



SmartSeal

Smart Seal Inc.

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User Instructions V1.0

Digital Identities for Physical Objects

This document contains general instructions for the Smart Seal system setup and use. For further information or questions, please contact info@smartseal.io.



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Section 1: Scanning Tags

According to NFC forum, "There are already over 2 billion NFC-enabled devices across the world".

iPhone:

iPhone NFC Compatibility:

	iPhone 7, iPhone 7 Plus	iPhone 8, iPhone 8 Plus	iPhone X, iPhone X Max	iPhone XS, iPhone XS Max, iPhone XR	iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max	iPhone SE
Native NFC Tag Reading	No	No	No	Yes	Yes	Yes
NFC Tag Reading Through Third-Party App	Yes	Yes	Yes	Yes	Yes	Yes

Since the iPhone XS, all new iPhones are natively compatible with SmartSeal tags. Older iPhones, going back to the iPhone 7, are compatible with SmartSeal tags through most third party NFC reader apps.

To scan a SmartSeal NFC tag with an iPhone, ensure the phone is unlocked and on the home screen. Tap the top of the phone on the tag. A notification window will ask if you want to connect you to the URL programmed on the tag.



Android Smartphones:

The majority of Android smartphones on the market today are NFC compatible. Every major Android phone manufacturer now offers NFC compatibility as a standard feature. To determine if your Android phone is compatible, please follow these instructions:

1. Open Settings Settings.
2. In the "Search settings" bar, type "NFC."
3. Tap and turn on NFC.
4. If you can't find NFC, your phone does not contain NFC hardware.

In most cases, NFC is enabled by default.

To scan a SmartSeal NFC tag with an Android, unlock the phone and tap the top of the phone on the tag. A browser window will automatically connect you to the URL programmed on the tag.

Section 2: Integrating With Your System

The demo tags included in your kit point to

https://<customer_name>.smartseal.io/demo/<payload>. We have built a mobile page that demonstrates an example of content that your website might display when these tags are in production. In production, we would program the tags to point to your site. SmartSeal is currently building e-commerce framework (Shopify, Wix, SquareSpace, etc) applications to make this integration process as easy as possible. If you have access to your server back end, we can supply drop-in code to aid integration with our API. Please refer to the API documentation located at <https://github.com/smartseal-nfc/docs> or contact info@smartseal.io for more information.



Section 3: The SmartSeal Data Dashboard

Your dashboard is located at https://<customer_name>.smartseal.io/dashboard. Please contact us for login information.

Data about each product are collected at the time of programming and data are collected after each scan. The dashboard shows the visual representation of some of the more common metrics like scan frequency, product popularity, and geolocation. All of the data collected on your products are always available to you at https://<customer_name>.smartseal.io/api.

Section 4: The SmartSeal API

Please refer to the SmartSeal API Documentation located here:

<https://github.com/smartseal-nfc/docs>

Section 5: Troubleshooting

Problem	Solution
Tag won't scan.	Refer to section 1 of this document for information on supported smartphones and scanning instructions.
Message: <i>Could Not Authenticate: Code Expired</i>	Tags are encrypted to prevent third-party tracking. The encrypted payload in the URL is like a one-time-password and changes with each scan. Simply scan the tag again instead of refreshing the page.
Could not log in to the dashboard.	Email info@smartseal.io for login credentials.
API Issues	Please refer to the troubleshooting section of the API documentation located here:



	https://github.com/smartseal-nfc/docs
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Section 6: Final Note

SmartSeal thanks you for demoing our product. We are a young startup that formed in the spring of 2020. Our goal is to make it as easy as possible to integrate NFC tags into your products to provide you with actionable data, and your customers a next-generation brand experience. Our ears are always open to suggestions about how to better use or implement this platform. Your feedback is valuable to growing our business. Please email info@smartseal.io with any questions or comments. We are quickly adding more features and capabilities to our platform. Stay tuned for more updates.



Thank you



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