

**Topcon announces new scanning solution to change road resurfacing workflow**

*LIVERMORE, Calif. – March 23, 2016 –* Topcon Positioning Group announces a new vehicle-mounted resurfacing solution for paving and milling projects, the [SmoothRide™](http://www.topconpositioning.com/SmoothRide) system. It uses a combination of core Topcon technologies designed to deliver the smoothest surface possible, while efficiently managing the quantity of material for each project.

“In most situations, it’s inconvenient or impossible to shut down a road and map its surface using traditional survey methods,” said Murray Lodge, senior vice president and general manager of the Construction Business Unit. “We’ve developed a way to scan roads at highway speeds with no need for lane closures, crash trucks, escorts or any other typical road survey collection obstacles. With the new RD-M1 scanning unit, the system maps the existing surface elevations — with many more points captured versus what can be expected with traditional tools — providing more accurate data needed to confidently estimate materials, as well as form the basis of the final design surface.”

The workflow consists of a vehicle-mounted road scan, existing and finish surface design, and machine control using GNSS with sonic tracker sensor guidance — each phase devised to contribute an overall time and cost savings, as well as maximize crew safety for projects.

Once the road information is gathered, operators can use Mobile Master Office point data processing software to recreate the existing surface. MAGNET® Office with Resurfacing is then used to digitally create a high-resolution model of the required finished mat. The resurfacing module allows operators to create a design using specific regulatory requirements such as minimum thickness, desired cross-slope, and overall smoothness.

“That information is taken to a paver or milling machine, allowing variable depth performance. The result is a much smoother road and faster completion times — changing the game in paving,” said Lodge.

Visit [topconpositioning.com](https://www.topconpositioning.com/construction/milling#panel-solution-36896) for more information.

# # #

**About Topcon Positioning Group**Topcon Positioning Group is headquartered in Livermore, California, USA ([topconpositioning.com](https://www.topconpositioning.com)). Its European head office is in Capelle a/d IJssel, the Netherlands ([topconpositioning.eu](http://www.topconpositioning.eu)). Topcon Positioning Group designs, manufactures and distributes precise positioning products and solutions for the global surveying, construction, agriculture, civil engineering, BIM, mapping and GIS, asset management and mobile control markets.  Its brands include Topcon, Sokkia, Tierra, Wachendorff Elektronik, Digi-Star, RDS Technology, NORAC and 2LS. Topcon Corporation ([topcon.com](http://global.topcon.com/)), founded in 1932, is traded on the Tokyo Stock Exchange (7732).

**Press Information**

Topcon Positioning Group

[news@topcon.com](mailto:news@topcon.com)

USA: Staci Fitzgerald, +1 925-245-8610

 