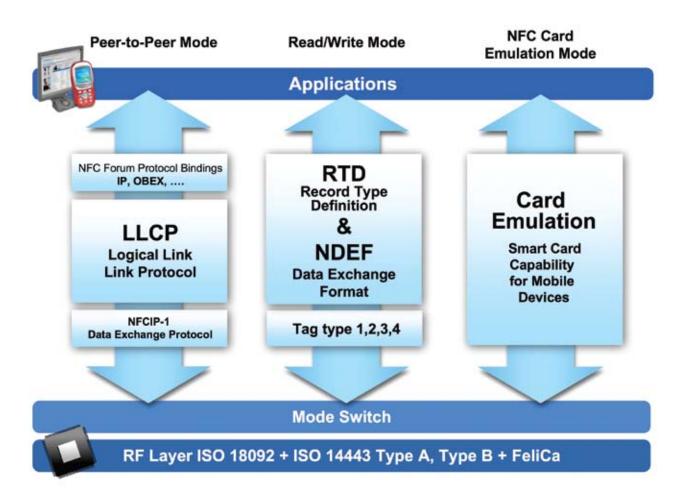# NFC Technology

Near Field Communication technology evolved from a combination of contactless identification and interconnection technologies. In June 2006, the NFC Forum took a significant step to enable manufacturers and applications developers to create powerful new consumer-driven products when it unveiled the NFC technology architecture and announced the first five Forum-approved specifications at a Web news conference.

Forum officials also announced four initial tag formats based on ISO 14443 Type A and 14443 Type B standards (ISO 14443 is a four-part international standard for contactless smart cards operating at 13.56 MHz in close proximity with a reader antenna), and on the NFC standard ISO 18092. NFC Forum-compliant devices must support these formats. These specifications are:

• NFC Data Exchange Format (NDEF)

• NFC Record Type Definition (RTD)

• NFC Uniform Resource Identifier (URI) Service Record Type Description

• NFC Text Record Type Description

• NFC Smart Poster Record Type Description

NFC Forum Technology Architecture