COLLABORATION

Xiaomi selects Micropross for test of the NFC interface of their smartphones

Lille, 12 november 2013: Xiaomi, a global company specialized in the design and manufacturing of Android powered smart devices, has selected Micropross test solutions for the validation of the NFC interface of their future products.

Micropross has acquired over the years a strong reputation on the market for the supply of test solutions for the fields of smartcard, RFID, and NFC, allowing their customers to perform in-house pre-certification sessions, before submitting their devices to official validation houses, which also most probably use Micropross test equipment for type approval. Xiaomi, who is just about to launch NFC enabled devices was looking for test equipment to test, on the one hand, the compliance of their products with the main standards (EMVCo, ISO, NFC Forum, …), and on the other hand, the overall interoperability with other types of NFC enabled products (smartphones, smart labels, …). Xiaomi engineers and product managers naturally chose Micropross technology to perform those tasks.

Xisohui Pi, NFC project manager at Xiaomi, commented: « Xiaomi has an approach of the verification of their products which is all about quality and reliability. We therefore had to make sure we would select the right partner to help us reach our goals, and **after evaluation of the different possibilities, it became obvious that Micropross had the best proposal. Their expertise in the field of contactless interface testing is very famous on the market**, and they are the only test tool providers to **propose solutions that cover all business cases we consider for our products, such as payment (EMVCo), ticketing (ISO) or NFC"**.

Indeed, **Micropross coverage is unquestionably the widest on the market**. On the same platform, and using always the same hardware, Micropross proposes **solutions for EMVCo, NFC Forum, ISO 10373-6, ISO 10373-7, and ICAO, each time for analog and digital compliance testing**. And the Contactless Test Station concept, gathering inside the same box a PC, generation and measurement devices, will enable Xiaomi to obtain test results very quickly, and thus reduce the time to market of their products.

Philippe Bacle, CEO of Micropross added: " I am delighted to see Xiaomi join the big family of innovative companies that have made the choice of trusting Micropross for the test of their products. The NFC technology is more and more embedded in the smart devices that are released every day, and **Micropross test systems will help Xiaomi not only to qualify and debug their products, but also to make sure that they will correctly interoperate with all other devices**. Xiaomi people are in great hands, and I am looking forward to this fruitful collaboration".

In addition to the great convenience of the solution from a technical point of view, Xiaomi also appreciated the fact that Micropross solutions are **validated by both EMVCo and the NFC Forum, and massively present at validation houses (and therefore used for final type approval), but also at R&D centers of NFC chipset providers**. Micropross logfiles have become over the years the Esperanto of technical exchanges around the NFC and other contactless technologies at 13.56MHz, and Xiaomi will be able to easily exchange data with their partners, which also use Micropross technology.