Thanks to the emergency call, almost every new build car has a SIM card installed which allows as a wonderful side effect to also open data connections to the vehicle. Therefore, the cars are potentially (almost) always online. This allows the creation of many new services such as automatically generated drivers log, solutions to centrally optimize the routes of a whole fleet, or totally new transportation concepts. As a prerequisite, new IT-systems in the back-end have to be developed because a significant part of the new magic does not happen inside the vehicles. Ingo will give an introduction to some of the new ideas and aspects of the IT infrastructure & connectivity solutions including a short demo.

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Ingo Melzer holds a Ph.D. from the University of Ulm in Computer Science. He worked for DaimlerChrysler R&D and represented the company at the W3C, Daimler Financial Services (Mercedes-Benz Bank) as an IT architect, and Daimler in the field of vehicle diagnostics and now connectivity. His current focus is on designing IT systems which are used for fleet solutions enabling new business models for future transportation, and on building the infrastructure for autonomous driving.