WHAT'S THE DIFFERENCE BETWEEN ... RFID & NFC?

3 PARTS OF A TYPICAL RFID SYSTEM:
- Reader
- Antenna
- Tag

RFID FREQUENCY RANGES:
- Low Frequency (LF): 125–134 kHz
- High Frequency (HF): 13.56 MHz
- Ultra High Frequency (UHF): 856 MHz to 960 MHz

ACTIVE
- Own power source
- Broadcast range up to 100 meters
- Ideal for material location

...or PASSIVE
- No power source
- Powered by a reader
- Read range from near contact up to 25 meters

RFID CAN BE EITHER...

POPULAR USES:
- Asset Tracking
- Race Timing
- Inventory Management

INFORMATION SHARING
Transferring info between smartphones by tapping two devices together

CONTACTLESS PAYMENT
Credit cards, debit cards, key fobs and other devices use NFC to make secure payments

“There are 150 million NFC devices now. By 2014, there will be 300 MILLION.”
Reed Peterson, Head of Business & Market Development for the GSMA

BIG GAME
TAP FOR MORE INFO

SMART POSTERS
Using an NFC-enabled smartphone, viewers can access exclusive content

NINE OF THE TOP TEN HANDSET MAKERS HAVE NFC-ENABLED DEVICES AND BOTH ANDROID & WINDOWS PHONES SUPPORT THE TECHNOLOGY

POPULAR USES:
- Tool Tracking
- Access Control
- Attendee Tracking

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