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**INNOVATIONS  
AND TRENDS**

## Railroad station intelligent safety management automation system



Railroad Station Intelligent Safety Management Automation System



This technology is the safety management automation system designed to recognize and spread the various situations occurring at railroad stations in real time. The CCTV image analysis and 3D calibration technology can detect passengers' falls from platforms, escalator accidents and fires. In addition, the deep-learning and real-time tracking technology can detect drunk passengers and prevent their accidents. The accidents, detected by the image recognition, are displayed in real-time accident images and in 3D map location, through the monitoring system. The technology enables the station employees' smart device app. to speedily receive and confirm the accident information from the site.

**Korea Railroad**  
**Republic of Korea - Daejeon**  
**7.1a, 302**

Contact: Ahn Se-young  
Phone: +82 42 6155213  
[ahnsy88@korail.com](mailto:ahnsy88@korail.com)  
[www.korail.com](http://www.korail.com)

Subject to further change