

Intelligent Jobsites

Jonathan Argue



CitA BIM Gathering 2017, Croke Park, November 23rd & 24th, 2017



myTopcon

site**link**3D



MAGNET™



MAGNET Collage

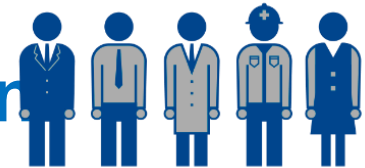
85th
anniversary



Tokyo, Japan 1932
Ireland, since 1998



27 countries
86 companies



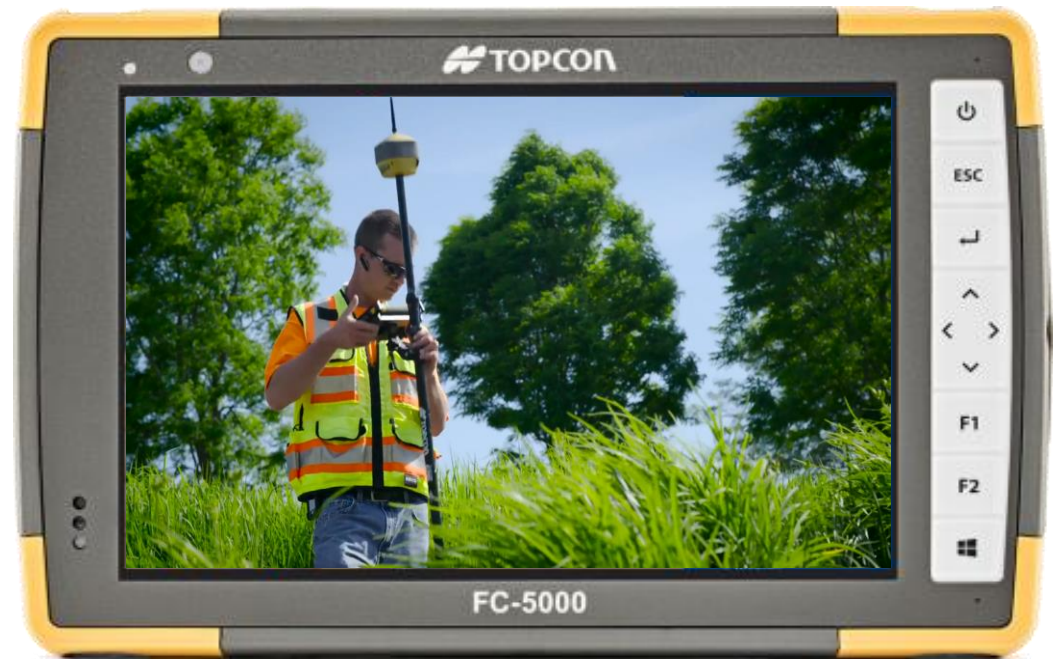
4,459







IP67 Waterproof Rating





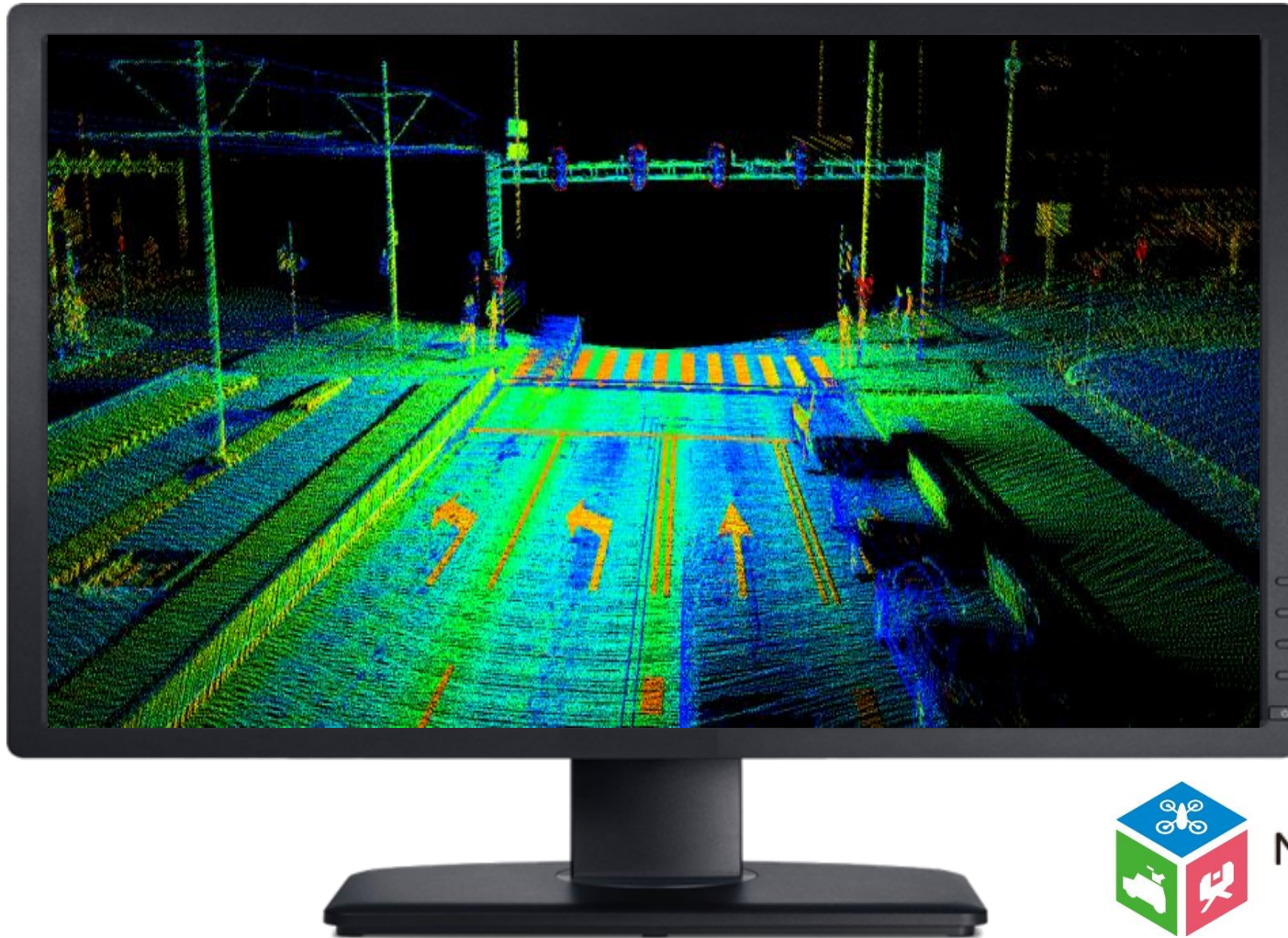
MAGNET™



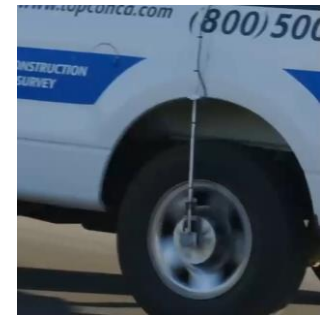
Sync With
Autodesk®

Topcon ribbon within
Autodesk Software
seamlessly interacts with
MAGNET Office Software





MAGNET Collage



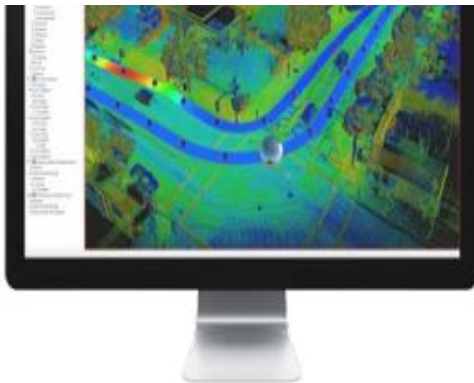
MAGNET Collage



Capture and Process

MAGNET COLLAGE

Total solution to manage and get more out of your 3D point cloud data.



Share

Interact

Share and Collaborate

MAGNET COLLAGE WEB

Seamlessly integrates with Collage desktop software to visualize, share, and collaborate.



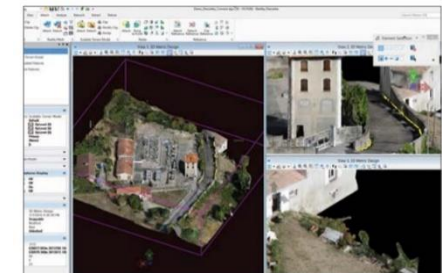
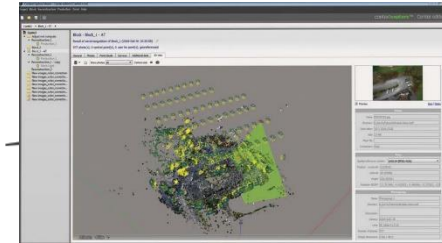
Commercial building (exterior)



Commercial building (interior)



MAGNET™
Collage Web





Sony RX100 II
(24MP)



MicaSense
RedEdge





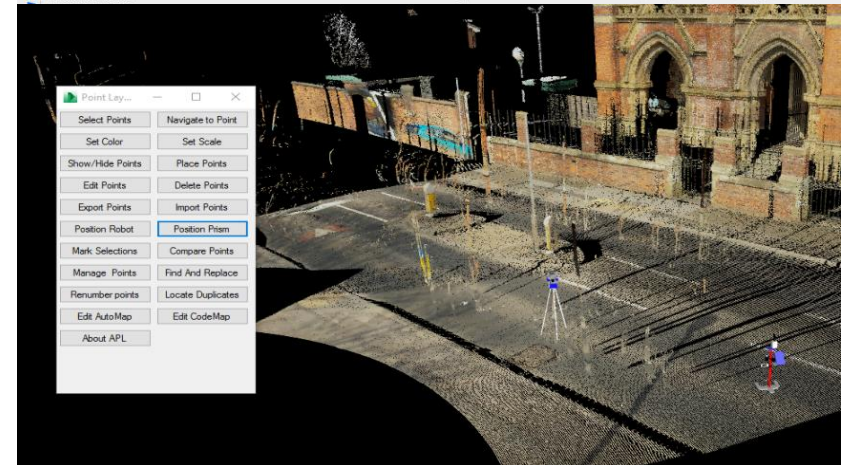
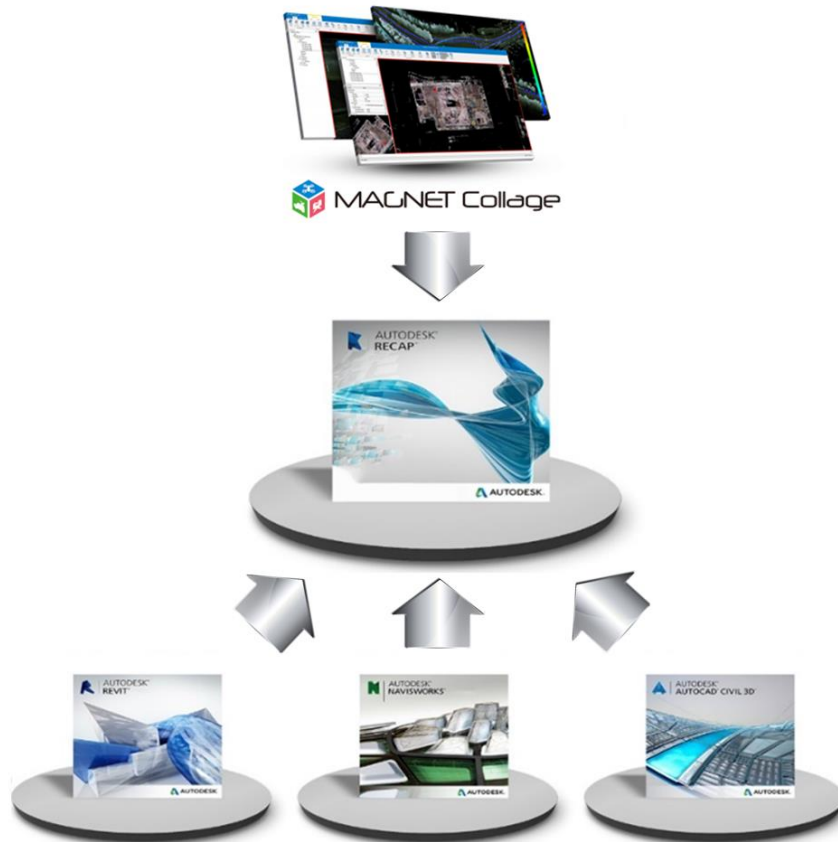
Topcon Falcon 8

Intel Falcon 8+ Drone dition





ReCapworks





info

siteLink3D



Common File Structure for all

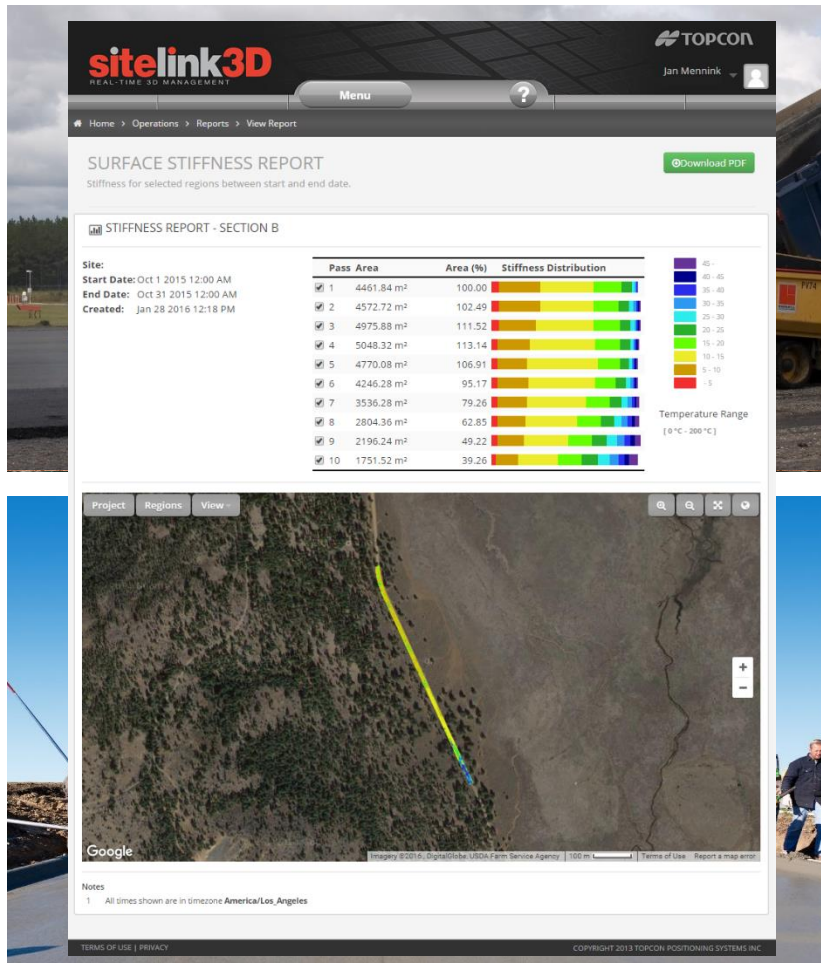
- Profile View
- (Stops working at stationing)
- User Defined
- Offset Properties
- Avoidance areas





ROAD PAVING TECHNOLOGICAL INNOVATIONS

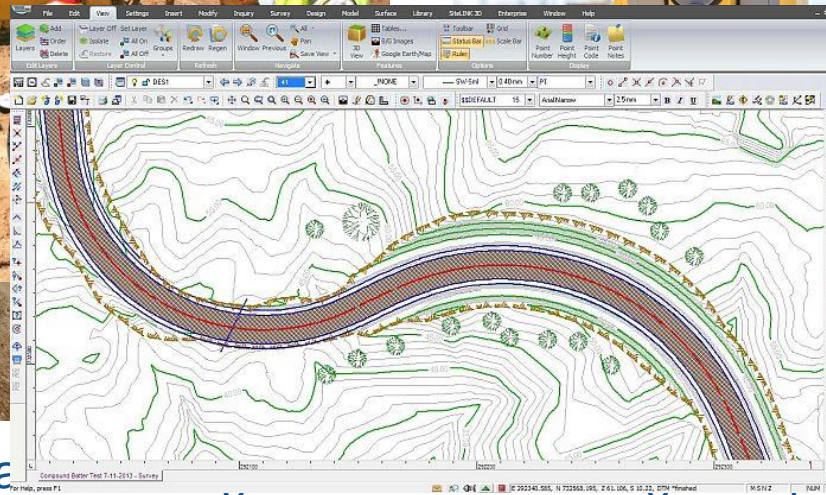
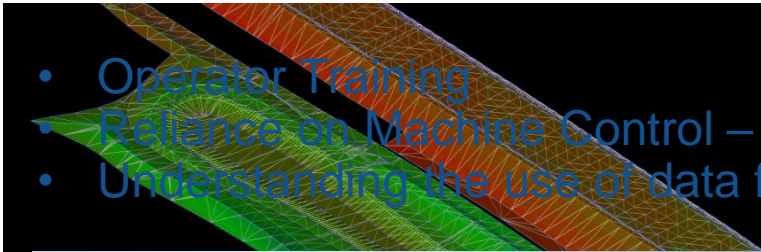
FINISHING & COMPACTION



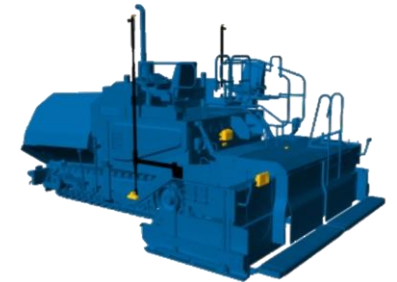


Line work and Digital Challenges using Machine Control

- Operator Training
- Reliance on Machine Control – Quality Assurance
- Understanding the use of data for the Machine Control



Removing need for Base Line control for drainage



Scan

Design

Mill

Pave

Compact





THANK YOU
