BMW Forschung u. Technik GmbH.
25th Anniversary of a Think Tank.

TrackTrainer and Emergency Stop Assistant.

BMW Group
## TrackTrainer and Emergency Stop Assistant

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The vehicle shows the driver the racing line.
TrackTrainer and Emergency Stop Assistant. TrackTrainer – Functional description.

Step 1
Autonomous driving of the racing line

Step 2
Online feedback

Step 3
Offline analysis
TrackTrainer and Emergency Stop Assistant.
TrackTrainer – Video.
TrackTrainer and Emergency Stop Assistant.
TrackTrainer – Technology.

First autonomous lap on the Nürburgring Nordschleife on October 21st, 2009
TrackTrainer and Emergency Stop Assistant. Technology transfer.

Basis for the development of automated driving functions as e.g. the Emergency Stop Assistant.
TrackTrainer and Emergency Stop Assistant.
Emergency Stop Assistant – Function.

Driver is incapacitated of driving

Vehicle takes over control

Vehicle drives autonomously to a safe state.

Target: avoid an accident or mitigate accident severity.
TrackTrainer and Emergency Stop Assistant.
Thank you for your attention.