Fuel Savings and Less Maintenance through Digitalization at Svealandstrafiken

Saves environment, time and money

Environmental investment with fast ROI

The cooperation with Pilotfish has resulted in considerable fuel savings, time savings regarding driver seat temperature measurements and tachograph download and reliable statistics regarding driven kilometers, which results in better predictability and accuracy in maintenance planning. Svealandstrafiken can also avoid vendor lock-in thanks to Pilotfish and the standardized and open vehicle communication platform.

- **More than 10% reduction in fuel consumption**
- **400 000 SEK in savings/month**
- **20-25 tonnes reduction of CO$_2$ emissions per month**
- **ROI in less than a year**

Challenges

One of the most important goals with the cooperation with Pilotfish was to lower the fuel consumption and carbon footprint.

Another aim was to get away from a situation with investments in new hardware for every new functionality, which was very costly and added unnecessary work.

The personnel also had to go rounds to measure temperature and collect tachograph data manually in each bus, and the export of driven distance into the vehicle monitoring system was unreliable with incorrect data resulting in random over-serving and under-serving of the vehicle fleet.

We save time and increase quality as a result. Digitalization gives us more reliable statistics and a better decision base, which makes it easier to choose the right direction. This helps us save money.

– Tommy Smedberg
Head of IT
Svealandstrafiken

Svealandstrafiken AB

A Public Transport Operator that serves Västmandland and Örebro county with public transport, is in the forefront of vehicle fleet digitalization.

Number of vehicles
320

Systems from Pilotfish
- VG210
- External antenna
- FK301 Driver Console
- Manual Fault Report
- Fuel Economy
- Checklist
- Tachograph Download
- Transit Cloud
- Back office integration (BUMS)
- Driver log on with driver ID and block connected with Mobitec ICU