

Mobile Virtual Identity (MVI)



In a world where mobile digital fraudsters seem to always be ahead of security innovations, and where digital fraud is continually on the rise, suffer significant financial losses, and in some cases, reputational damage that ultimately comes at a cost to the business.

iTouch brings to you Mobile Virtual Identity (MVI), an innovative solution that revolutionises the approach to protecting online identities by leveraging the capabilities of blockchain



“A Solution that will place bank-grade security into the hands of every consumer.”

iTouch have created a universal solution to this problem through years of research and development, beginning in 2015.

The result is an immutable, reputable and above all distributed identification/authentication that will become a valuable asset for any enterprise, bank, government, and consumer.

iTouch Messaging's Definitive Way To Mitigate Digital Fraud



The scope of the service is defined as follows;

The ability to...

- Provide an immutable distributed mobile identity
- Authenticate the device credentials
- Deliver encryption/decryption of SMS services end-to-end

Implementation Requires No Internal Development

KEY FEATURES

Seamless Integration: Virtual Identity effortlessly integrates with any system or service via an API, offering a versatile solution for diverse technology ecosystems.

Immutable Identification: Recognizing the importance of a robust and unchangeable identification system, Virtual Identity utilizes blockchain technology to establish an immutable identification process. Registering your mobile device makes it an indelible part of the Cube chain, ensuring a permanent record that remains impervious to alterations or tampering.

Authentication Nodes: Enhance the security of your mobile device. Your handset becomes an authentication node on the Cube chain, reinforcing the authentication process and establishing a secure connection within the blockchain network.

Permanent Security: Virtual Identity provides users with enduring, highly secure, and immutable identification for ultimate peace of mind. This transcendent security level goes beyond traditional methods, effectively mitigating the risks associated with identity theft and unauthorized access.

WHAT IS ENCRYPTION SOFTWARE

Encryption software secures data by converting it into code that can only be read by those who have the key. It's used in enterprise messaging to protect sensitive information that is transmitted between institutions and consumers.

- **Secure Code** - The encryption software's code scrambles the data, so it becomes unintelligible, ensuring its protection.
- **Data Protection** - The software can protect data from hacking, theft and cyber attacks, ensuring the safe delivery of sensitive information.
- **Mobile Friendly** - It has mobile applications that allow secure messaging across multiple devices, supporting a variety of platforms.
- **Global Deployment** - It can be deployed globally, making it an ideal solution for financial institutions with a regional or worldwide presence

Secure Communication is Key to Mitigating Fraud

Verizon's Data Breach Investigations Report 2023 confirms the human element's involvement in 74% of data breaches, including social engineering tactics.

As much as the SMS channel appears to be secure, fraudsters are still able to intercept communication through social engineering such as smishing, vishing, sim swaps, messages intercepted at aggregator and/or MNO levels, and more. By securing this channel independently from the usual SMS channel, we can exclude the possibility of the intended communication falling into the wrong hands by encrypting the message, and only decrypting the message if we trust it has been received by the intended recipient. In the same while you will be educating and building trust again with your customers. This results in significant financial savings for the Banks.



Assess Your Needs

Understand your security needs and how encryption software can help you meet them.



Integrate with Existing Infrastructure

Integrate the system frictionlessly with existing workflows and systems to ensure that it is used effectively throughout the organization.



Train Your Employees

Implement necessary training and guidelines for employees to ensure proper usage of software via a simple dashboard.

Serving The Entire Eco-System - A New Industry Standard

The MVI Solution is designed to be multi-tenanted and therefore allows multiple banks / enterprises / governments to use the same solution that conveniently allows each consumer to receive their respective encrypted communication, all in one secure inbox. Each MVI customer will have their own and unique sender ID for easy reference by the consumer.

The MVI solution is also designed to protect multiple communication channels, including SMS, USSD and Data channels. As such, messages can be delivered over the data channel resulting in significant savings on SMS delivery costs.

iTouch's Mobile Virtual Identity solution can serve and protect the entire eco-system from fraudsters and in compliance with regulation pertaining to the protection of personal information.

Customer Communications Expert for Africa, since 1995

iTouch is a reliable and trusted partner for your business future, ensuring seamless communication channels, be it Rich Messaging, SMS, Email and USSD, via an API connection, or multi-channel platforms.

iTouch's Secure Corporate Messaging Solutions and our Mobile Virtual Identity Solution are valuable tools in any corporate communications mix. In a world where security is of utmost importance, we ensure that we provide you with bank-grade security that fulfils your compliance requirements when it comes to data-security acts.



**Contact us NOW for further information at;
priority@itouch.co.za**