

## Train-on-Track Rail Tracking and Monitoring



AVANTE Train-on-Track Locating System uses passive, power-independent and maintenance free sub-grade locating devices that can be installed in minutes without interrupting rail operations.

- MOBILE Train-On-Track Locating devices are placed at few kilometers ahead that alert the train engineers to slow down or stop
- Installed in months, at 1/5 of the costs or less
- Situational awareness can be installed as needed in minutes

Train-on-Track Locating Devices are designed to be embedded underground, either below the rock surface (10-15 cm) or below the concrete (2-4 cm)

- Installed without interrupting rail services
- Maintenance-free
- Protection against vandalism and tampering

Tested and Proven Capabilities in Inclement Conditions:

- Surface water from rain and water submersion from flooding
- Snow accumulation up to 3 feet
- Temperature hotter than 85°C, and down to -55°C