

## FAQ

# OnEfficiency.SmartAccelerate

### What exactly is OnEfficiency.SmartAccelerate?

OnEfficiency.SmartAccelerate is a software upgrade for a DIWA transmission that helps to reduce fuel consumption. It is dynamically limiting the admissible engine torque depending on the actual surrounding parameters.

### For which DIWA transmissions is OnEfficiency.SmartAccelerate available?

The software upgrade is available for all DIWA.5 transmissions installed in buses where there is an approval from the OEM.

### Is OnEfficiency.SmartAccelerate homologated by the OEM?

An extensive list of OEM's is available that allows us to conduct a vehicle upgrade. For further information, please contact your Voith contact.

### Can OnEfficiency.SmartAccelerate guarantee a minimum fuel reduction?

No.

The fuel consumption depends on many external factors, and the driver's behavior can have a large influence.

## Can I safely drive up-hill with a fully loaded bus while OnEfficiency.SmartAccelerate is activated?

Yes of course. OnEfficiency.SmartAccelerate takes the load of the vehicle into account and releases more engine power when the bus is loaded.

## Is OnEfficiency.SmartAccelerate safe?

Yes, we don't interfere with the vehicle safety features and the upgrade is only installed on vehicles where we have an OEM allowance.

## Is OnEfficiency.SmartAccelerate harmful for the driveline?

In more than 1.200 installations, we did not find evidence that the driveline is harmed by OnEfficiency.SmartAccelerate upgrade. Moreover, we expect less wear and tear of your driveline since it is frequently operating with a reduced torque.

## Is additional hardware needed?

No.  
The OnEfficiency.SmartAccelerate software will be installed on the existing DIWA ECU.

## Can OnEfficiency.SmartAccelerate be used when SensoTop is activated?

Yes, because OnEfficiency.SmartAccelerate is an additional upgrade on the existing topography-dependent gear-shifting program SensoTop.

## Can OnEfficiency.SmartAccelerate be turned off by the driver?

This depends. In most cases it is a permanent installation that your driver cannot turn off. However, in some cases a driver can select a shifting program on the Dashboard. In this case you could have the possibility to upload OnEfficiency.SmartAccelerate under one of these pre-settings. Please inquire with your Voith DIWA contact to find out more.

## In which countries is OnEfficiency.SmartAccelerate available?

OnEfficiency.SmartAccelerate is available in every country where Voith received the OEM allowance to update the DIWA ECU.

## What is the lifetime of OnEfficiency.SmartAccelerate?

There is no separate life time to be mentioned, due to the fact that OnEfficiency.SmartAccelerate a software upgrade is. It thus depends on the lifetime of the bus respectively transmission.

## Can the update be reversed from the DIWA ECU or the software be accidentally overwritten during updates?

Yes and no. During a regular transmission diagnosis you can't accidentally overwrite the update. A (Voith) DIWA service engineer can however overwrite, delete the update or bring the DIWA software back to the default settings.