

Leica ProScan

Mobile reality capture



Leica ProScan – Transform your laser scanner into a **mobile data capture** platform

Leica ProScan kinematic laser scanning platform combines the latest advancements in measurement system integration, software GUI designs, and data processing technologies to capture reality in 3D. Unmatched performance sets new standards in laser scanning productivity and time-to-results by decreasing up to 90% of the time spent in the field.

High speed data acquisition is supported by automatic TPS tracking functionality for determining the trajectory. Opening up a new dimension of capturing indoors and outdoors with point accuracies of a few millimetres for scanning ranges up to 15 metres. Scan freely without being tethered to a single location.



G-SERIES



GNSS positioning

Combining ProScan with GNSS receivers in differential mode for best possible positioning.

T-SERIES



TPS tracking & positioning

TPS tracking of ProScan to follow the system on its trajectory for highly accurate results.

I-SERIES

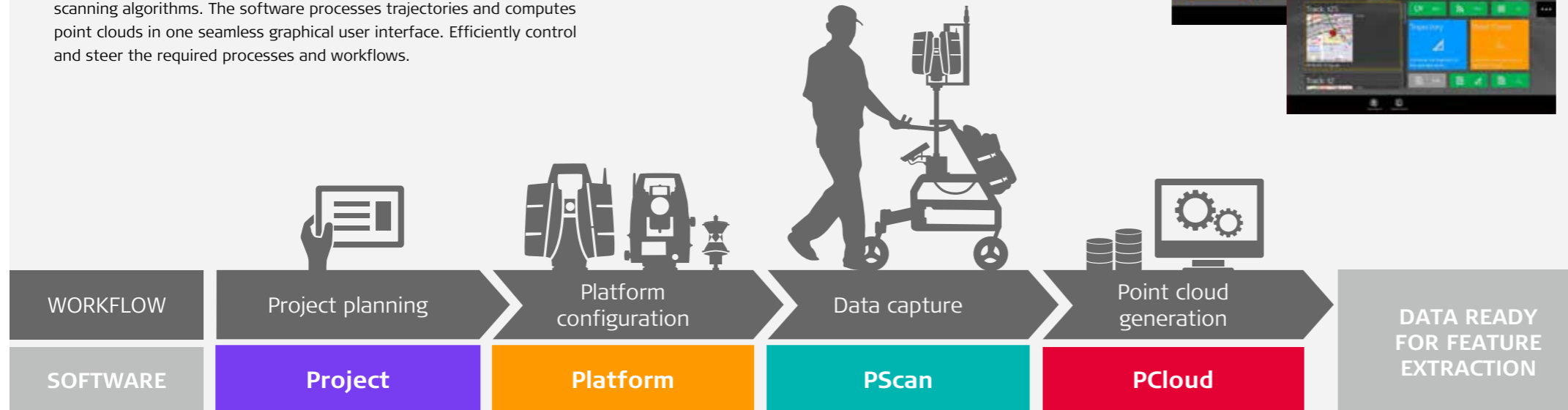
IMU

IMU positioning

Uses ProScan tracking technology to calibrate the IMU while capturing data in 3D.

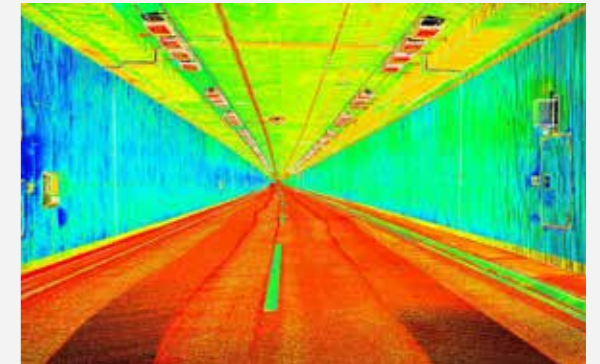
Complete data capture workflow

ProScan runs with an intuitive single-interface software combining modern GUI concepts with the latest developments in kinematic laser scanning algorithms. The software processes trajectories and computes point clouds in one seamless graphical user interface. Efficiently control and steer the required processes and workflows.

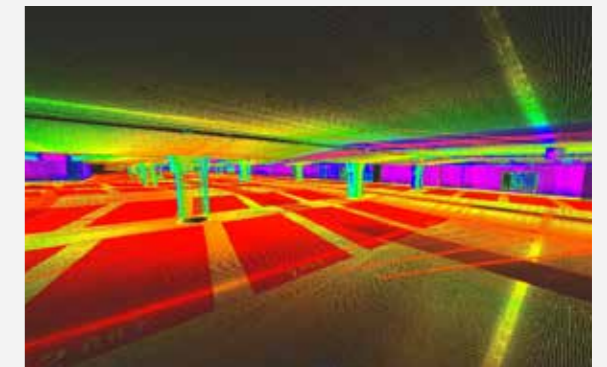


Typical applications

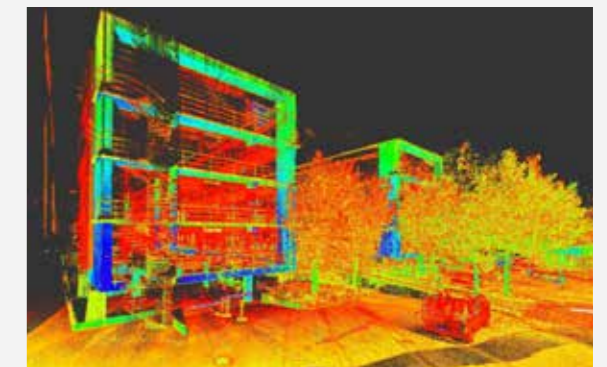
Leica ProScan is suitable for a variety of applications in indoor and outdoor environments. High productivity combined with reduced costs for data acquisition opens new opportunities for high volume data capturing.



Tunnel inspection, asphalt roughness



Manufacturing optimisation



Building documentation

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Leica ProScan
 Mobile reality capture



Leica ScanStation P30/P40
 Because every detail matters



Leica Nova MS60
 Be captivated



Leica Pegasus Backpack
 Mobile reality capture

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- when it has to be **right**

