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**Topcon announces advanced concrete**

**application workflows**

*LIVERMORE, Calif., U.S./ CAPELLE A/D IJSSEL, the Netherlands – January 22, 2019 –* Topcon Positioning Group announces a new workflow bundle designed to modernize concrete FFL (Floor Flatness and Levelness) applications. A new ClearEdge3D development and sales partnership with a leader and pioneer in 3D laser scanning software for construction QA/QC, Rithm, is prominently advancing the Topcon concrete application offering with a new hardware and software bundle option. It is part of the Topcon comprehensive approach to modernize core concrete applications such as layout, quality control, and concrete screed with the latest capabilities in precise positioning technology.

Implementing Rithm on projects for wet, or dry concrete scanning is designed to allow the opportunity to perform FFL analysis directly from scan data loaded into the Autodesk Navisworks software. Operators can find floor flatness and levelness mistakes in near real time from scan-to-finish. The data Rithm provides allows project teams to easily visualize high and low areas with elevation and deviation heat-maps and contour maps.

“By bundling this software with Topcon’s [GLS-2000](https://www.topconpositioning.com/mass-data-and-volume-collection/laser-scanners/gls-2000) scanner, contractors can improve their QA workflows to reduce floor profiling costs by performing FFL analysis in-house in near real time,” said Alok Srivastava, Topcon director of product management. “Through the integration with Navisworks, Rithm provides contractors fast, and detailed ASTM E1155 compliant FFL reports with streamlined floor flatness and levelness analysis, thereby cutting down time on waiting for scanning analysis, increasing productivity.

“The integrated workflow including the GLS-2000, post-processing with MAGNET Collage and QA analysis with Rithm software achieves an optimized end-to-end workflow — from the hardware to software end deliverables,” said Srivastava.

The new real-time FFL application is part of an overarching Topcon approach to modernize concrete applications with precise positioning technology.

Topcon [GT series](https://www.topconpositioning.com/total-station-solutions/robotic-total-stations/gt-series) robotic total stations combined with integrated MAGNET software incorporate a BIM-integrated workflow to layout and verify construction quality in the field.

Additionally, Topcon offers machine control systems for robotic concrete screed applications. After importing an easily created 3D model, concrete can be poured and placed more efficiently with advanced screed technology designed to dramatically speed up the screed process and increase quality with precision-guided machine control.

“With our real-time position information constantly updating, you efficiently manage material as it’s placed — delivering the highest quality in a fraction of the time,” said Srivastava.

For more information, visit [topconpositioning.com](https://www.topconpositioning.com/).

**About Topcon Positioning Group**Topcon Positioning Group is headquartered in Livermore, California, U.S. ([topconpositioning.com](https://www.topconpositioning.com/)). Its European head office is in Capelle a/d IJssel, the Netherlands. Topcon Positioning Group designs, manufactures and distributes precision measurement and workflow solutions for the global construction, geospatial and agriculture markets. Its brands include Topcon, Sokkia, Tierra, Digi-Star, RDS Technology, and NORAC. Topcon Corporation ([topcon.com](http://global.topcon.com/)), founded in 1932, is traded on the Tokyo Stock Exchange (7732).

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