

# Technical Disclosure Commons

---

Defensive Publications Series

---

March 14, 2019

## USE OF NFC (NEAR FIELD COMMUNICATION) TO TRANSFER NETWORKING INFORMATION VIA INTERMEDIARY DEVICES

HP INC

Follow this and additional works at: [https://www.tdcommons.org/dpubs\\_series](https://www.tdcommons.org/dpubs_series)

---

### Recommended Citation

INC, HP, "USE OF NFC (NEAR FIELD COMMUNICATION) TO TRANSFER NETWORKING INFORMATION VIA INTERMEDIARY DEVICES", Technical Disclosure Commons, (March 14, 2019)  
[https://www.tdcommons.org/dpubs\\_series/2034](https://www.tdcommons.org/dpubs_series/2034)



This work is licensed under a [Creative Commons Attribution 4.0 License](https://creativecommons.org/licenses/by/4.0/).

This Article is brought to you for free and open access by Technical Disclosure Commons. It has been accepted for inclusion in Defensive Publications Series by an authorized administrator of Technical Disclosure Commons.

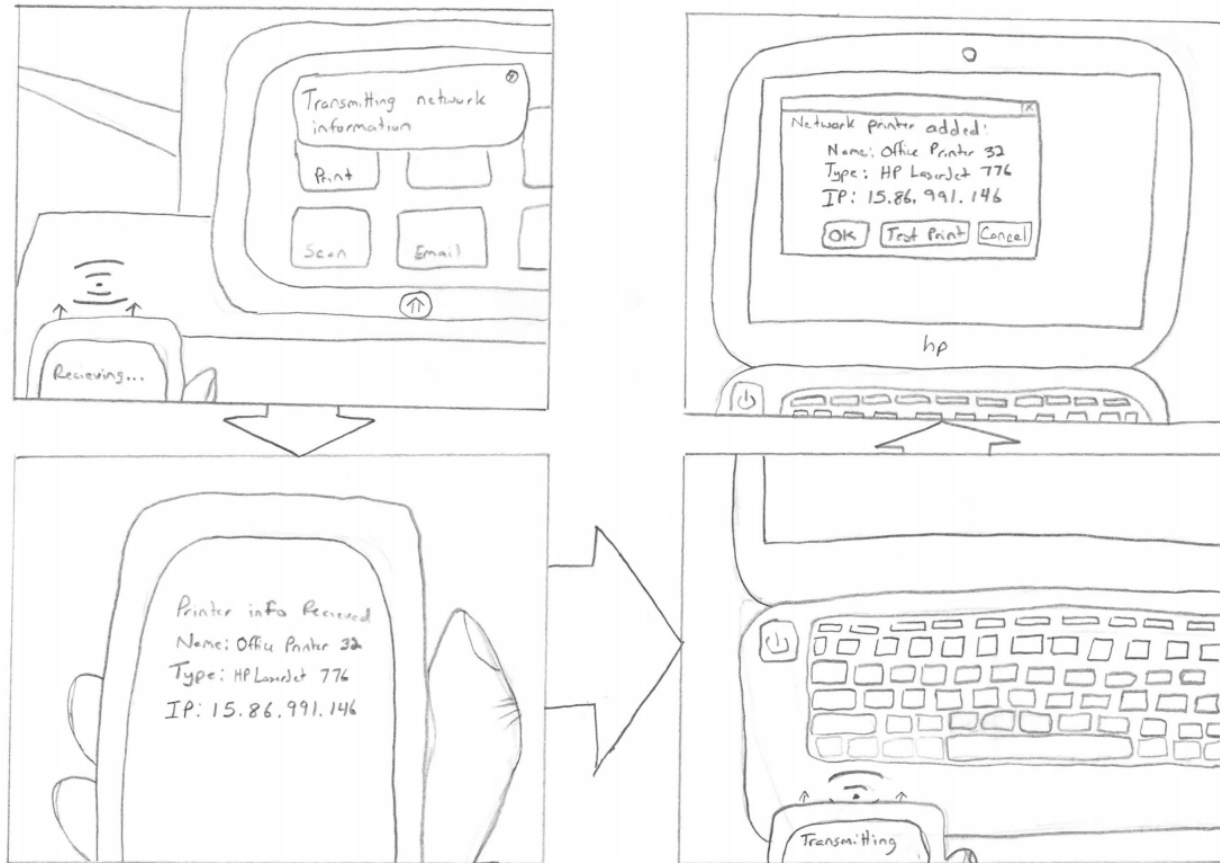
# Use of NFC (Near Field Communication) to transfer networking information via intermediary devices.

This disclosure describes the use of NFC (Near Field Communication) technology to enable phones and tablets to easily transfer network information between devices.

By using NFC (Near Field Communication) in both mobile and non-mobile (desktop pc, printer, server, etc...), we can simplify the process of establishing network connections between stationary devices. By tapping a phone or other mobile device to a non-mobile device, we could have an app transfer network information about the target device. Then the user could tap the same phone to another stationary device to transfer the network data and establish a connection between the two stationary devices. This could enable a user to simply tap his/her phone on a network connected printer and then tap it to their pc to add the printer directly to the pc or to tap the phone between computers to establish an accessible file share between devices.

Example steps:

- Tap your phone to a wireless printer (both running a sharing app)
- Receive confirmation on your phone of information received (such as network and printing information for the printer)
- Tap your phone to the desired wireless computer to transfer the obtained information.
- Application on computer takes the received information and uses it to add the target printer



*Disclosed by: Ian Shatto, Paul Carson, Jonathan Neuneker, HP Inc.*