

Woolpert and Allvision Forge Strategic Agreement to Enhance Geospatial AI Capabilities

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Woolpert has reached a strategic agreement with Allvision, a geospatial analytics and asset management company based in Pittsburgh, to enhance geospatial artificial intelligence capabilities and applications. This agreement will combine the AI, machine learning, and deep learning technologies of Allvision with Woolpert's lidar and imagery collection and processing expertise to develop new and enhanced geospatial solutions for clients worldwide.

Under the agreement, Woolpert receives the exclusive rights to Allvision's proprietary AI technology for processing lidar and imagery on a market-specific basis. This will complement Woolpert's patents for high-resolution topographic and bathymetric lidar technologies and its proprietary machine learning program that employs AI technology, algorithms, and workflows to produce geospatial data and insights.

This collaboration leverages the terrestrial, aerial, and hydrographic lidar data and imagery capabilities of Woolpert with Allvision's AI and ML technologies to support the assessment, inventories, and management of natural infrastructure and the built environment.

A team of former Allvision staff members, including co-founders Aaron Morris and Ryan Frenz, have joined Woolpert to help develop customer-focused solutions via these integrated geospatial technologies. Co-founder Elmer Bol will continue to lead Allvision in the delivery of AI-based asset mapping, and Woolpert will continue to partner with Allvision on a range of mobile lidar projects.

"Allvision is a startup founded on software and AI to enable use of geospatial data at a massive scale, and collaboration with a global leader like Woolpert makes that possible," Morris said. "By coupling Woolpert's full range of geospatial data with our AI technologies and processing, we can efficiently interpret the real world and translate it into the digital world. This creates a digital twin, a representation of the world that is up-to-date, accurate, and actionable, that will allow us to build a whole new future."

Woolpert Senior Vice President and Geospatial Sector Leader Joseph Seppi said in addition to advancing innovation, this agreement was formed in response to client demand.

"The core benefit of geospatial AI is that it creates efficiencies in data processing and automated feature extraction to yield a faster turnaround, all while providing the high level of accuracy required by our clients," Seppi said. "We are continually working on new delivery methods for our data products because there is a huge demand from our customers to deliver data digitally, host it for them, and provide analytics capabilities. Easy access to high-density lidar point clouds, digital elevation data, and lidar-derived vector mapping is our goal, and this collaboration with Allvision supports that."

Link to original press release:

<https://woolpert.com/news/press-releases/woolpert-and-allvision-forge-strategic-agreement-to-enhance-geospatial-ai-capabilities/>