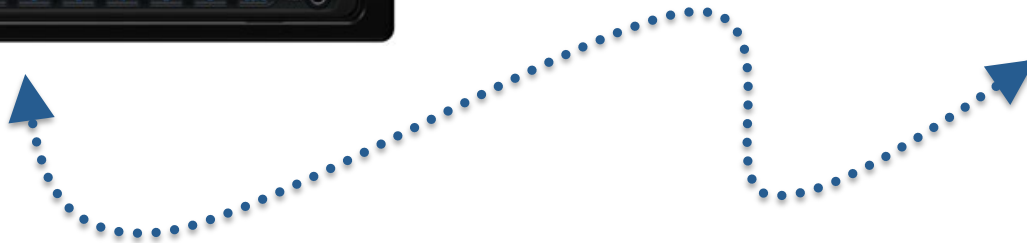


Secure Device Pairing

What is device pairing?



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What is the problem?

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- Device pairing is susceptible to **Man-in-the-Middle (MiTM)** and **Evil Twin** attacks.

In order to create a secure communication channel the devices must be securely initialized, in a such a way that the user is involved in the pairing process

Possible way to achieve secure pairing

- Smartphones pairing: *Shake Well Before Use*

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- Smartphones pairing: *Shake Well Before Use*
- Vehicle-to-mobile pairing: a protocol which leverages cryptographic schemes based on various out-of-band channels

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