Pixel to Perception: Advancing Reality Capture for AI-Driven Decision Making

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SUMMARY

Highly accurate, image-based products have become essential tools in decision-making processes across various aspects of daily life. Reality capturing towards AI-based analysis is building and driving the fundamental information we are collecting to make small and big decisions, for the inspection of critical infrastructure to environmental monitoring. How much detail from reality do we need to capture and how much is good enough? In this session, we will dive into a journey from 'Pixel to Perception' from sub-millimeter image-based 3D meshes to country-wide mapping applications based on Phase One cutting-edge technologies and discuss the premium quality and high accuracy of the results.
