the collection and processing of a large and complex amount of road data within a strict deadline for further analysis on the Client's side.

Team Reinforcement

The Client faced a human resource issue in extracting 3D features based on LIDAR data for a road infrastructure inventory. Thanks to the Intetics Remote-In-Sourcing® team of 150 specialists, the project was fulfilled within 4 months.

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Challenge

The Client is a global player in the visualization of environments market. They specialize in the collection and processing of 360° panoramic photographs and LiDAR data.

The Client's main focus was on gathering data for further processing within a limited timeframe. Therefore, they needed help in processing the data to shorten the time between acquiring information and delivering the final results.

The Client lacked a processing team to perform the task on time. Hiring new people for the project was not an option since it required additional funds and resources.

Quick Facts

✓ 7,000 km of extracted features

✓ From building team do delivering full project – 4 months

✓ Costs reduced up to 63%

✓ 95% quality target reached

✓ Ramp up the remote team of 150 people for less than 1.5 months

Technologies
Proprietary Client's Software

Solution

★ 01

Full road inventory of the roads for one state was performed in the span of 4 months, with 7,000 km of extracted features.

★ 02

The Remote In-Sourcing® team worked with the large volumes of data required for further processing, reducing QA costs by up to 63%, and decreasing processing time.

★ 03

In a span of the 4-month timeframe, Intetics established a production-ready team, developed internal processes and reports for the Client. The team designed 100% of the projects' management and staffing structure, including the development of a metrics system, a motivation scheme, and a training and mentoring program.

★ 04

Fully configured internal Quality Checks took place to ensure data quality. Different team units worked aligned to facilitate project implementation.

★ 05

The Remote In-Sourcing® team was ramped up to 150 people in less than 1.5 months. Within this period, the team was trained to work with proprietary software.

Client Reference

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The Intetics team quickly assembled a Remote In-Sourcing® team. In our opinion, they were quite thorough in their approach. We can confidently state that we were able to reduce the whole processing time by about two months and provide our Client with a consistently high quality of extracted data.

Benefits and Results

★ Fully extracted data from 7,000 km of roads for further client processing within 4 months.

★ The Client has a scalable Remote In-Sourcing® team ready to tackle new transportation projects with a maximum roll-out time of 2 weeks.

★ Reached outstanding levels of quality, 97% and 100% for each delivery area, overall 95% quality target, and reduced QA costs by 63%

★ The team of 150 specialists was gathered and trained within 1.5 months. The project was delivered within 4 months.

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Intetics Inc.
Email: intetics@intetics.com
Phone: +1-239-217-4907
www.intetics.com

Techstack:

Proprietary Client's Software

Team: 150

Project Manager,
Tech Leads, GIS experts

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Timeline
(an example)

WEEK 17

Final delivery of the data.

Right on time.

WEEK 8

Reached levels of quality high enough for the client to cancel QA process for our team.

WEEK 10

Out team helped client implement new features for their proprietary software.

WEEK 4

First feedback after the QA 85% of the team is assembled and trained.

WEEK 2

Redistribution and training of the team from other projects.

This will be the core team of the new project.

WEEK 5

Finish of the hiring process. Whole team is involved in production.

WEEK 3

Start of the hiring process for additional members of the team.

First delivery of the processed data.

WEEK 1

Management and Tech lead team assembled and trained