Monitoring Railways
Ontario - Canada

Background

The construction of a Verona System by the company Petrucco required a series of checks to be carried out during the thrust phase involving the underpass beneath a railway section, implemented without interrupting the traffic. One such check involves continually monitoring track skew.

The solution

Synthesis offered Petrucco a solution that included *WineCap™* inclinometer data loggers, to continually check the X and Y axes and send the data to the collection gateway.

The result

The results monitored are displayed on a computer directly on site, for maximum safety control of the railway section. A dedicated web platform was also developed, which can easily be accessed by everyone involved in the operation. In the event of data outside the threshold, the bridge is raised temporarily by a dedicated hydraulic circuit and the correct track geometry is restored.

WSD15TIDR

SYNTHESIS
ENGINEERING SERVICES & GEOMONITORING

Capetti ELETTRONICA
DAL 1973

The winning choice WineCap

- ✓ WSD15TIDR (inclinometer data logger)