

Services

Big Data & analytics

Platform Development

Expertise

**EN**

**FR**

Get in touch

Company

Cloud

Devops

Machine learning & IA

UI/UX Design

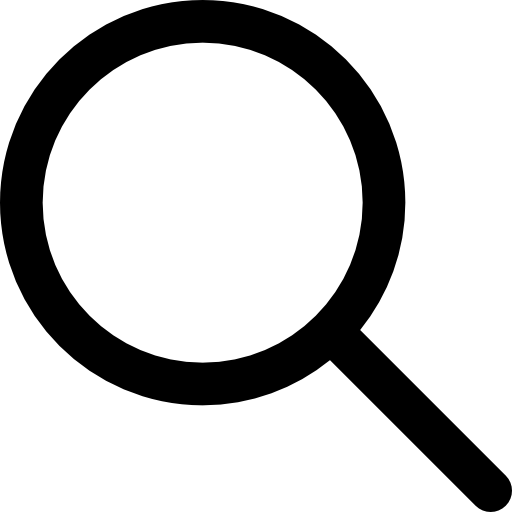
Internet Of Things

Location Based Services

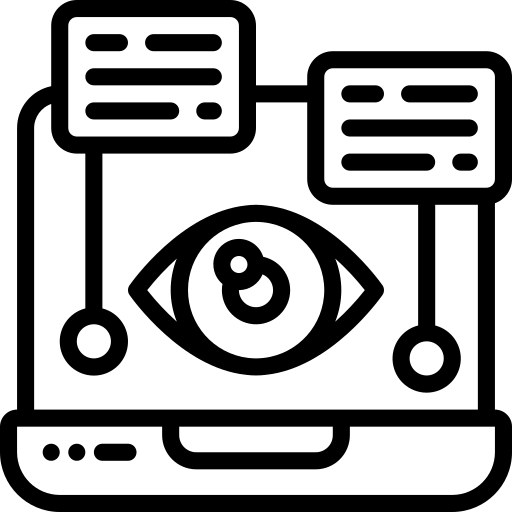
# **Location Based Services**

Since 2002, HumanOne has been partnering with the world’s leading map providers, ambitious startups, and Fortune 500 companies to develop location data platforms, creating a world of open location based solutions for end users and developers. Our expertise covers integration with a variety of APIs, data collection, automated data processing, and compilation of accurate maps with multiple tiles for custom business use. Our clients develop innovative location solutions for car navigation, vehicle fleets, open data platforms, cross-industry drone applications, agricultural machinery, and venues all over the world.



Let’s Talk

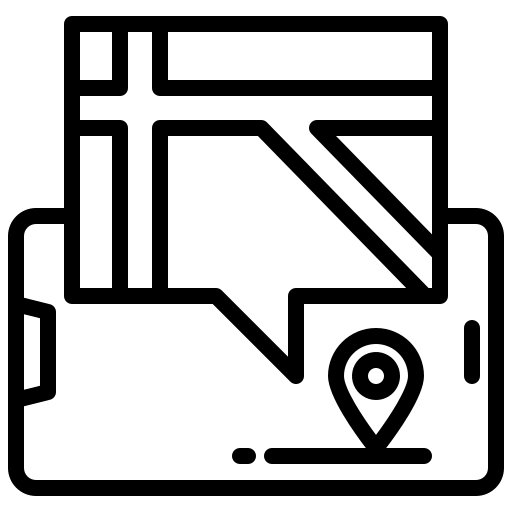
We advance the technology offerings of smart mapping solutions providers and companies who deliver HD map content in industries including transportation, logistics, automotive, and retail. With HumanOne custom mapping software, our clients get consistent and data-rich mapping content delivered through optimized pipelines, making their maps valuable professional and personal assets for users. We work with proprietary, NDS, ADAS, and other standards to enable you to map the world faster and equip your customers with accurate and complete information every time they use your mapping software solutions.

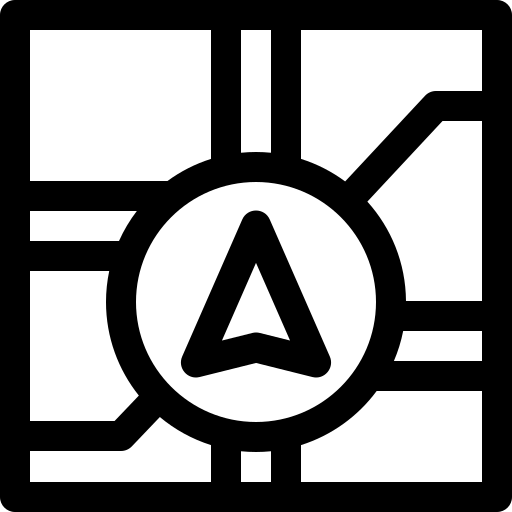


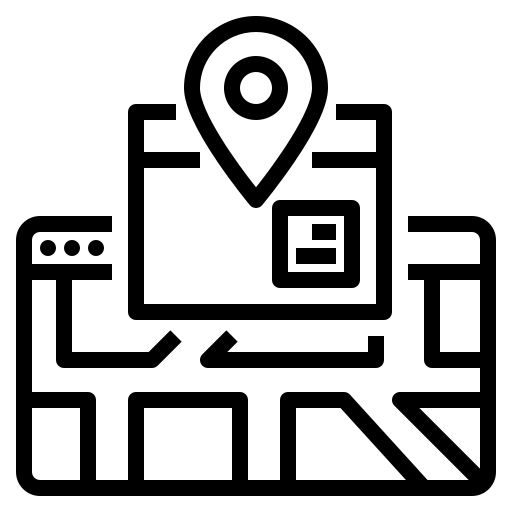
# **Our Location Based Services expertise**

**Real-time visualization and analytics**

Display in-depth analytics of massive data sets to find common patterns and get real-time insights on traffic, fleets, and assets







**Security and assurance**

Leverage the cybersecurity expertise of our digital platform specialists to mitigate risk.

**Data engineering**

Get help with data center consolidation and resource optimization to break down data silos.

**Infrastructure/IT services optimization & automation**

Land in the cloud without technical debt by eliminating, automating and consolidating.

**Tracking**

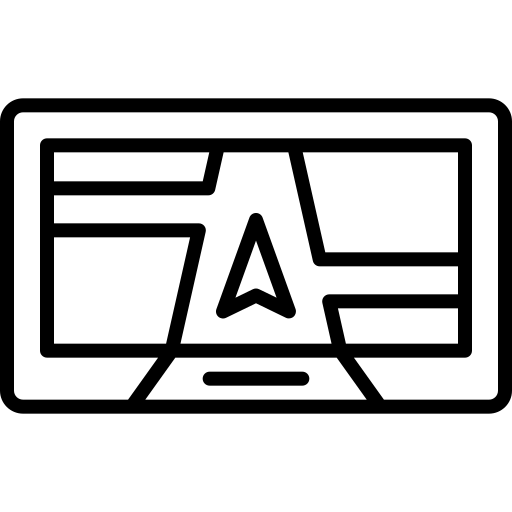
Track valuable assets by applying technologies like GNSS, GPS, QR codes, RFID trackers, NFC tags, and IoT scanners

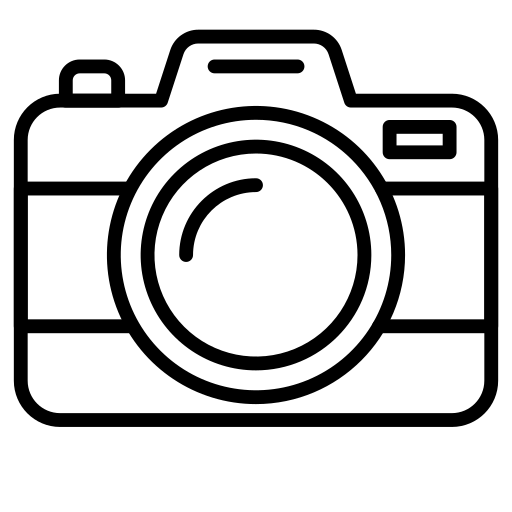
**Geofencing**

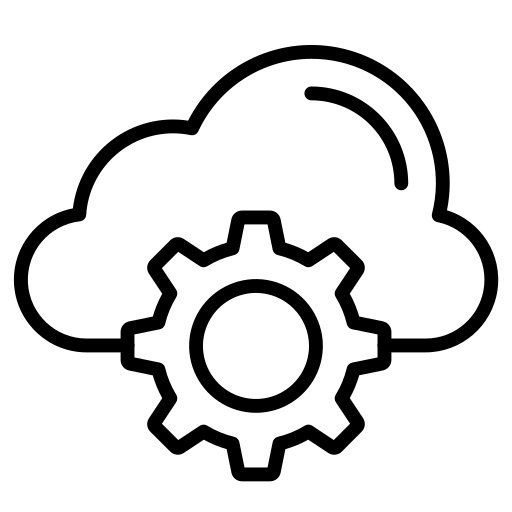
Mark geofenced areas on maps to restrict access, track border crossings, send alerts, and monitor objects within virtual boundaries

**GPS and navigation**

Build a smart navigation system with a user-friendly interface that guides vehicles and users accurately while calculating arrival times







**Indoor positioning and venue maps**

Help customers find their location and find objects within venues using 3D indoor maps

**Aerial imaging**

Capture images from drones, satellites, and other aerial equipment to saturate industry-specific maps with valuable data

**Third-party API integration**

Connect business applications with the world’s best-known data services, traffic feeds, weather stations, and satellites

Embrace location technology for business applications

Get in touch

## **Creating custom location software for different business needs**

**Raise location awareness among businesses**

More and more companies are integrating location services into their business applications, covering nearly every aspect of users’ mobility. Mobile location based services provide users with amazing experiences in navigation, enterprise security, social networking, infotainment, search and advertising, asset tracking, games, and augmented reality.

Custom location software allows businesses to improve their content and the user experience with indoor positioning, navigation to PoI, and targeted advertisements. HumanOne experts help companies adopt mobile location based services and implement solutions for multiple platforms while complying with GDPR requirements for location data privacy.

**Provide platforms for customer convenience**

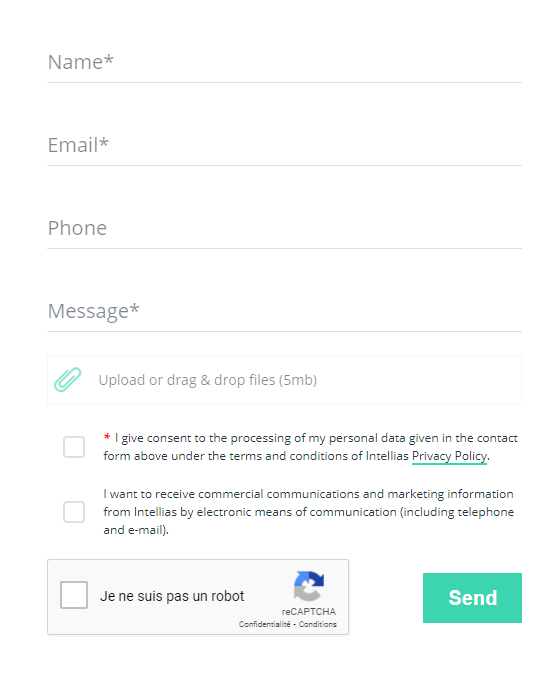
Platforms are a new way to deliver solutions and tools that are easily accessible within one ecosystem. We apply our expertise in DevOps and cloud technologies to build complex multi-purpose location platforms for developers and businesses. We’ve honed our skills working with the largest consumer of AWS and managing CI/CD for their multiple projects.

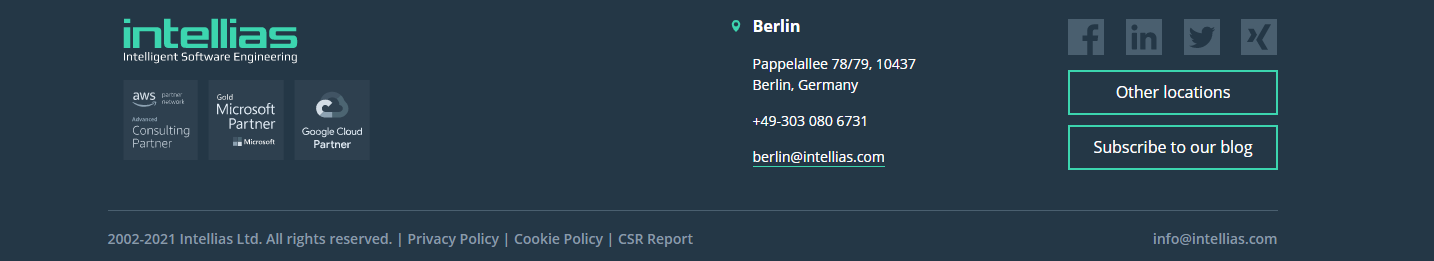
We help clients migrate their on-premise location solutions to cloud platforms. This simplifies usage for end customers, as they don’t need to worry about requirements, servers, and malfunctions. Support and maintenance are covered by the platform provider. We assist in establishing all processes within an organization as well as with knowledge sharing.

**Comply with widespread industry standards**

Providers of solutions that extensively rely on location data use maps in various formats. We work with HERE maps, Google Maps, Apple Maps, and Bing Maps. Our engineers make sure your location data complies with proprietary formats you use in internal software tools as well as with the most popular NDS and Open Street Maps formats.

Our expertise in location based services covers geolocation, navigation, and positioning within many industries including transportation, logistics, agriculture, retail, and mobility. We ensure your innovative location solutions receive only current data in any chosen format aligned with your software requirements for smooth map rendering and fast compilation



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