

MY PLACE X

Blockchain Technology as Global Accessible Address and Identity System.

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1 THE MY PLACE X PROJECT

1.1 Introduction

There are more than 4 billion people on earth that have no physical address and it is our believe that blockchain technology is a perfect solution to this problem. How, you cask ask? We see blockchain technology as a global decentralized private encrypted database, that can be accessed from any location on earth and at any given time, given that a person has an internet connection. Also having a global database, addresses can be provided in a global compatible format and can be standardized.

The core of the system is the Global Positioning System and cellphone technology, technology that is currently widely available in one single package, even under the poorer population. Here, cellphone technology is the only real access to information and the modern civilised world, a technology that provides an opportunity to improve their living standard.

1.2 Why a new Address System?

More than half of the current population does not have a proper address, one of the essential requirements for modern life. How do you call an ambulance service and tell them where to go if there is no address? How does one register for voting, if you do not have a physical address? How do you open a bank account if you can not prove where you live. How can you order cheap goods online if the courier service does not know where to deliver it. How do you run a business if your supplier does not know where to deliver your orders?

(Reference: <https://dai-global-digital.com/>)

A physical address is a thing that is taken for granted in the Western world as well as by those in the more developed parts of developing countries. We just do not realize what life is without the simple requirement of a physical address.

For the individual, not having a physical address can be tantamount to not having a registered identity, making seemingly basic and often essential tasks difficult. Participating in political processes, accessing finance, and conducting business that involves delivery of official documents and goods can all be excruciatingly time-consuming endeavours in areas where people live off the radar. The same is true for enterprises whose efficiency and reach is limited by reliance upon ad-hoc local networks to physically link goods and services.

A physical address gives a person an identity and pin-points his place in the global community. It gives him dignity and a place of belonging, something every person desires.

Apart from the humanitarian benefit this technology can bring to half of the global population, in combination with crypto-currencies, this opens a huge market for the global economy and multiple additional business opportunity and services can be created, thus creating employment and the general upliftment of people out of poverty.

Since Spot-X SA, a Division of Spot-X Limited, is located in South Africa, which has a very large informal sector and where a large section of the population has no traditional addresses, it is a logical choice for us to incubate and develop this technology in this country. South Africa, being a gateway into Africa and being part of the African Union, presents a unique opportunity for us to establish the technology in one of the most needy regions. Being part of the BRICS countries, presents us another gateway into countries where a large part of the population has no physical addresses.

For individuals to use this technology the minimum requirement is a smart cellphone with an internet connection, GPS, a reasonable phone camera and an operating system that can accommodate the software. It should also preferably have WIFI or Bluetooth for inter-phone connection and data exchange.

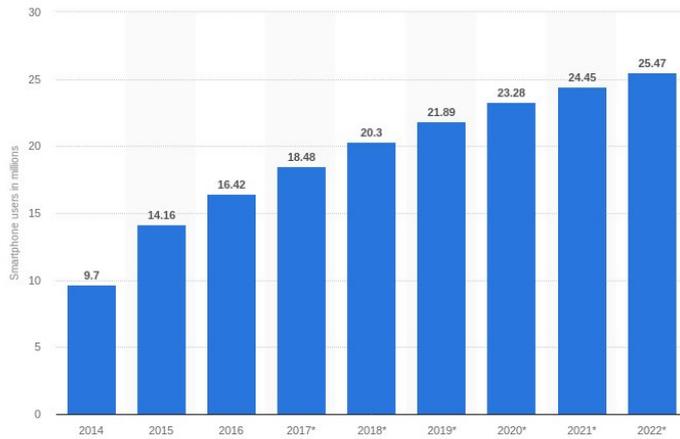
1.3 Cellphone distribution

Taking South Africa as an example, the following data was obtained. Similar data can be found for other countries.

(Reference: <https://www.statista.com/statistics/488376/forecast-of-smartphone-users-in-south-africa/>)

The following statistics were published in 2017 and reflect the number of smartphones in South Africa from 2014 to 2022 (in millions), as well as in India and the Philippines. It was estimated that the total number of smart phones in 2017 was 18.48 million and that it was expected to reach over 25 million in 2022. The number of smart phone users worldwide in 2017 was estimated to be approximately 2.32 billion.

Number of smartphone users in South Africa from 2014 to 2022 (in millions)*



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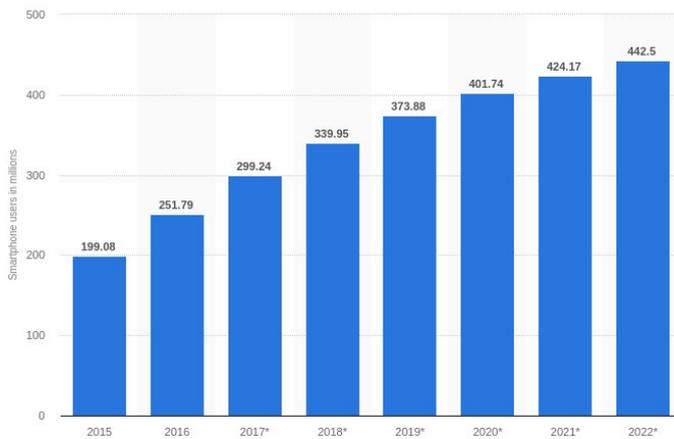
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DESCRIPTION SOURCE MORE INFORMATION

This statistic shows the number of smartphone users in South Africa from 2014 to 2022. For 2017, the number of smartphone users in South Africa is estimated to reach 18.48 million and is expected to reach over 25 million by 2022. In 2017, the number of [smartphone users worldwide](#) was estimated to be approximately 2.32 billion and could grow to 2.87 billion by 2020.



Number of smartphone users in India from 2015 to 2022 (in millions)*



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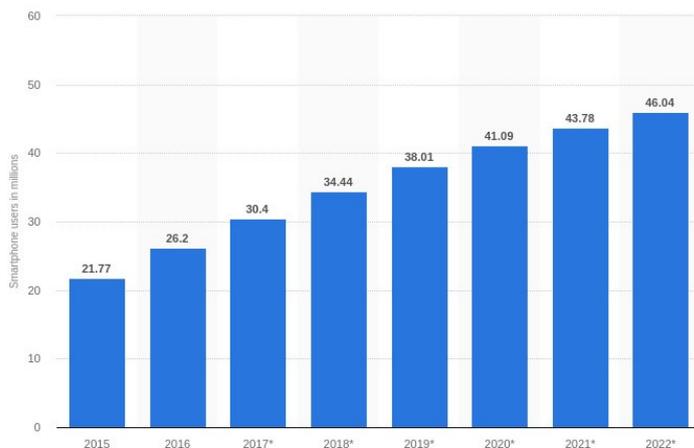
DESCRIPTION SOURCE MORE INFORMATION

This statistic shows the number of smartphone users in India from 2015 to 2022. For 2017, the number of smartphone users in India is estimated to reach 299.24 million, with the [number of smartphone users worldwide](#) forecast to exceed 2.3 billion users by that time.

Smartphone users in India - additional information

The number of [smartphone users worldwide](#) is projected to amount to nearly 2.7 billion by 2019. It is expected that, by 2017, almost a third of the total [global population](#) will use a smartphone. Due to

Number of smartphone users in the Philippines from 2015 to 2022 (in millions)



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DESCRIPTION SOURCE MORE INFORMATION

This forecast shows the number of smartphone users in the Philippines from 2015 to 2016 with forecasts for 2017 to 2022. In 2017, the number of smartphone users in the Philippines is estimated to reach 30.4 million. This would mean that around 32 percent of the [population in the Philippines](#) would use a [smartphone](#). This number is expected to rise to 40 percent by the year 2021.



From the above statistics it is clear that the distribution and availability of smart phones in developing countries are growing at a consistent rate, making them an ideal vehicle for this project.

1.4 Cellphone users in South Africa

The following table is the amount of registered cellphones in South Africa listed per service provider.

Mobile network	Active subscribers
Vodacom	41.6 million
MTN	29.8 million
Cell C	16.3 million
Telkom	4.4 million

(Reference: <https://mybroadband.co.za/news/business-telecoms/259953-mobile-subscriber-numbers-in-south-africa-2.html>)

1.5 Population

The following is the size of the South Africa population and its estimated growth.

1.6 Population of South Africa (2018 and historical)

Year	Population	Yearly % Change	Yearly Change	Density (P/ Km ²)	Urban Population	World Population
2018	57,398,421	1.20 %	681,265	47	36,109,167	7,632,819,325
2017	56,717,156	1.25 %	701,683	47	35,633,585	7,550,262,101
2016	56,015,473	1.31 %	724,248	46	35,151,862	7,466,964,280
2015	55,291,225	1.40 %	741,312	46	34,662,753	7,383,008,820
2010	51,584,663	1.11 %	552,815	43	32,012,490	6,958,169,159

1.7 South Africa Population Forecast

Year	Population	Yearly % Change	Yearly Change	Density (P/ Km ²)	Urban Population	World Population
2020	58,721,229	1.21 %	686,001	48	37,044,087	7,795,482,309
2025	61,790,036	1.02 %	613,761	51	39,313,425	8,185,613,757
2030	64,465,553	0.85 %	535,103	53	41,449,818	8,551,198,644
2035	66,880,284	0.74 %	482,946	55	43,509,980	8,892,701,940

(Reference: <http://www.worldometers.info/world-population/south-africa-population/>)

Communication technology is constantly evolving and improving, and at very fast pace. With this development there is a constant effort to expand the user base and therefor it is becoming more and more affordable and distributed, even in remote and poor regions of the worlds continents.

Read More about the My Place X System:
[https://myplacex.io/documents/The My Place X System.pdf](https://myplacex.io/documents/The_My_Place_X_System.pdf).