

New paradigm for NFC

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New Paradigm for NFC 2

Leverage all of NFC technology!



Close Encounters of the 5th Kind

The NFC Forum recently added Type 5 tags to their specifications



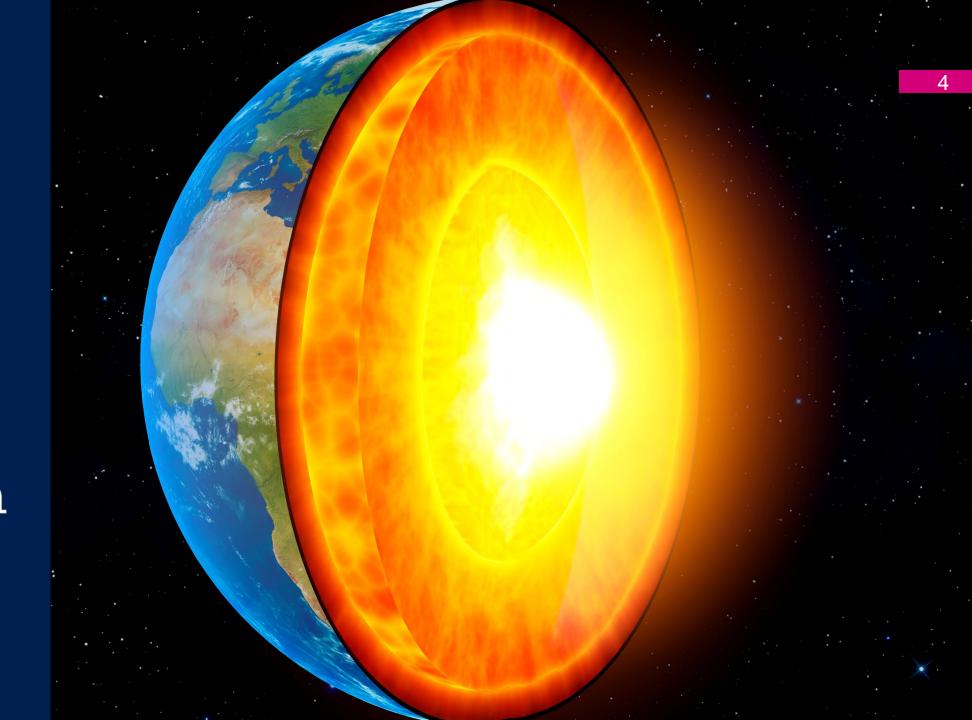
- Activation energy
- Improving NFC user experience
- Ubiquitous NFC: connecting more "Things" to the IoT
- From factory to consumers
- Interoperability and consistency



1

Activation Energy

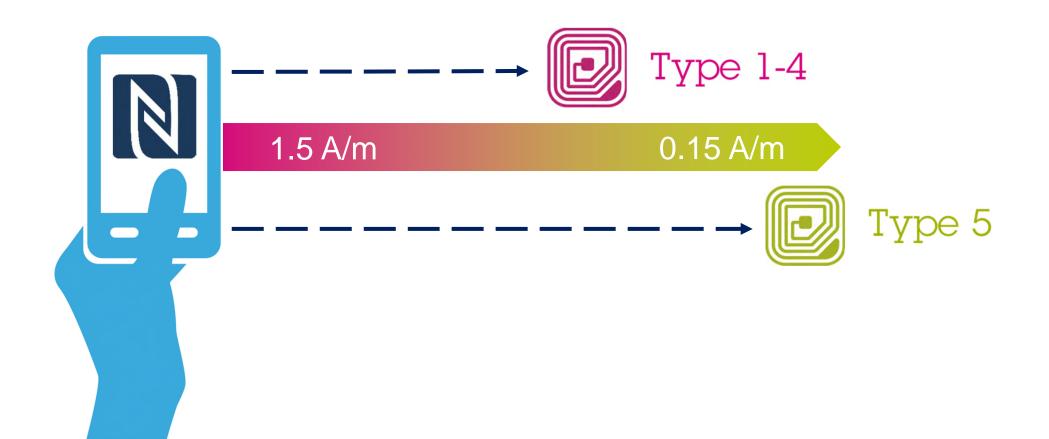




Activation Energy

the Lower the Better!

Type 5 tags are lower power, enabling better range





Type 5... an Extra Boost

NFC remains near field communication



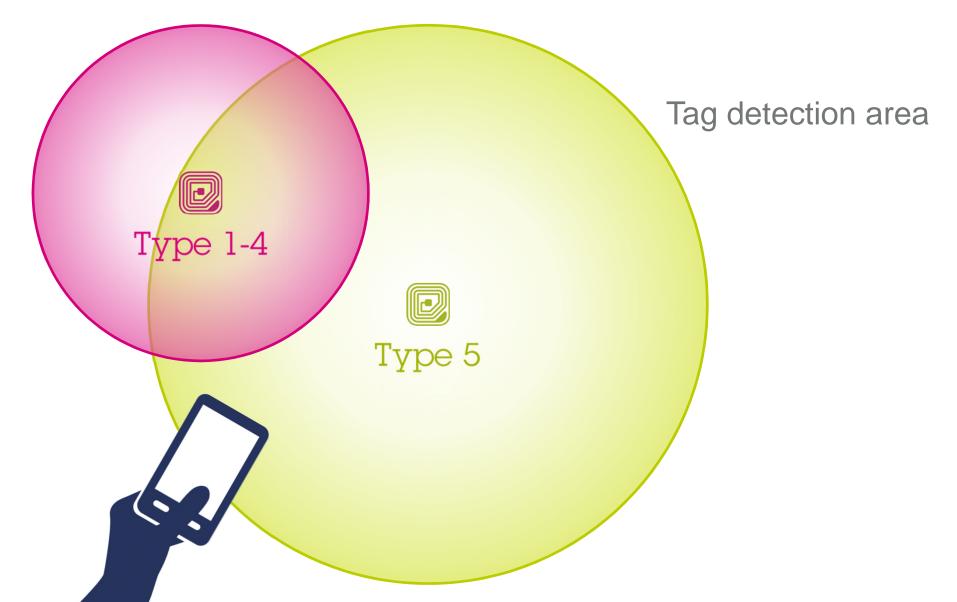


User Experience





Type 5 Makes Discovery Much Easier





3

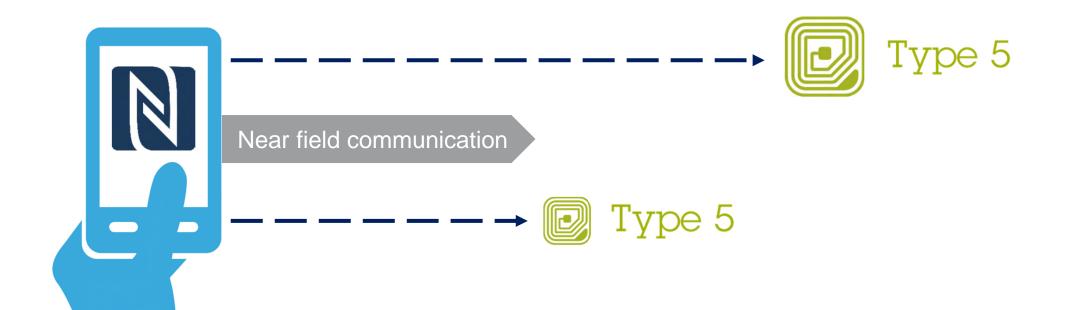
Ubiquitous NFC





Type 5... an Extra Boost! 10

Enabling smaller antennas for near field communication



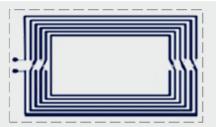


Ubiquitous NFC

It is all About Integration

Small antennas, a better fit for IoT

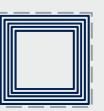








Type 5





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From
Factory to
Consumer





From Factory to Consumer

Bridging RFID and NFC











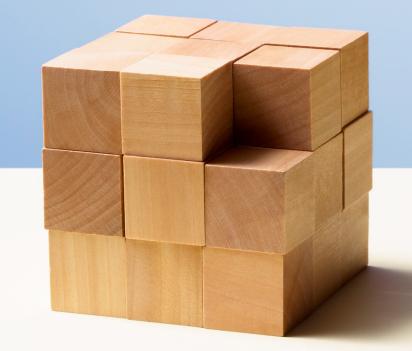












Consistency and Interoperability





Consistent User Experience

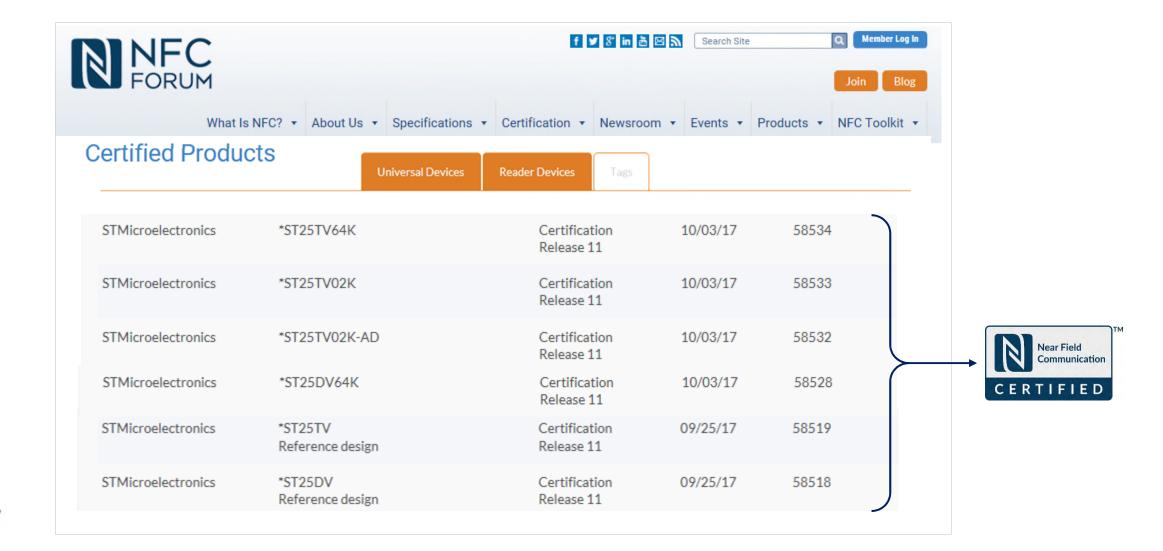
Better Interoperability

NFC Forum Certification Program extended to Device & Tag





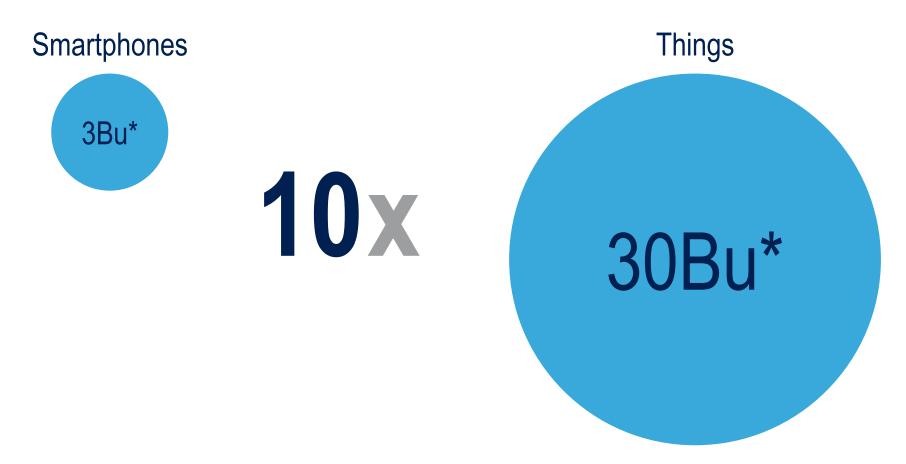
ST is a Proud Member of the NFC Forum 16





From Smartphone to IoT 17

Type 5 is the opportunity to expand NFC footprint





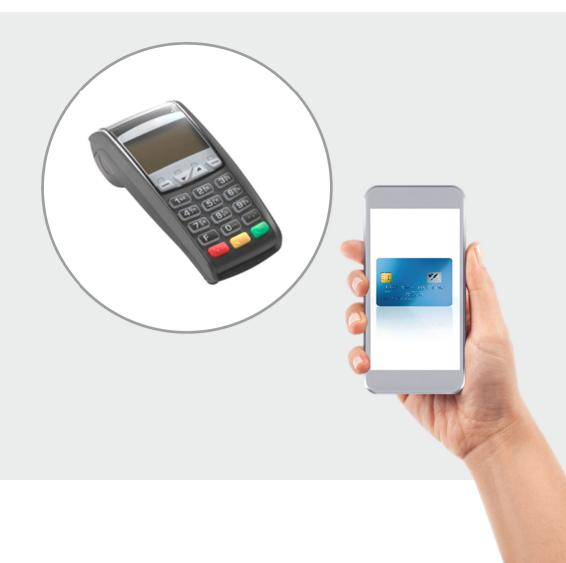
* Prevision for 2020 Sources: IHS

5 Paradigms of NFC Type 5



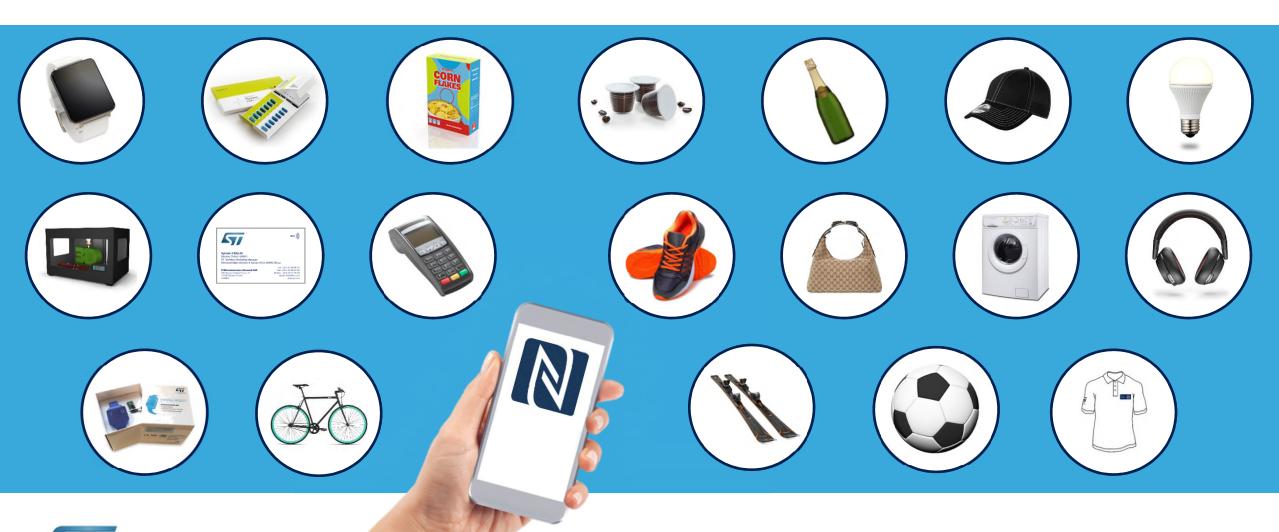


From NFC for Payment... 19





... to NFC for IoT! 20



Solutions for NFC / RFID Tags and Readers

