

Deepen AI, 3D semantic segmentation

SEOUL, SOUTH KOREA, November 14, 2023 /EINPresswire.com/ -- Deepen AI, a leading provider of 3D semantic segmentation solutions, has announced a new partnership with a major automotive manufacturer. The partnership will focus on developing and deploying 3D semantic segmentation technology for autonomous driving applications. Deepen AI's 3D semantic segmentation technology is designed to provide accurate and reliable 3D point cloud data for autonomous driving. The technology is capable of identifying and classifying various objects in a 3D point cloud, including buildings, trees, cars, and pedestrians. This information is then used to create a detailed 3D map of the environment, which is essential for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.

3D semantic segmentation is a key technology for autonomous driving. It allows a vehicle to understand its environment in 3D, identifying objects and their positions. Deepen AI's 3D semantic segmentation technology is designed to provide accurate and reliable 3D point cloud data for autonomous driving. The technology is capable of identifying and classifying various objects in a 3D point cloud, including buildings, trees, cars, and pedestrians. This information is then used to create a detailed 3D map of the environment, which is essential for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.

Fused Point Cloud: Deepen AI's fused point cloud technology allows for the combination of multiple 3D point cloud data sources into a single, unified point cloud. This technology is essential for creating a comprehensive 3D map of the environment, which is necessary for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.

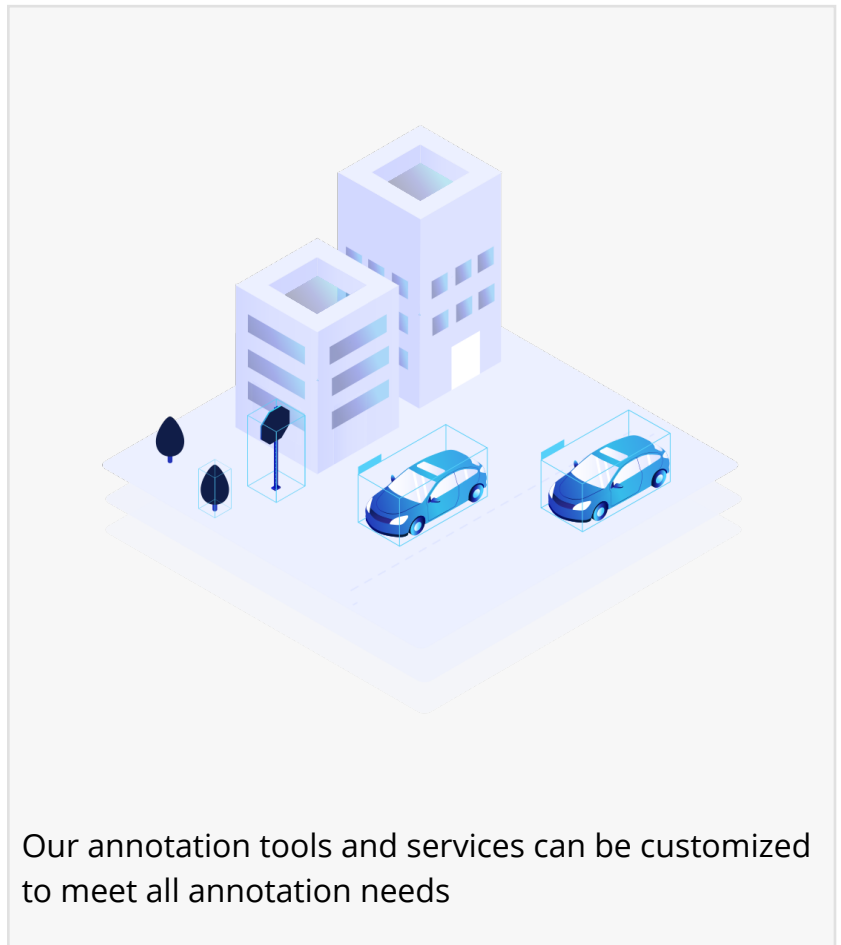
Advanced Point Categorization:

Deepen AI's advanced point categorization technology allows for the identification and classification of various objects in a 3D point cloud. This technology is essential for creating a detailed 3D map of the environment, which is necessary for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.

Dynamic Point Import: Deepen AI's dynamic point import technology allows for the import of 3D point cloud data from various sources into a single, unified point cloud. This technology is essential for creating a comprehensive 3D map of the environment, which is necessary for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.

Foreground/Background Paint: Deepen AI's foreground/background paint technology allows for the identification and classification of various objects in a 3D point cloud. This technology is essential for creating a detailed 3D map of the environment, which is necessary for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.

Multi-Category Selection: Deepen AI's multi-category selection technology allows for the identification and classification of various objects in a 3D point cloud. This technology is essential for creating a detailed 3D map of the environment, which is necessary for autonomous driving. The partnership with the automotive manufacturer will allow Deepen AI to leverage its expertise in 3D semantic segmentation to develop and deploy advanced autonomous driving solutions. The partnership is expected to result in a number of new products and services that will be available to the automotive industry in the near future.



Our annotation tools and services can be customized to meet all annotation needs

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Deepen Calibrate brings down time taken for multi-sensor calibration from hours to seconds

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“AI 的 3D 模型
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*Mohammad Musa, CEO and
Co-Founder at Deepen AI*

Deepen AI 的 数据 安全 策略 符合 美国 AICPA SOC2, ISO 27001:2013 和 GDPR 等。

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Deepen AI ໃຫ້ ພວກ ທ່ານ ສຶບສອນ ຫາກ ຖ້າ ບໍ່ມີ ຄຳ ຖະໜົນ.

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