

# Tablet-based 3D Data Capture for Digital Heritage Preservation



DotProduct, headquartered in Houston, Texas, USA, has donated five licenses for its phi.3D software used for tablet-based 3D data capture to CyArk. CyArk is a California-based non-profit organisation whose mission is to digitally preserve cultural heritage sites by collecting, archiving and providing open access to data created by laser scanning, digital modelling and other technologies.

DotProduct CEO Brian Ahern commented the field-ready phi.3D solution will allow CyArk to use low-cost, off-the-shelf hardware for field capture of 3D heritage data. According to Ahern, phi.3D's real time registration, instantaneous quality feedback and tablet-based architecture produces industry standard, colour point cloud files at a fraction of the cost of tripod-based solutions.

Ahern stated he is glad that CyArk will be able to use DotProduct technology to digitally preserve heritage sites. CyArk director of operations Liz Lee said she is excited to use the DotProduct solution to augment their existing laser scanning and photogrammetry capture methods and provide lower-cost capture options to the heritage field.

DotProduct, founded in 2012 by Rafael Spring and Mark Klusza, is a software company delivering real time, registered-on-the-fly 3D capture solutions built on tablet architectures and off-the-the shelf RGB-D sensors.

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