

NFC (Near field communication)

Near field communication (NFC) is a set of standards for smartphones and similar devices to establish radio communication with each other by touching them together or bringing them into close proximity, usually no more than a few inches. Present and anticipated applications include contactless transactions, data exchange, and simplified setup of more complex communications such as Wi-Fi. Communication is also possible between an NFC device and an unpowered NFC chip, called a "tag".

PRODUCT OFFERING

Following the industry trends and customer requirements ACT believes the SIM card needs to become a secure storage element for contactless applications, and Near Field Communication (NFC) technology to bring new growth opportunities in the mobile telecommunications market. With the SWP allows a contactless application on the SIM to achieve these goals. Here the benefits of our NFC (SWP) Proposition:

- Security the SIM as a secure element, bringing high levels of confidence. SIM storing secure applications
- Universal & cost effective
- Service continuity, battery independent
- Standardized (ETSI, SCP, 3GPP, Global Platform)

“**Mobile NFC applications** need to be performed in a secure environment (SE). The UICC provides both logical security and physical security.” (GSMA)

TECHNICAL SPECIFICATION

- Java Card 3.0.1 Classic Edition
- Global Platform 2.2.1 – UICC Configuration
- GP Amendment A, B, C
- 2G/3G ETSI Rel9 SIM/USIM/ISIM
- Near Field Communication (NFC)
- Smart Card Web Server (SCWS)
- Multimedia Broadcast / Multicast Service (MBMS)
- Extensible Authentication Protocol (EAP)
- VMPA & MasterCard Paypass

