GEOMAX

Works when you do

X-SCAN Next for 3D Reality Capture

Scan to Plan

Scan to find out more about our
X-PAD Office Fusion Software

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X-SCAN Next for 3D Reality Capture

Scan to Plan

X-Scan Next is an exciting new module in our X-PAD Office Fusion software that simplifies the management of point cloud data from various 3D laser scanners, reality capture devices or drones. X-Scan Next is built to handle large amounts of data with fluid workflows and accurate outcomes. Once your environment has been scanned and your data is collected, you can conveniently visualize, edit, draw and create surfaces from the point cloud, all within a unified platform. X-PAD Office Fusion is the solution, and the embedded X-Scan Next module enhances your workflow.

Within X-PAD Office Fusion, the new X-SCAN Next module does it all for you with an increased efficiency.

SOFTWARE MODULES

X-PAD Office Fusion is a software solution that offers you different modules in one platform, presented in a simple and intuitive way.

X-SCAN NEXT: THE POINT CLOUDS MODULE

X-SCAN Next module allows for seamless handling of point cloud data, delivering excellent results even with complex and large project deliverables. It offers improved processing time, visualization, and registration tools, enhancing efficiency and accuracy. X-SCAN Next contains an auto-alignment feature that works for both target-based and targetless applications.

X-PHOTO: THE IMAGE PROCESSING MODULE

The image processing modules enable you to process images and generate point clouds and 3D surfaces quickly and accurately. For complex projects, you can process both aerial and terrestrial photos simultaneously, and in a single step, to achieve the best results, in the highest quality. The results are fully integrated into the X-PAD Office Fusion main applications, letting you to create final drawings, maps and surfaces.

BIM CONNECT MODULE

Load and manage IFC files, extract elements for stake-out, and check as-built data with field measurements in the most efficient way.

X-TOPO: THE TOPOGRAPHIC MODULE

The X-TOPO module allows you to import measurements from your instruments and have full control of all the information to verify, at any time, the quality of your work. It calculates and solves all types of surveys, GNSS, total station, digital level and mixed with the least squared algorithms for precise calculation. From topographic points or point clouds, it is possible to create 3D models, contour lines, calculate cross-sections and volumes using several methods. Powerful tools and options allow you to customise the final drawings to obtain the best results possible for you customers.

MINIMUM HARDWARE REQUIREMENTS

Minimum System Requirements	Windows 10; 64 bit I5/i7 16 GB RAM Nvidia GTX760 SSD 128 GB + HDD 500 GB
Recommended System Requirements	Windows 10; 64 bit i7: https://ark.intel.com/ products/88967/Intel-Core-i7-6700HQ-Processor-6M-Cache-up-to-3_50-GHz 16 - 32 GB RAM Nvidia GTX960 or better SSD 256 GB + HDD 1 TB
Advanced Professional Use (large datasheets, full-frame cameras)	Windows 10; 64 bit i9: https://ark.intel.com/ products/123613/Intel-Core-i9-7900X-X-seriesProcessor-13_75M-Cache-up-to-4_30-GHz Nvidia GTX960 or better SSD 512 GB + HDD 1 TB

A dedicated and updated Graphic card is needed for all modules and is generally recommended with all graphic software.

Compatibility X-Scan Next and Leica Geosystems Laser Scanners	The laser scanners from Leica Geosystems (BLK360, RTC360, BLK2G0) and third parties have a direct integration with X-Scan Next. Third-party laser scanner data can be imported using a compatible format.

DATA SUPPORTED BY X-PAD OFFICE FUSION

Total Stations   Levels   GNSS   Scanners   Drones

GEOMAX Authorised Distribution Partner