

**Topcon announces new advanced features in   
deformation monitoring system**

*LIVERMORE, Calif., U.S./ CAPELLE A/D IJSSEL, the Netherlands – September 26, 2017 –* Topcon Positioning Group announces updates to its [Delta Solutions](https://www.topconpositioning.com/software-solutions/monitoring-software/delta-solutions) deformation monitoring system including software management improvements and advanced modular configurations.

“Since the launch of Delta Solutions at Intergeo 2016, we have seen many systems installed and successfully operated across Europe and North America,” said Ian Stilgoe, vice president Europe GeoPositioning Solutions for Topcon Positioning Group. “Now, to build on that success we are implementing new features for a more comprehensive package that facilitates ease of use.”

Delta Watch features new configuration choices employing either robotic total stations or GNSS with the ability to add leveling sensors. “An additional module is available to enable all three sensor types to be combined into a single deformation monitoring system. Whatever the Topcon sensor combination, these can be computed within one combined network adjustment solution,” said Stilgoe.

The system now also includes a new optional rail monitoring module. Stilgoe said, “This new feature is designed specifically for rail deformation monitoring activities to provide the creation of virtual sensors such as cant and twist measurement or track alignment and displacement.”

Delta Watch also features a new monitoring system diagnostics module designed to allow operators to check the performance and health of the internal monitoring system hardware for operational troubleshooting and the planning of any maintenance requirements.

Operators now also have a choice of using either metric or U.S. survey units as the default values in the software.

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). 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), founded in 1932, is traded on the Tokyo Stock Exchange (7732).

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