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UL SMART TACHOGRAPH CARD PERSONALIZATION VALIDATION TOOL

Who is it for?

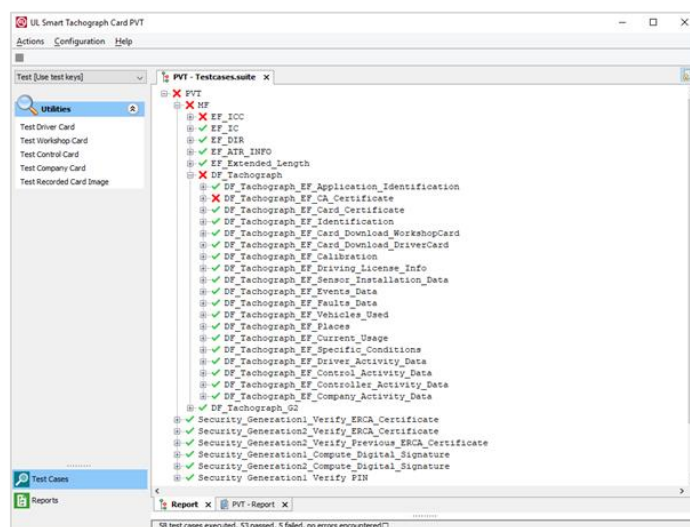
The UL Smart Tachograph Card Personalization Validation Tool (PVT) is intended for Smart Tachograph Card manufacturers or personalisers, as well as OEMs or EU Member States who want to test and/or verify the correct personalization of a Smart Tachograph card.

Why do you need it?

It is very important to personalize the cards in the correct way. Data printed on the outside of the card and in the chip must be correct and consistent in order to verify reliable functioning of the Smart Tachograph card system and interoperability with Vehicle Units. The UL Smart Tachograph Card PVT makes sure that the personalization of Smart Tachograph cards is correct and complete.

What is inside?

The UL Smart Tachograph Card PVT is a test environment for testing the correctness and consistency of all personalization data in a Smart Tachograph card. It is intended for Card Issuing Authorities, to validate during personalization development that the personalization profile(s) developed for the different types of tachograph card are correct, and Card Personalizers, to verify that the personalization of produced cards is correct, for example by verifying the correct personalization of selected cards.



Key benefits

- Shortens your time-to-market
- Easy-to-use user interface
- Clear feedback and reporting
- Easy to customize
- Verify conformance and interoperability

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Specifications

Features

The UL Smart Tachograph Card PVT focuses on:

- The presence of all necessary data and cryptographic keys in the chip.
- The correctness of access conditions to all Elementary Files in both applications.
- The presence of correct initial data in the files (i.e. the cards are unused).

The UL Smart Tachograph Card PVT can be used for testing Smart Tachograph cards that have been personalized with test keys as well as digital tachograph cards that have been personalized with production keys.

Test automation for all four cards

Tests all four cards in the EU tachograph system:

- Driver
- Control Officer
- Workshop
- Company

Hardware

Dedicated test hardware for smart cards that can be used for testing and analyzing communication signals between a smart card and a terminal.

- UL Contact & Contactless Chip Reader



UL Smart Tachograph Test Tools

The UL Smart Tachograph Card Personalization Validation Tool is part of the UL Smart Tachograph Card Test Tool portfolio developed by UL. The portfolio consists of dedicated hardware and software components for testing Smart Tachograph cards and Smart Tachograph vehicle units. These include the UL Smart Tachograph Card Functional Test Tool, UL Smart Tachograph Card Help Desk Tool, and the UL Smart Tachograph Card Simulator.



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