

Building Construction

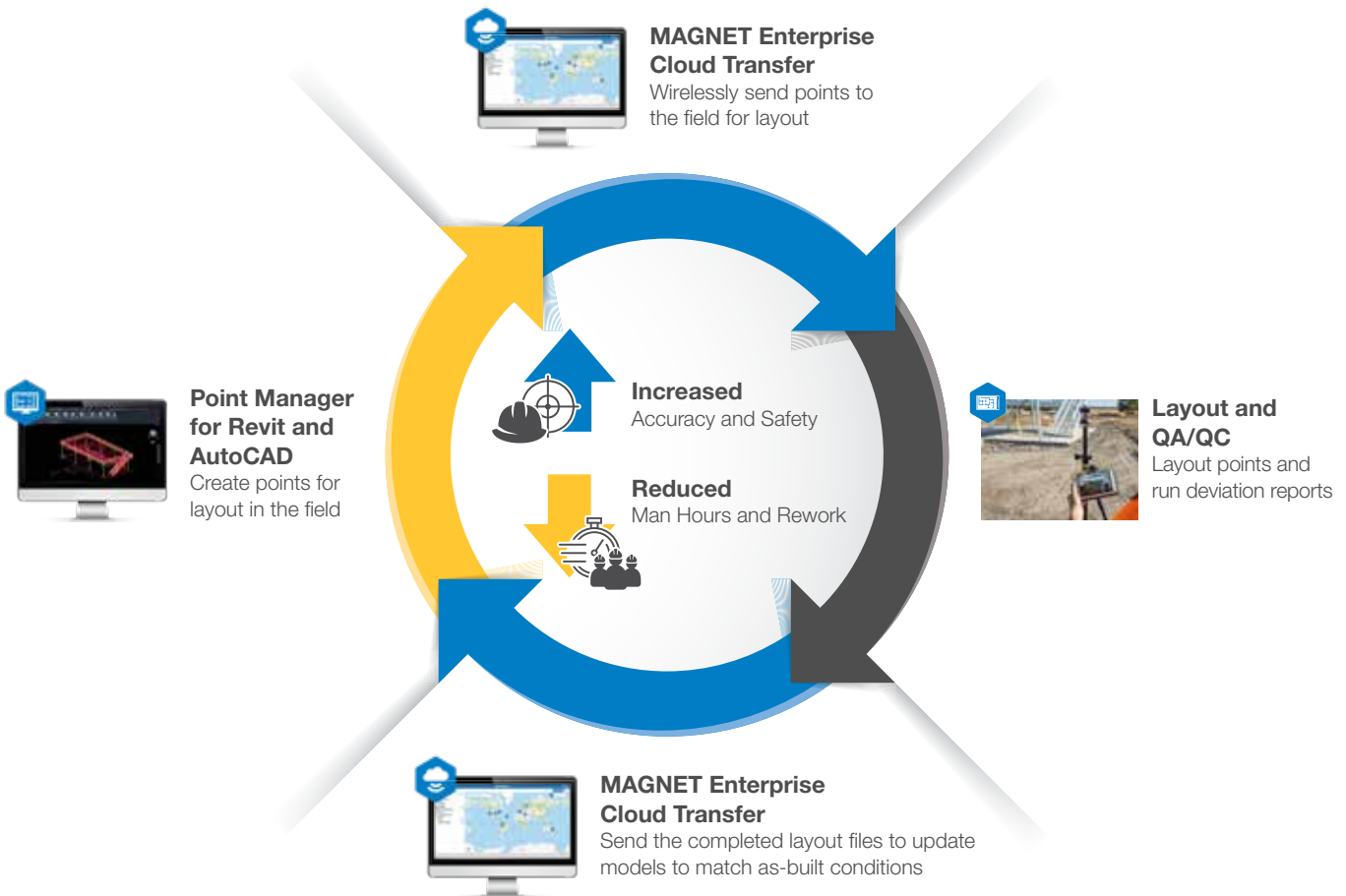
Layout Solutions



Digital Workflow Tools

Building Construction Layout Workflow

We understand that solutions are not one-size-fits-all. That's why our team has developed products that work for all types of construction trades (mechanical, electrical, plumbing, concrete, structure, etc.). Whether you are a first-timer or experienced robotic total station guru, we can help.



End-to-End Topcon Workflow

Adopt an improved digital layout workflow to increase efficiency, accuracy and reduce risk. Starting in the office, create points using Point Manager as a plug-in for Revit® or AutoCAD®. Then upload directly to your tablet in the field for project layout. Later upload deviation files from the field back to the office to update design models to match as-built conditions.



Point Manager

Point Manager is a plug-in for Revit and AutoCAD that provides automated point creation for a more efficient workflow. BIM personnel and CAD teams will directly benefit from point creation and QA/QC reporting directly within the Autodesk® environment.



MAGNET Enterprise

Once your job is ready to hit the field, simply upload to MAGNET® Enterprise cloud service – no more data transfer hassles! Access the project via the cloud or with MAGNET Field Layout directly on the data collector. MAGNET Enterprise also syncs directly with Autodesk BIM 360 to access the latest plans.



MAGNET Field Layout

Your field crews will be up and running quickly with this purpose-built software for fast and simple field layout. MAGNET Field Layout will increase your efficiency whether you start your workflow from paper plans, PDFs, or fully coordinated BIM models.



Digital Layout Solutions

Stay connected, productive, and in control with the FC-6000 Field Computer and MAGNET Field Layout. Having the right equipment in the field makes all the difference.

FC-6000 Field Computer

Bring office-level processing speed directly to your project site. This compact and rugged hand-held device offers a crisp display even in bright sunlight conditions.

- Sunlight-readable 7 in. display
- Intel® Quad-Core Pentium N4200 Processor
- Windows® 10 operating system
- 8MP rear camera, 2MP front camera
- Integrated 4G LTE cellular module

MAGNET Field Layout

This intuitive software is tailor-made for building construction contractors of all trades. Import a design file and get to work fast! Layout plans can also be created in the field – all while staying in sync with the office.

- Minimize the learning curve with easy-to-use software
- Same software for all Topcon robotic total stations
- Go Hybrid – tie in a GPS system directly to your robotic total stations
- On-screen point creation
- As-built capabilities





Digital Positioning Tools

GT Series Robotic Total Station

Experience performance like you've never seen before. The GT Series robotic total stations are lightweight, high-performance solutions to fulfill your short and long-range measuring needs.

- UltraSonic motors
- 30% smaller and lighter
- Intuitive field software for faster staking
- UltraTrac technology
- Three-year instrument warranty
- Five-year UltraSonic motor warranty

RC-5 Remote Control

Establish prism lock in seconds with the latest in Bluetooth® and sensor technology. The RC-5 connects your total station and the robotic pole with a single tap.

- 300 m Quick Lock
- 600 m LongLink™ connection
- 40 hour Li-ion battery
- Waterproof IP55

LN-150 Layout Navigator

Built for all types of construction layout, the LN-150 is a self-leveling instrument that sets up quickly and can be easily operated by one person. Pair it with your choice of Topcon Field software including MAGNET Field Layout or MAGNET Construct.

- Single-operator solution for precise 3D layout
- Easy one-button self-leveling setup
- Wireless or LongLink communication
- Construct app on any Android or iOS device



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