What is NFC? NFC or Near Field Communication, is a short range radio communication technology enabling the transmission of data between two items in close proximity.

What can NFC do for you? NFC can be used in many different ways to simplify your everyday life. People are rarely without their mobile phone, and NFC enables you to use it in new ways – From payments, to secure access to hotel or office, to sharing and receiving information, to earning discounts and rewards – harnessing the power of NFC brings with it new possibilities. And with NFC’s proven security and trusted infrastructure, you can fully enjoy the convenient experience of your mobile’s new capabilities.
The many uses of NFC

**VENDING PAYMENT**
Don’t have cash but need a refreshment on the go? Tap and go with NFC payment at the vending machine. A quick and easy way to pay with your mobile phone in the same mechanism by which your credit card is processed.

**RETAIL PAYMENT**
When you are shopping and it’s time to pay, you can check-out with a simple tap of your mobile phone while taking advantage of digital couponing. With NFC couponing and loyalty rewards, you can conveniently receive and redeem them at anytime, anywhere.

**TICKETING**
When time matters the most, NFC enables you to quickly pay and redeem your subway ticket so you can swipe your phone and get on your way. NFC ticketing combines the secure transfer of information from your mobile ticket to the reader and stores them conveniently on your mobile, enabling simplicity to your commute.

**ACCESS CONTROL**
Arriving at the airport, the NFC provisioned boarding pass enables you to quickly board with a tap of your mobile phone. NFC means traveling no longer involves waiting in long lines at the kiosk or worrying about a paper boarding pass.

**PHYSICAL ACCESS**
Gone are the days of losing your physical key since NFC technology turns your mobile phone into an access key. NFC digitally stores keys on your phone allowing secure access to buildings or hotel rooms.

**FILE SHARING**
Share things on the spot with your friends. With a simple tap between two phones, NFC enables easy sharing of data files, such as songs, documents, files or photos.
How does NFC work with your mobile phone?
An NFC chip in your mobile device, allows it to exchange data with an NFC reader when placed in close range. When a mobile device is tapped against an NFC reader, the mobile exchanges identity of user and directions on what to do: open a door, share a file, validate access, receive notifications, or make a payment, among other uses.

Why is NFC secure?
Your personal and sensitive payment information is securely stored on your phone within a Secure Element, a smart chip technology. The TSM, or Trusted Service Manager is another step in the layered security of NFC technology and acts as an intermediary between service providers and mobile operators to secure user identity.

All the elements in the NFC ecosystem are coming together to meet the growing volume of NFC-enabled handsets and to support the rollout of NFC projects worldwide. The global revolution in mobile payment and contactless services is underway. Learn more about how you can take advantage of NFC and benefit from the trusted infrastructure enabled by Gemalto.

Where can I use NFC?
What you might not know is that 1 in 3 phones are NFC enabled and by 2017 there are projected to be 43 million contactless point-of-sale (POS) readers in the US according to NFC World. This accessibility is paving the way for widespread NFC usage. Even today you can use it at many of the top retailers that you frequent every day.

Just look for this sign indicating a contactless reader to utilize the many capabilities of NFC – And you can start putting your NFC phone capabilities to use.