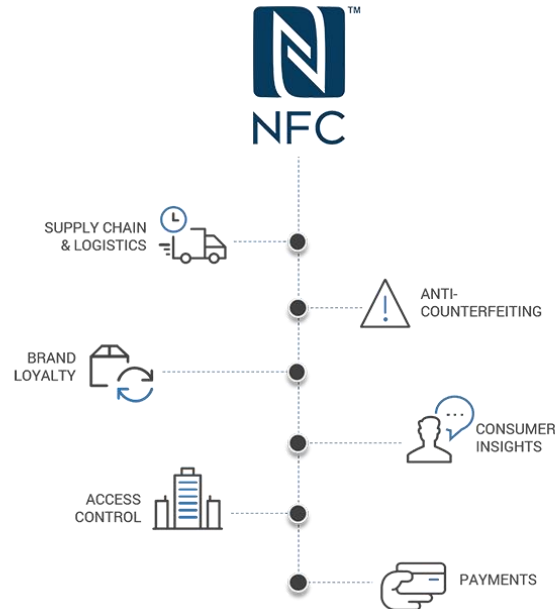


## Secure NFC

With secure NFC, it just got a whole lot easier to create Authentic Customer Engagement.



## CONNECTIVITY & VERSATILITY

Advancements in **Near Field Communication (NFC)** technologies continue to push this multi-tasking protocol to the forefront of the mobile connectivity landscape.

WiSeKey has everything you need to complete **your next secure NFC project**.

**ITS NEVER BEEN SIMPLER TO INCREASE BRAND PROTECTION AND ENGAGE CONSUMERS IN NEW AND EXCITING WAYS.**

**EMBED** authenticity tracking

**CONNECT** start their experience

**ENGAGE** open and ready for business

## CREATE SECURE DIRECT-TO-CONSUMER EXPERIENCES

This Near Field Communication (NFC) secure element allows any object to authenticate itself and communicate online through any NFC enabled smartphone.

**WiSeKey's Vault-IC 155®** embeds innovative features such as a one-tap Android & iOS compatible authentication algorithm, tamper/opening detection and long-range radio communication. It is the most secure NFC tag available on the market with CC

EAL4+ level hardware security. It allows to implement PKI to authenticate products, improve goods traceability, and protect customers data privacy while enabling all kinds of advanced direct-to-consumer digital marketing services.

## KEY FEATURES

- One-tap online authentication through any NFC enabled Android & iOS phone without any app
- NFC Forum Type 5 Tag compliant
- CC EAL4+ Hardware security level
- Tamper detection
- PKI as a service
- VaultiTrust™ data generation and insertion
- Asymmetric ECC cryptography up to 303 bits
- 1,5KB File system
- GDPR compliance with kill mode and maskable identifier
- CapSeal® Disk and Top tags standard. Tailored tag form factors as a service.

## CHOICE OF FORM FACTORS

CapSeal Disk and Top versatile tags are available as standard form factors. **WISeKey** can also work directly with brands to develop custom NFC tag and packaging design options through **our global partner ecosystem**.



**CapSeal Top with tamper detection**



**CapSeal Disk**

## SECURE PERSONALIZATION

**WISeKey** enhances the security and efficiency of any connected system by offering the provisioning of secure elements as a service. Once generated by **WISeKey** or its customers, personalization data are entered into **VaultiTrust** secure web portal. They can then be individually injected into the **Vault-IC 155** either at wafer level or in tags enabling end-to-end tracking.

This is all managed in a Common Criteria EAL5+ and ISO27001 certified manufacturing environment.