Maricopa County Assessor leverages Pushpin’s deep learning platform

*Pushpin accelerates parcel change detection and building footprint extraction*

MINNEAPOLIS (PRWEB) February 14, 2018 -- Pushpin announced today that it has secured an engagement with Maricopa County to perform parcel change detection and building footprint extraction using Pushpin’s patent-pending deep learning platform. Leveraging multiple aerial imagery datasets, Pushpin identifies parcel changes that may affect property assessments. Pushpin also extracts building footprints for use in map visualization and water runoff calculations for storm water management.

“Pushpin is applying to real property assessment the same kind of artificial intelligence algorithms that Google uses in its autonomous cars,” says Eric Bails, Chief Technology Officer, Maricopa County Assessor. “Our testbed was a set of four areas of the County, each of which presents a different challenge for change detection via aerial photography. After we examined these small pilot areas with this constantly learning technology, we believe our Office has a new opportunity to improve the accuracy, turnaround time, and cost for detecting a variety of changes.”

“We are delighted to work with tech-forward industry leaders such as the Maricopa County Assessor’s Office in deploying our Pushpin platform,” says Randy Milbert, Chief Executive Officer, Pushpin. “Maricopa County is an early adopter that shares our belief that an intelligent human/machine symbiosis can solve difficult mapping challenges better, faster, and cheaper than other approaches.”

About the Maricopa County Assessor’s Office

With a population of 4.2 million people, Maricopa County is the most populous county in Arizona and the fourth-most populous in the United States. The county seat is Phoenix, which is also the state capital and the country’s fifth-most populous city. The Maricopa County Assessor’s Office annually notices and administers over 1.7 million real and personal property parcels/accounts with full cash value of more than $475 billion in 2017. The Office has a global reputation for its continual evaluation and frequent adoption of leading-edge technologies. For more information, please visit https://mcassessor.maricopa.gov.

About Pushpin

Founded in 2015 and based in Minneapolis, Pushpin believes that people and computers intelligently combined can solve difficult mapping challenges better, faster, and cheaper than the alternatives. Pushpin works with tech-forward customers and partners to dramatically increase automation, accelerate workflows, and decrease costs. Pushpin applies patent-pending deep learning algorithms to aerial and satellite imagery to identify parcel changes, extract building footprints, and estimate impervious areas. Pushpin’s customers include Carson City, Nevada and Maricopa County, Arizona. For more information, please visit https://pushpin.us.
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