

The rising potential of *NFC*

THE STATUS QUO OF NFC

What is NFC?



How does NFC function?



NFC enabled devices



01

Near Field Communication (NFC) is a **contactless** method of data transfer between two separate mediums.

Initiator and **target** device communicate wirelessly (e.g. phone and NFC chip). The target device can be passive.



4 cm optimal distance



13,56 Mhz band

Over **2 billion** NFC enabled devices as of 2019.



In 2019 about **85%** of shipped phones have native NFC support.

In 2019 **Apple** opened up the NFC capability for third party apps.



NFC is already engrained in our daily lives. Mobile payments are on the rise.

\$1,1 trillion in 2019



\$4,7 trillion in 2023

LEVERAGING NFC FOR DAILY USE

Dutch use cases



Custom solutions by Tagtell



02

HEALTH

Use in dutch hospitals to track nurse **attandancy** in treating rooms.

SAFETY

Use by government agencies and airport of Schiphol for automated **passport control**.

COMMERCE

Widespread use in **contactless payments** using smartphones and payment terminals.

Web based **programming tool** built in-house to make programming NFC chips a breeze.



Cloud database containing NFC chip data which makes programming large batches of NFC chips as well as reprogramming them much easier and less complex.



Experienced in realizing web based solutions with use of **custom** NFC chips.



Chips can be made fully weatherproof and resilient to damage, according to your needs.