

Esri to Use Mobileye Data for Dynamic Edge Mapping



Esri, a global leader in location intelligence, has announced a collaboration with Mobileye, an Intel company and provider of advanced driver-assistance systems software, to bring the advanced data collection capabilities of Mobileye into Esri's platform as native services. This collaboration will provide Esri customers with the ability to visualize and analyse real-time HD map and location data streaming from sensors on vehicles equipped with Mobileye technology, enabling a new type of living, dynamic map on the Esri platform.

Under the agreement, vehicles equipped with Mobileye's vision system will gather information that will serve as a basis for several new data services on the ArcGIS platform targeting local government, transportation and insurance markets. Over the coming months, Mobileye will publish data into the ArcGIS platform to enable millions of ArcGIS

users with dynamic data that serves specific industry applications and will lead to better understanding for both government and commercial customers.

The new agreement vastly expands upon the [existing relationship](#) between Esri and Mobileye to include the latest EyeQ4 collection capabilities, bringing advancements in both safety and data collection. The agreement greatly enlarges both the scope of data available to Esri customers, as well as the accessibility to it.

"Mobileye vision from a passing vehicle will automatically inform city workers that a stop sign has an obstructed view for instance," said Jim Young, Esri head of business development. "The sign will show up on an Esri map and a service crew can be dispatched to fix it, using ArcGIS technology."

Edge mapping

"We live in a world that changes every day," said Lior Sethon, Mobileye vice president of intelligent mobility solutions. "Our data solutions help reflect those constant changes in high-quality resolution. With Esri, we are extending the value of our HD maps beyond the automotive market, for the broad range of Esri customer use-cases."

"For our industry, this is the next generation," added Jim Young. "Just like edge computing, this is edge mapping - using anonymized and generic data captured by vehicle-mounted cameras and computer vision for instant map updates. We are thrilled to be working with Mobileye." The dynamic nature of this new data source will enable better decision-making and greater automation for Esri customers, and ultimately enable safer streets and smarter communities.

To learn more, visit go.esri.com/smartcomm.