



NFCREAD APP

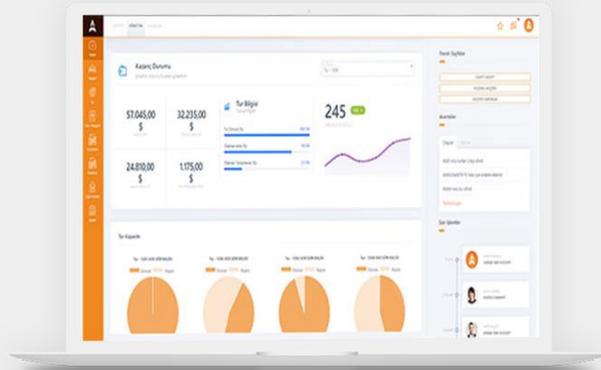
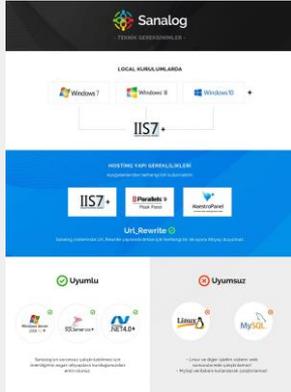
Fast and error-free way to read passports and ID Cards



WWW.NFCREAD.COM

OUR OTHER PRODUCTS

OPEN SOURCE CONTENT MANAGEMENT SYSTEM CMS
 WEB BASED TOURISM AUTOMATION SOFTWARE
 CORPORATE MOBILE SOCIAL NETWORK



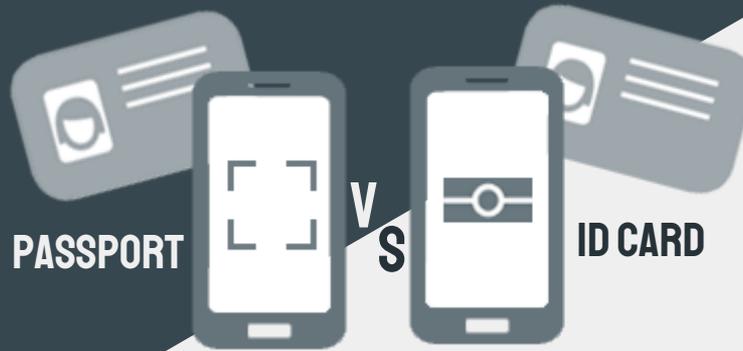
For more information www.sanalogi.com

01 OUR STORY AND ABOUT US

Faster and smarter software solutions that will increase customer satisfaction,

02 NFCREAD APP

Faster and smarter software solutions that will increase your customer satisfaction,



03 PROJECT AIMS

Faster processing and more error-free process processing

04 OUR TARGET

Reading data from many chip documents thanks to NFC Technology



Sanalogi

STORY ABOUT US

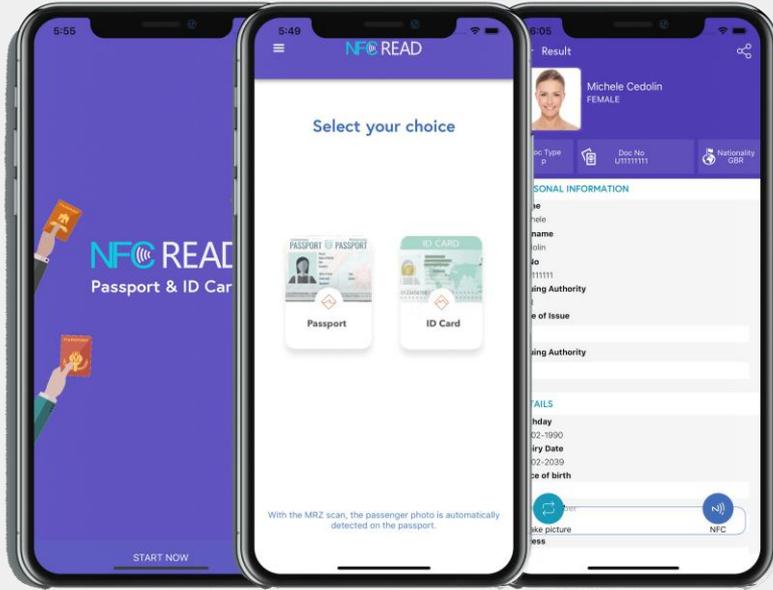
As Sanalogi IT, we have been serving in Information Technologies since 2004. Our Head Office is in Istanbul Yıldız Technical University Technopark. Our firm operating across Turkey is also developing special software for Central Asia, European and Arab countries.

Our NFC READ Adventure

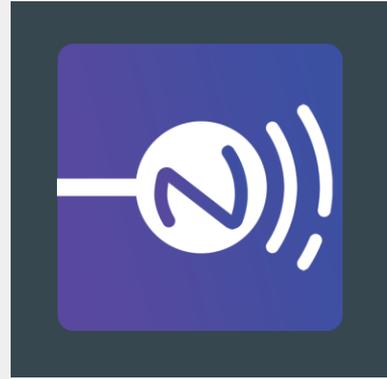
It is made to be an easier solution for us to integrate our Turastan® Tourism software, which is used in many countries of the world, with many Passport and ID reader devices. Today, we have implemented NFCRead App for image processing by combining our knowledge of Image Processing and mobile application to process image without OCR device

I2+COUNTRY





ABOUT NFCREAD



NFCREAD allows you to digitize your information on your identity card and passport by using up-to-date technologies in accordance with GDPR rules.

NFCRead is specially integrated with 40+ Applications and actively used. Nearly half a billion international Passports and ID Cards are read and still used, including the last quarter of 2019.

In Europe: In many countries, especially in Germany, France, Belgium, Holland and Austria,

In Asia: Azerbaijan, Pakistan, Malaysia



It is imperative to authenticate someone to prevent fraud and provide reliable digital services. NFCRead, Using NFCRead, our new mobile authentication technology, we enable you to intelligently and simply authenticate New Chip ID Cards and All Passports Worldwide on iOS and Android devices.

NFCRead makes use of contactless RFID chips and government-issued identification documents with NFC-enabled smartphones with the unique features of NFCRead, taking advantage of what people already have.

GENERAL FEATURES



SPEED

The average data acquisition time is 500 ms.



ACCURACY

Detects scanning and reading with high sensitivity



SECURITY - GDPR

It does not store any information on the devices and works without internet.



EASY INTEGRATION

It can be easily integrated into any product with the help of the API.



CUSTOMIZABLE

It can be arranged to meet customer needs.



LOW MEMORY USAGE

It does not take up much space in the device and does not make heavy compute



FLEXIBLE

Offers easy handling, works even in angular and weak light.



PLATFORMS

Android, and iOS compatible

- NFCREAD runs without the need for a server, no additional server costs. All operations, scanning and reading steps are done on the device.
- It does not allow any data to be stored on users' mobile devices and directly transmits visual images and other information to the services of the relevant institution.
- **It makes passport and ID Card registration processes the fastest and error-free, giving employees more energy and less waiting time for customers.**

TECHNICAL DETAILS

OCR



Passport and ID Card
The image is taken.
The copy requirement ends.

MRZ



Verification from Passport and
ID Card
**TCKN + AD + SURNAME +
Date of Birth + Gender +
Validity Date + Nationality +
Id No** are taken.



ÇİP

After making the necessary
verifications for the access
permit, they have the right to
get the information from the
NFC Chip.



NFC

Biometric Photo is taken by
verifying from Passport and ID
Card.
**TCKN + AD + SURNAME + Date
of Birth + Gender + Validity
Date + Nationality + SeriNo +
Issuer + Tel If Any + Address**
and a lot of information is taken.



PROJECT FEATURES

TRANSACTIONS MADE FACE TO FACE

In face-to-face transactions, NFCRead is used by employees to read and verify the identity document of someone in front of them; For example, an employee who checks the identity of someone on the street can use it anywhere, using ios or Android phones that meet the requirements without expensive and detailed special hardware. It does not require training and provides excellent access to personal information..

Benefits

((Fraud) It is a mobile solution that does not need a training document and special equipment to detect fake identity documents. On the manual entry screen: fast and perfect entry of personal data. Thanks to the high quality identity document photo of the chip, a better similarity is made and the person is more easily recognized and perceived.

PASSPORT EXPIRATION DATE CONTROL - ID CARD EXPIRATION DATE CONTROL AND WARNING TO THE PERIODED TIMES

ENTERPRISES WILL BE ABLE TO VERIFY COMPLEX ARABIC COUNTRY PASSPORT

RULES, VIA USING NFCREAD

TRANSACTION MADE ONLINE

In online applications, NFCRead can be used, for example, as part of the online self-service authentication process for mobile consumer participation for banks. This can be done from home, so there is no need to go to a bank, branch or office or come to the door. Simply use the consumer's / user's smartphone to integrate into your application via NFCRead APIs.

Benefits

People can verify their identity documents online anytime, anywhere.

By uploading photographs of identity document alternatives, identity documents are verified more securely.

No manual control is required: instant verification and a cost-effective method. The smartphones and identity documents that people carry with them can be used and processed.

PROJECT FEATURES

ID Card and Passport Verification Check

Modern passports (e-passports) and similar ID documents contain a contactless RFID chip. This chip has been standardized by the International Civil Aviation Organization (part of the United Nations) as part of the Machine Readable Travel Documents Doc 9303. The information on the chip is digitally signed by the country providing it and provides protection against cloning. NFCRead provides the complex encryption required to verify the authenticity and information of the chip, thus providing a smart and simple way to verify the authenticity of the identity document in seconds (passive and active authentication).

Reading Personal Information

Contactless chip in passport and ID Card documents, reliable personal including the owner's full name, date of birth and nationality contains information. This information was provided by the country that issued it based on strict government authentication processes. Very reliable In addition to providing personal information, the second major advantage is the absence of manual login, so there can be no error. In addition, more users has the convenience. In addition, the chip includes a high-resolution photo suitable for facial recognition. Printed on this photo document Using the photo on the chip may reduce similar fraud as it is higher quality than the photo. Personal information and photographs are digitally signed and cannot be changed.

Country Certificates

The information on the chip is digitally signed by the country providing the information. Document authentication, also known as passive authentication, is reliable root is attached to the certificate store. The authenticity of a document can only be determined if the document (ultimately) is signed using a private key with which the relevant certificate is known. These root certificates are called Country Signer Certification Authority (CSCA) certificates. CSCA certificates to everyone Although it is open, there is no single general resource for CSCA certificates. NFCRead integrates several existing CSCA certification resources and can be integrated with non-public sources depending on your situation.



PROJECT FEATURES

MRZ Optical Character Recognition

The contactless chip in passports is protected against unauthorized access through a security mechanism that can be opened with a password as document number, expiration date and date of birth. This information is part of the Machine Readable Zone (MRZ), which consists of two lines under the passport. Since entering this information manually is cumbersome and error-prone for the user, we offer the option of scanning MRZ using the smartphone camera. We make it easy for the user to accurately target the camera and then use Optical Character Recognition (OCR) technology to scan the information needed from MRZ to access the chip.

Easy Integration via APIs

NFCRead is provided as configurable software that you can integrate into your own applications and back-end systems. We provide an SDK and APIs to make this possible. NFCRead thus becomes a part of the software you provide to your users they do not even realize that mobile verification technology is provided by us. This is what personal information you read full control over your customer transactions, allowing you to fully customize what you want and what verifications you want to make allows you to own.

500K + Passport Read.

Passport and ID Card reading has been done from many Andorid and iOS smart devices. Germany, Austria, France, Belgium, Sweden, Switzerland, America, UK, Austria, Netherlands, Ukraine, Denmark, Norway, Greece, Bulgaria, Aranvutluk., Hungary, Italy, Romania Kosovo, Syria, Iran, Iraq, Morocco, Tunisia, It is a system that has been tried and continuously renewed and updated in Algeria, Egypt, Arabia, Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, Russia, Azerbaijan, Guinea, Sudan, Libya, Lebanon, India, Pakistan, Afghanistan, Chad, Niger and many other countries. We carry out an average of 200K Passport reading annually in the world.



DOCUMENT CONTROL



Passport Validity (expiration time)
Identity Card Validity (expiration time)



Passport

- Only MRZ + Face Detection (MRZ Verification)
- MRZ + Face Detection + OCR (Document Scan)
- MRZ + Face Detection + OCR (Document Scan) + NFC Chip Reading (Verification)

ID CARD

- Only MRZ + Face Detection (MRZ Verification) + Front (Face Detection)
- MRZ + Face Detection + Front (Face Detection) + OCR (Document Scan)
- MRZ + Face Detection + OCR (Document Scan) + NFC Chip Reading (Verification)

NAME - SURNAME - FATHER'S NAME AND TRIBE ANALYSIS IN ARABIC PASSPORT..

ALSO, WE KNOW THAT SOME OF THE ARABIC PASSPORT AND ID CARD DOCUMENTS DON'T HAVE **SURNAME!** !!
REACHING THE INFORMATION AND TESTING, CONFIRMING AND SOLVING IS MORE THAN 6 YEARS OF INFORMATION AND
EXPERIENCE OF US..

NFCREAD PROCESS

End-User

The application starts with the entry step

Entry

Document Selection

Document Scanning

Camera

Tüm evrak alanı taranarak işlenir ve MRZ alanı çözümlenir

NFC CHIP Read



More Info

Çip içerisinde erişim iznine sahip olunan tüm bilgilere ulaşılır.

ALL INFORMATION

TRANSFER TO PLATFORM

Identity Type Selection

Passport or ID Card option is selected



NFC Access

MRZ data is received and verified. Chip access opens after verification



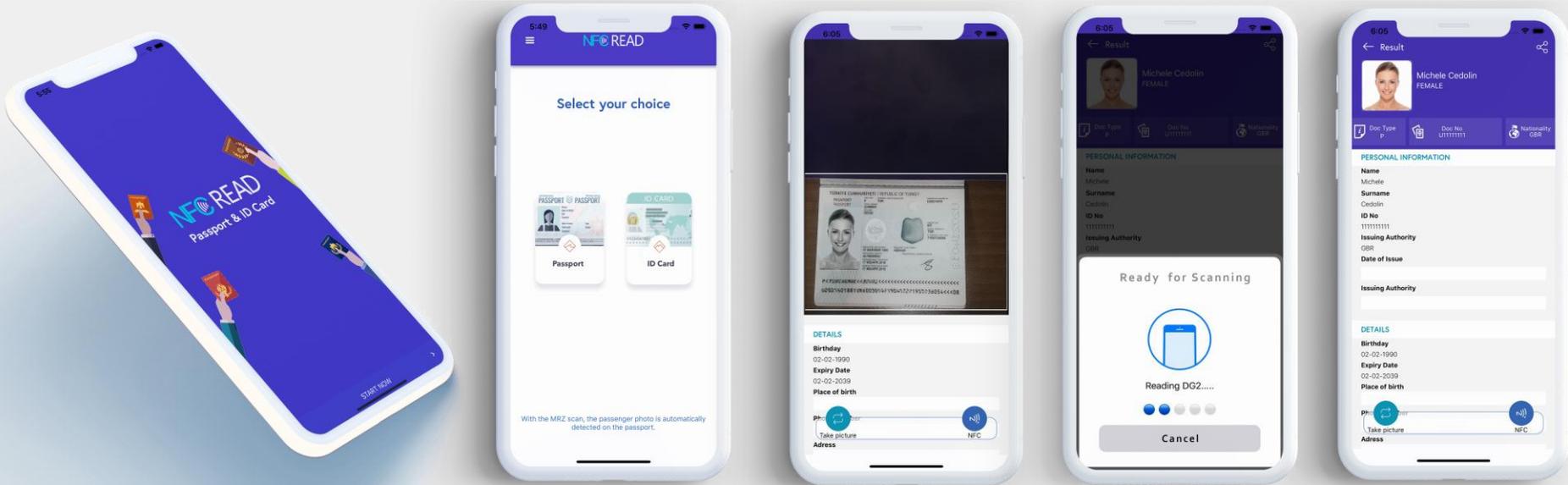
Integration

According to the GDPR rules, transfer is completed with the visuals to the integrated system without storing the transaction in the device.



APPLICATION IMAGES

NFCREAD IS THE 2ND APPLICATION IN THE FIELD MADE IN THE WORLD.



METHODS OF USE AND CONCEPT TABLET CASES



or more information, you can visit our Youtube: [NFCRead](#) page.



MOBILE DEVICES

iOS 13+ and Android all current versions are supported.

	Android Phone	iOS Phone	Android Tablet	iPad X
NFC	Yes	Yes	No	No
Camera	Yes	Yes	Yes	Yes

Requirements are Camera and NFC feature. in Turkey there is no NFC on Android tablets. However, these tablets have this feature in different countries. NFC feature is not available on iPad models.

	Android Phone	iOS Phone	Android Tablet	iPad X
Chip Reading	Yes	Yes	Yes (Dongle)	Yes (Dongle)
Image Processing	Yes	Yes	Yes	Yes

The information in the chip is the most successful way to verify the data. First of all, documents are scanned and MRZ is analyzed. The lack of NFC feature on the device does not cause any problems and requires manual control after scanning.

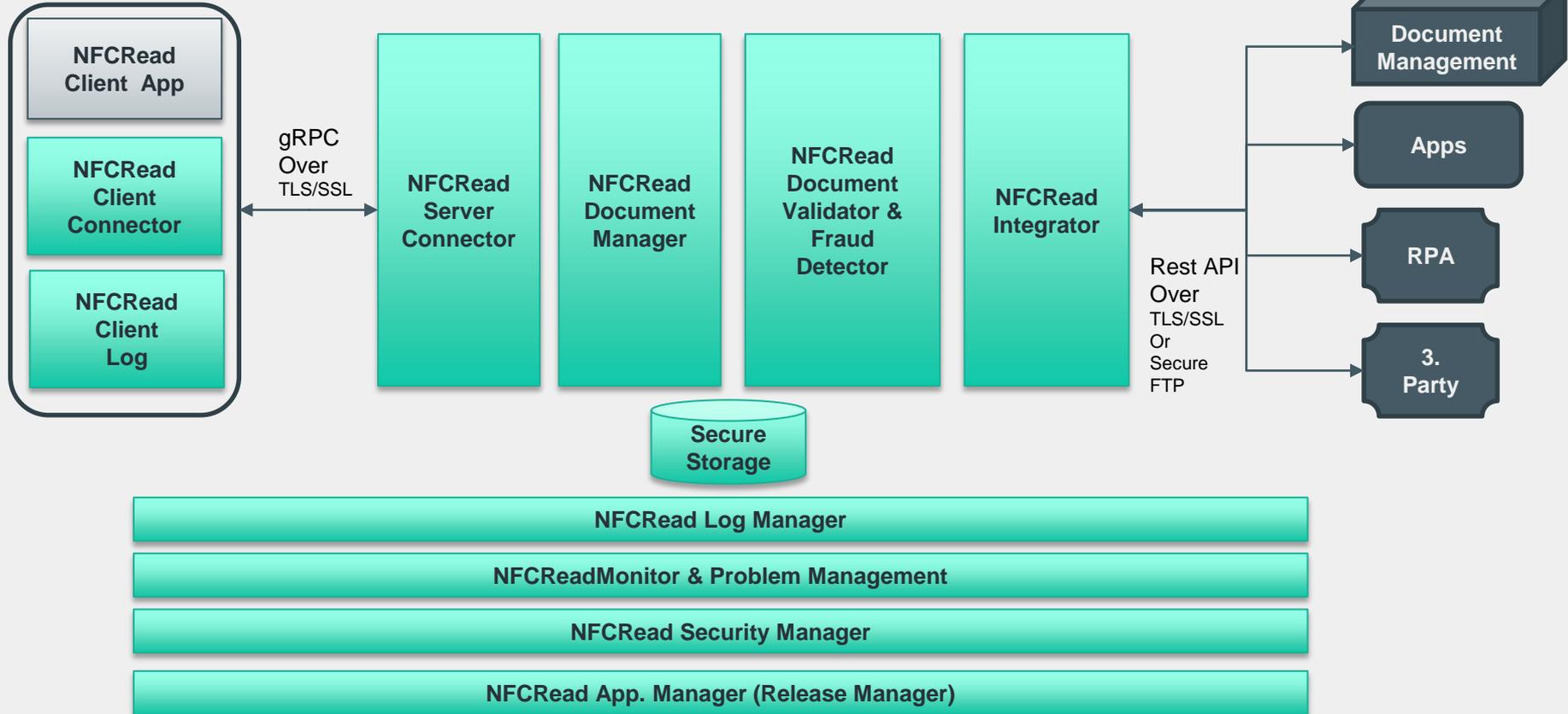
NFCREAD INTEGRATOR (STANDART)



OTHERS

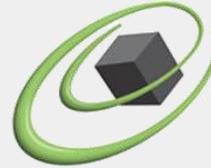
No information is stored on the device (tested on iOS devices)
Many additional methods can be added according to GDPR requirements. SMS confirmation and verification etc.

HIGH LEVEL NFCREAD INTEGRATOR (OPTIONAL)



OUR NFCREAD INTEGRATIONS

Some of our Active Integrations;



ELIGIBLE SECTORS

FINANCIAL INSTITUTIONS, EDUCATIONAL INSTITUTIONS, LOGISTICS COMPANIES, INSURANCE COMPANIES, TOURISM AGENCIES, FOUNDATIONS AND ASSOCIATIONS, REAL ESTATE COMPANIES, HOTELS, RENTAL CARS, CONSULATES, SECURITY INSTITUTIONS, TELECOM INSTITUTIONS, SMEs and many other ...

THANKS



E-Mail : info@nfcread.com

Web Site : www.nfcread.com

YouTube : <https://bit.ly/3aJYwmr>

AppStore : <https://apple.co/38zt5d2>

PlayStore : shorturl.at/etuwE

WE ARE HAPPY TO RECEIVE YOUR QUESTIONS.