

Omnisight

MANAGING TRAFFIC FLOWS IN REAL-TIME AI-DRIVEN

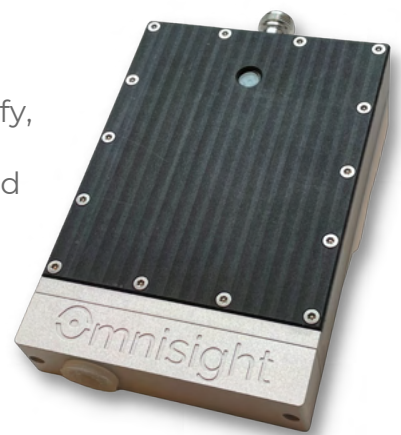


What We Do

We are creating the future of data-driven transportation technology, providing you with more accurate ways to monitor traffic patterns, manage parking facilities and plan for new investments. Our hardware and software solutions utilize all the power of big data, offering more accuracy and end-to-end transparency than other solutions, all with one turn-key-device.

What We Build

Our flagship product, the Megaradar, is a compact sensor that uses millimeter wave technology fused with video analytics to detect, identify, and track vehicles, bicycles, pedestrians and wildlife with over 95% accuracy. Its sturdy, compact design is powered with PoE and managed remotely through Omnisight's own user-friendly interface, making installation, operations and maintenance a breeze. And, unlike other sensor devices, Megaradar has proven highly effective in inclement weather conditions, such as rain, sleet, fog and snow. All of our hardware is built in the USA and is backed with a 1-year warranty.



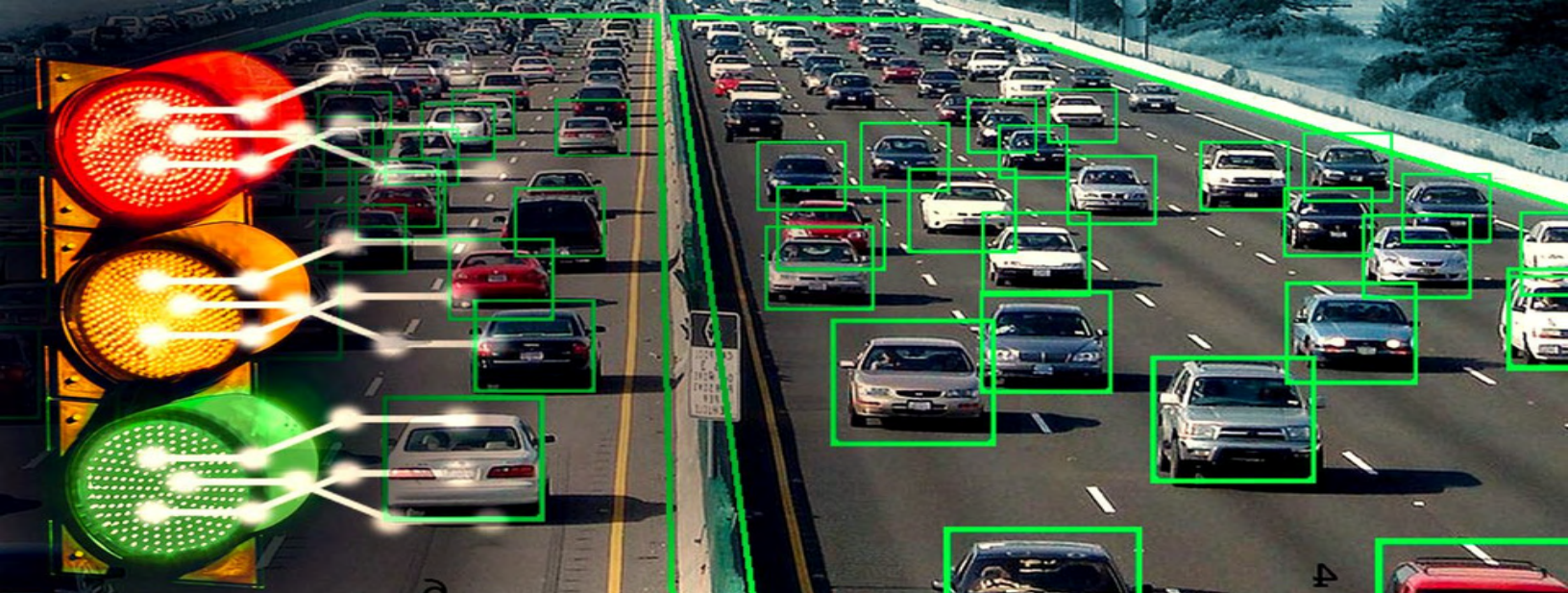
Who We Are

Omnisight is an Intelligent Transportation Systems company dedicated to creating sustainable technology for a cleaner, more efficient and safer world. We have focused our array of expertise and experience onto the unique challenges of the transportation industry, as we are designing, developing and deploying mobility solutions that will change the future of transportation forever.



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Traffic congestion is getting worse around the world. If you drive a car, you've probably found yourself stuck at a red light while the intersection sits empty or seen cargo trucks circling within our cities in search of that elusive empty spot. These issues and many others stem from a lack of real-time, big picture data that current local systems fail to provide. Without a sustainable solution, traffic congestion will continue to increase, along with CO2 emissions, economic cost and safety issues for all motorists. As a result, all of us will continue to lose precious hours of daily life, stuck in traffic, due to poor transportation management.

Imagine a sensor smart enough to not only detect when roadway conditions are primed for a traffic jam, but to proactively prevent one! Imagine a system that identifies abnormal traffic patterns due to roadway construction or an accident and provides real time solutions. Imagine a system so integrated into the flow of traffic that it can accommodate cyclists and pedestrians in real time. Imagine the same sensor can be used for intersection management, monitoring of parking availability and so much more.

Omnisight With Omnisight, you no longer have to imagine. Whether you are updating a single intersection or integrating an entire smart city, our traffic management system provides everything you need for accurate traffic detection and increased roadway safety. Our Megaradar precisely identifies the speed and trajectory of approaching vehicles to safely trigger red lights to green. When applied to multiple intersections within a corridor, our sensors can share their data to other sensors, which then adjust their own signals for an even higher level of accuracy. This type of corridor data system allows for real time traffic management based on the volume of vehicles actually present, not the volume predicted to be present based on past data. Additionally, corridor data creates many other opportunities for utilizing information to improve transportation across the board.



Reduce Congestion

Artificial Intelligence combined with machine learning to reduce congestion, emissions and accidents.



Improve Public Safety

Receive alerts from local infrastructure alerting drivers and diverting them from traffic jams and dangerous situations.



Decrease Response Time

Notify the appropriate precinct with a short video of the detected incident and enable your first responders to be on the scene faster.

Smarter Traffic. Innovative Leadership.



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