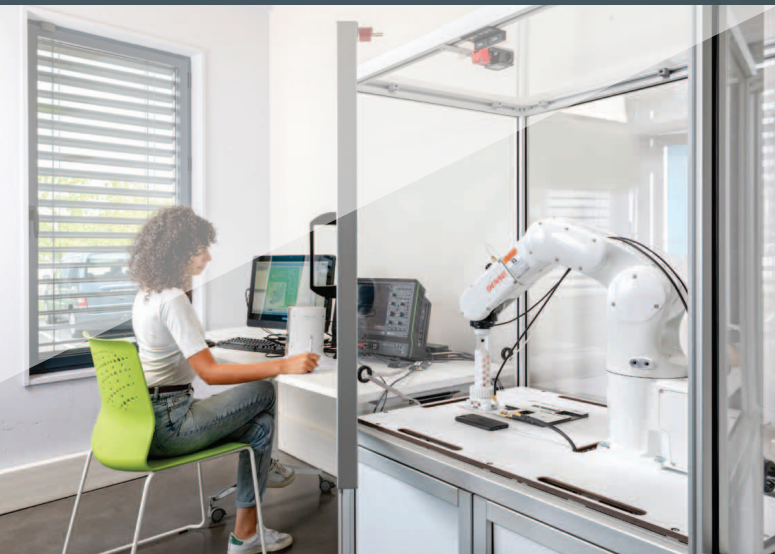


KEOLABS provides consulting and characterization services to help its customers choose the right design during their product development process.



A NFC product development process requires to follow a sequence of steps like design, prototyping, validation, certification and production.

For each step, **KEOLABS can support and advise the customer** to choose the right design of antenna, to characterize the combination chip/antenna, to test the first prototype or to validate the final product with the right standard and solution.

The RF know-how and the interactions with the product is a complex issue, but KEOLABS provides different services to help customers **increase their level of expertise**.

KEY SERVICES

- ✓ Technical training about standards (ISO, EMVCo, NFC Forum, ICAO, etc.)
- ✓ Advice for design of antenna and product integration
- ✓ Characterization of a prototype (card, tag, mobile, reader, DIP, board)
- ✓ Test of several samples with a focus on specific performance criteria
- ✓ Characterization report including logs, measurements and detailed analysis

FLEXIBILITY

Characterization can be performed according to parts of a standard or focused on a specific test case.

It is also possible to establish a specific test plan based on concerns expressed by the customer.

ADVANCED EXPERTISE

To maintain its position at the cutting edge of testing technology, KEOLABS participates in all major international standards for payment, mobile, identity and transportation sectors (ISO, EMVCo, NFC Forum, ICAO, etc.).

The tests are performed by experts actively involved in the development of testing tools used for the characterization.



Training

KEOLABS may help its customers increase their level of expertise by providing fundamental knowledge about international standards and specifications. It is not just an academic training, and participants can familiarize themselves with concrete and practical examples using characterization tools (platforms and software) developed by KEOLABS.

The trainings include topics such as: generic sessions about standards (ISO14443, EMVCo, ICAO, etc.), comparison and interoperability issues between these standards, foundations about card antenna design, analyzing a failed NFC transaction, and much more.

KEOLABS' specialists can deliver remote and on-site courses tailor-made for each customer, adapted to beginners as well as to advanced learners.



Product design

KEOLABS provides guidance on product design. Thanks to the experience capitalized on various projects, KEOLABS' experts can help its customers select the best hardware configuration. This configuration is tuned during the R&D phase thanks to a detailed test plan prepared by KEOLABS, and these tests are then customized in a streamlined process for production.

Consulting

It is important to improve the performance of a product in term of interoperability coverage, operating volume, power consumption, etc. The consulting services of KEOLABS consist of the following tasks: establish a diagnosis of the situation, analyze the needs, write recommendations with different scenarios and present them to the customer.

