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**Topcon announces robotic-based system for**

**concrete paving**

*LIVERMORE, Calif. – February 25, 2016 –* Topcon Positioning Group announces a local positioning system (LPS) for concrete paving. The LPS Paving System is designed to provide a stringless paving solution in conditions when GNSS signals are blocked or unavailable. It uses multiple Topcon [PS series](https://www.topconpositioning.com/total-station-solutions/robotic-total-stations/ps-series) robotic total stations — tracking two prisms mounted to the concrete paver — for steering and elevation control.

“This robotic-based system does not encounter sensor outages from bridges and tight paving lanes, including sound walls and active traffic on a mainline project, which could be a problem using GPS,” said Brian Lingobardo, Topcon­ 3D road construction systems manager.

The LPS system uses the new MC-i4 receiver with LongLink for local communications between the robots. “Multiple robots can be setup ahead of time for seamless transitions and without the need to stop to switch total stations. Often a contractor needs to minimize stoppage to achieve tight ride specifications on projects such as tollways,” Lingobardo said.

“The robots provide very accurate data to the paver’s control system and in turn the results are very impressive,” said Lingobardo.

Visit [topconpositioning.com](https://www.topconpositioning.com/) for more information.

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**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).

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