

# Smartspy+

Easily evaluate transactions, anywhere.



Contact and contactless transaction spy solution.

## Overview.

**Smartspy+** is an innovative, small, light and portable solution. It captures, records and analyzes contact or contactless communications between smart cards, NFC tags, ePassports and mobile devices and readers.

Capture, record and analyze any transaction while in the field.

**Smartspy+** enables product developers and system integrators to easily check, debug and validate their products at any location during the integration process.

## How it works.

**Smartspy+** includes the **Smartspy+ Analyzer** (software) and **Probe+** (hardware).

- **Smartspy+ Analyzer** controls the hardware, allowing you to manage, record and display transactions.
- **Probe+** captures contact and contactless transactions. Rechargeable battery and USB / UART or BLE connectivity enable portability.
- **ReaderPerformance** (option) enables to read performance testing by recording and synchronizing light and sound signals from a reader with a transaction log.

## Key benefits

- Test anywhere thanks to BLE, embedded memory and lithium-polymere battery.
- Get your logs compatible with all L3 testing portals.
- Improve the performance of your reader with the **ReaderPerformance** option.
- Easier transaction capture thanks to enhanced hardware sensitivity.
- Flexibility is built in and new features can be easily added to meet your unique needs.

## Key features

- Captures and interprets ISO / IEC 14443 RF protocol and ISO / IEC 7816 contact protocol.
- Provides multiple views of the transaction (image of the signal, L1 / L2 protocol and timing logs).
- Reproduces the L2 behavior of a reader or card with the spy log (available in Q3 2021).
- Ideal for L1 / L2 debugging, L2 / L3 logs capture, L2 timing measurements.

Define

Design

Deliver

Test



## What's in the box?

The tool comes complete with all hardware and accessories needed to perform testing.

- **Probe+** with all necessary components.
- Software installer.
- Options are provided in the box if they are purchased with the full solution. If not, they are provided in a standalone box.



## Why choosing this spy solution?

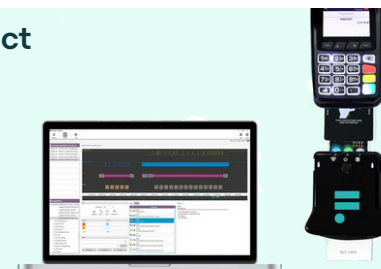
### Smartspy+ solution

- **Matching your needs.**  
It enables product developers and system integrators to easily check, debug and validate their smart cards, NFC tags, ePassports, mobile devices and readers at any location during the integration process.
- **Portable and wireless (BLE).**  
You can easily record a contact or contactless transaction wherever you are with the **Probe+** hardware, thanks to its built-in Bluetooth Low Energy (BLE) component and long life embedded battery.
- **Intuitive user interface.**  
Using a transaction debug tool kit has never been easier with **Smartspy+ Analyzer** software. It compiles data to simplify analysis of the transport and application layer protocols.
- **Agile solution.**  
The **Smartspy+** solution has been designed with flexibility in mind. New features can be easily added to meet your unique needs.
- **Compatible hardware.**  
The **Probe+** can be used with other Fime solutions such as **Savvi**, **Savvi+** and **Eval+**.

## Contact and contactless software environment.



### Contact



### Contactless



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## Contact

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