



## Business Domain

GIS and Geospatial

## Project Type

Data Processing Center, Offshore  
Dedicated Team®, Remote In-Sourcing®

# For 10+ Years, Intetics Operates the Specialized Data Processing Center To Expand the Global Footprint of the World Leader in the Mapping Industry

## Client

The Client is a world leader and a pioneer in location technology. It is cited as having the largest market share in navigation services worldwide. With over 9,000 employees across 56 countries, the Company is serving thousands of customers at scale.

## Project

As a part of the Client's global production team, Intetics Data Processing Center participates in developing maps and location services all over the world. It holds leading positions in speed and quality. The created maps were used in over 150 million vehicles.

## Objective

Building a data processing center to enhance the Client's mapmaking capabilities in Eastern Europe.

## Team Reinforcement

The Offshore Dedicated Team® was formed for launching and maintaining the Data Processing Center. Several hundred engineers operate at the Data Processing Center on a full-time basis. Throughout the cooperation period, they completed dozens of projects, from maps to digital navigation tools.

# Challenge

The challenges occurred during the expansion of the Client's presence in Eastern Europe were associated with the specifics of the region.

The Client lacked data about the Eastern European region & required a strategic partner able to set up an offshore center to process geographic data quickly and cost-effectively in the region.

The Client also lacked skilled GIS specialists who could speak Slavic languages, which was necessary to cover the region. Therefore, they required a scalable data processing center with competent staff in order to deliver a highly accurate product and meet stringent data protection standards.

## Quick Facts

- ✓ 12 years of continuous cooperation
- ✓ Participation in multiple project all over the world, including cutting-edge assignments
- ✓ The Client successfully expanded its footprint in Eastern Europe

### Technologies

AWS / Microservices / .NET Core / React / SignalR / WebRTC / Entity Framework / Swift / Kotlin / HTML5 / Java / JavaScript / TypeScript / PHP / WordPress / Kazoo / Google Speech to text / Web sockets / OpenCV / Vaintiv / ZeroBounce / xUnit / MS SQL Servber / PostgreSQL

# Solution

## ★ 01

The coverage has been drastically increased in Eastern Europe, allowing end customers living there to use maps and services of high quality.

## ★ 02

A fully-secured and highly scalable Offshore Dedicated Team® (ODT) was set and based in Kharkiv, Ukraine.

## ★ 03

The highly flexible structure of the ODT allowed rapid changes in order to accommodate the varying scope and complexity of each project.

## ★ 04

Upon being recruited, all technical staff underwent a thorough personal screening and an intensive training program. The process-oriented approach to management allowed the team to be built and to achieve high KPIs in the shortest possible timeframe.

## ★ 05

Active usage of LEAN & Six Sigma tools and automation of routine tasks allowed ODT to produce high-quality services with a permanent reduction of their costs.



## Client Reference



*The Intetics team has been crucial in enhancing our Eastern European maps. They quickly created an incredible team that continuously returns a quality product and is flexible enough to meet our changing needs.*

**Department Director**

## Benefits and Results

- ★ Partnership with Intetics helped the Client to be recognized as #1 company in the location service industry
- ★ The Client expanded their coverage of Eastern Europe and strengthened their leading position in the industry.
- ★ The reliable partner provides outstanding services, cuts costs, and improves every aspect of work.
- ★ The ODT was staffed with highly qualified and talented GIS specialists in a mere four months. Traditionally, it takes at least twice as long to set up a similarly functional center.

### Techstack:

AngularJS, ASP.NET Core, AutoFixture, React, Breeze, Chai, Entity Framework, Fluent Assertions, Gulp, HTML5, JQuery, Knockout, Mocha, MS Azure, OWIN, Bootstrap, Selenium, SPA JavaScript, SpecFlow, Web API, Webpack

### Team: 100+

Project Managers, Team Leads, C# Developers, JavaScript Developers, Data Engineers