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UL SMART TACHOGRAPH CARD HELP DESK TOOL

Who is it for?

The UL Smart Tachograph Card Help Desk Tool (HDT) is intended for Smart Tachograph Card manufacturers or personalizers, as well as OEMs or EU Member States who want to test and/or verify the correct functioning and regulatory conformance of a Smart Tachograph card issued to a card holder.

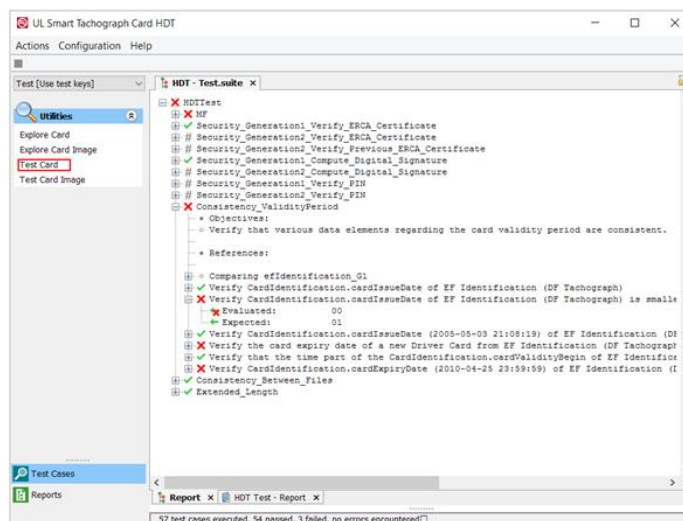
Why do you need it?

It is very important that cards function correctly and comply with EU Commission Implementation Regulations. Sooner or later, used cards will return from the field for which problems have been reported. The UL Smart Tachograph Card Help Desk Tool verifies that the returned Smart Tachograph card is functioning, analyses data that has been written to the Smart Tachograph card, and reports in which structures on the card the data is not in accordance with regulations regarding Smart Tachograph cards.

What is inside?

Each time the UL Smart Tachograph Card Help Desk Tool is used to check the personalization of a tachograph card, two reports are produced:

- A high-level report in HTML format, which can be saved as a PDF document.
- A detailed test report, which shows all results on the byte level and shows the exact location of any personalization error in the card under test.



Key benefits

- Easy-to-use user interface
- Clear feedback and reporting
- Verify conformance
- Easily discover card issues
- Fast results

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Specifications

Features

The UL Smart Tachograph Card HDT 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 HDT 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 Help Desk 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 Personalization Validation Tool, and the UL Smart Tachograph Card Simulator.



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