Enables a centralised and consistent approach to the assessment of PTI risks. The framework prompts the comprehensive identification of all the information, risk factors and existing controls related to PTI risk on a platform-by-platform or station basis.

Provides industry with the ability to access national and local data, to help inform and prioritise activities based on broader insight. It also enables better information sharing between interfacing companies.

Since April 2016 over 270 PTI assessments have been undertaken and 19 duty holders have used the system.

You can find further information about this project on SPARK, search for T1029

[www.sparkrail.org](http://www.sparkrail.org)

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The 2016/17 Annual Safety Performance Report shows that there were 11 Fatalities and Weighted Injuries at the PTI in the last reporting year, including four fatalities. This represents 31% of all station harm and the majority of all passenger fatalities.

To reduce and mitigate PTI risk the industry needs to understand the causes, controls and mitigations. The PTI Risk Assessment tool was created to help do this and is the product of an RSSB research project (T1029). It was developed using a collaborative approach with input from staff who undertake train dispatch and PTI risk assessments.

The tool enables railway station managers and safety managers to:

- review the safety arrangements in place for managing PTI risk
- consider the effectiveness of these arrangements
- prioritise areas for improvement.

The tool is now in use by duty holders such as Arriva Trains Wales, c2c, Chiltern Railways, East Midlands Trains, Merseyrail, Southeastern and Network Rail.

The main component of the tool is a web portal, which is supported by an app. The app can be used offline and enables assessment data to be gathered onsite regardless of mobile or Wi-Fi coverage.

Data from other industry sources is provided by the tool to better inform and help automate the assessment:

- SMIS (Safety Management Intelligence System) provides information on relevant PTI incidents for each station.
- ORR footfall figures indicate station usage and how this has changed from previous years.
- The tool is also populated with data on different types of rolling stock.

Reporting from the tool is automated. It provides a facility to track assessment recommendations and enables companies to see all the PTI improvements for their stations.

The web-based nature of the tool makes updates and enhancements easier to rollout. A recent review with industry identified functions and features that can be improved and will encourage wider adoption. In response to this feedback, RSSB has instigated activity to refine and improve the tool. A range of duty holders have volunteered to test and trial these modifications. This continued partnership approach is helping to secure wider adoption of the tool.