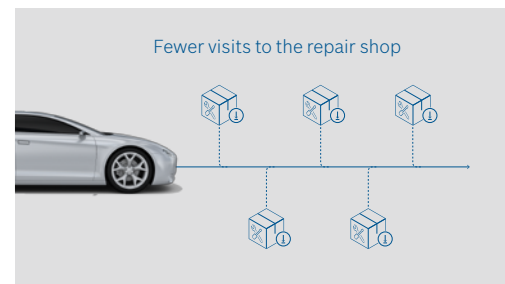# Updates over the air

Bosch keeps cars up to date – securely

Connected mobility

Direct from the cloud – Updating a car as easily as a smartphone

Regular security updates provide protection from cyberattacks

Fewer visits to the repair shop

- ▶ With software or firmware updates over the air (SOTA/FOTA), Bosch can now ensure that vehicles are always state of the art.
- ▶ SOTA/FOTA reduces repair shop visits and thus costs and makes new or improved functions available directly to the driver.
- ▶ The Bosch IoT Cloud offers the utmost security for the data of over-the-air updates; in particular, ESCRYPT – the leading security specialist for the automotive sector.
- ▶ A delta algorithm ensures that only the delta package, generated from two software or firmware packages, is sent as an update – this minimizes the volume of data to be transferred.
- ▶ Carrying out the update in sequence is an additional security measure: if any problems arise, the update can be stopped to make adjustments.

more efficient

Fast update technologies like delta and compression mechanisms accelerate the update process and reduce costs.

making the process cheaper

for manufacturers and drivers alike by eliminating recalls and repair shop visits that cost time and money.