



FIRST GLOBAL LOST AND FOUND NETWORK
BASED ON BLOCKCHAIN TECHNOLOGY.





DISCLAIMER AND ABSTRACTION

The purpose of this Whitepaper is to present Tr3zor — a global lost and found network based on blockchain technology — The information set forth below should not be considered exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential token holders in order for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring Tr3zor (TR3) Tokens.

Nothing in this Whitepaper shall be deemed to constitute a prospectus of any sort of a solicitation for investment, nor does it, in any way, pertain to an offering or a solicitation to buy any securities in any jurisdiction. The document is not composed in accordance with, and is not subject to, laws or regulations of any jurisdiction which are designed to protect investors.

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ABSTRACT

The average wealth of people all over the world has significantly increased over the last few decades. Consequently, the life standard of most countries has risen to new heights, and the effects of the intensifying globalization such as increased frequency of traveling are at hand. As a result, the number of stolen or misplaced belongings has risen dramatically on a global scale.

While there are some existing platforms, apps and organizations (state agencies, airport offices for lost and found items, and so on) that can sometimes help in such cases; there is an apparent need for a global, reliable network that can not only connect everyone around the world who lost or found a valuable item, but also to give people enough incentive to engage in such exchange with the counterparty.

The advent of Blockchain technology has offered the opportunity to fundamentally change this situation — not only does the technology enable worldwide transactions in digital currencies that are not subjective to exchange and transaction fees, but also due to the immutability of records on the blockchain, a completely new level of transparency and security can be reached within the global lost and found ecosystem.

However, a series of challenges are still intact. For one, the issue of incentivizing people enough so that they actively search for the person who lost the item they found remains. What is more, the most effective existing solutions are viable mostly locally, while most people are in need of an international solution.

The Tr3zor platform will solve exactly these challenges. Tr3zor is a global blockchain-based online platform for lost and found belongings that can also act as a digital tresor. The platform offers a high degree of security & transparency, forgey-proof logs, advanced functionality that enhances the user experience, incentive mechanisms such as bounties and a comprehensive gamification system as well as other features that are otherwise not available with traditional platforms, apps and government agencies like lost and found offices



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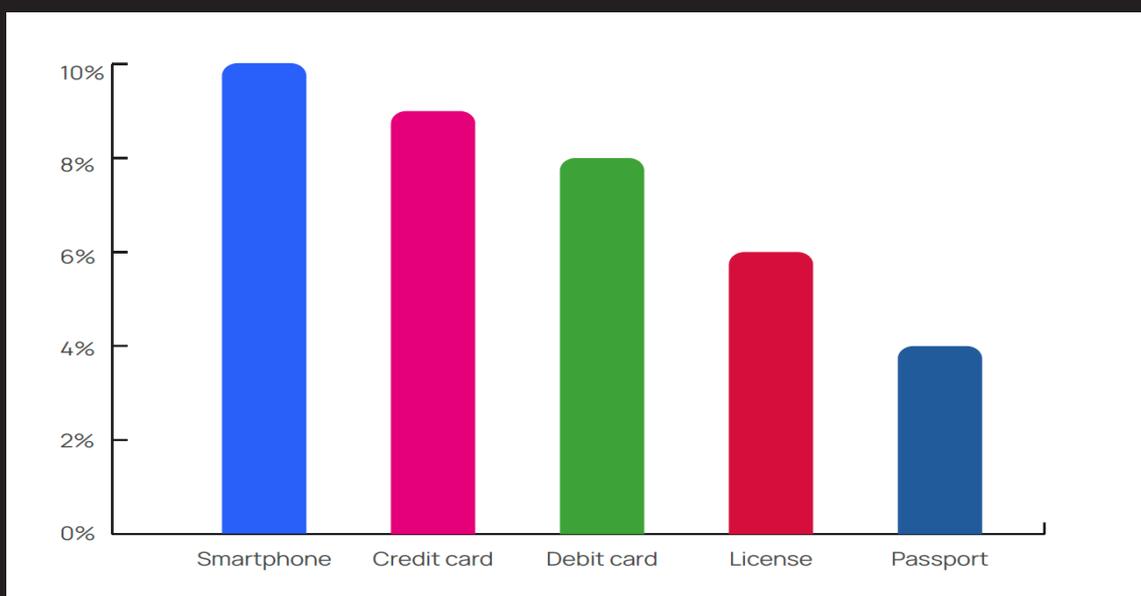
INDUSTRY OVERVIEW

LOST OR MISPLACED ITEMS

500+ million items are lost every year just in the United States. The most commonly lost or stolen items are laptops (12.000 annually in US airports alone) and smartphones (60+ million in the US every year). 46+ million items are left forgotten by their owners at hotels annually.

Every year, over a billion of valuable personal belongings are lost. The value of items that are annually lost in the US alone surpasses \$2.7B, with an average value of a single item of around \$220.

Worldwide, 80M pieces of luggage are lost yearly at airports, or 6.7M per month, or nearly 200,000 per day. Only 1,5 items out of 10 found by security at airports are returned to their owners. Considering that 12.000 laptops are lost every year at US airports, the cumulated number of ALL inventoried devices such as laptops, phones, wallets, and tablets barely surpasses 300 is mindblowing.



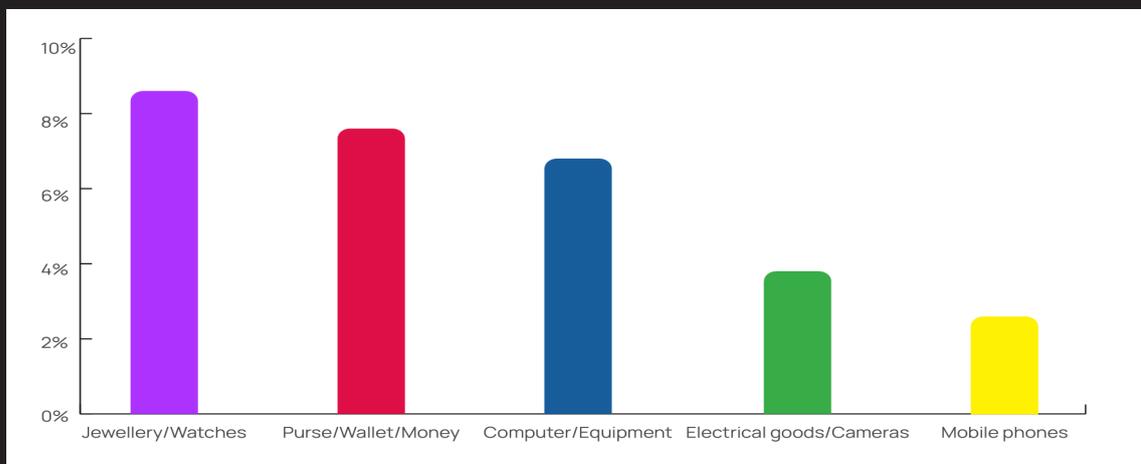


It is important to note that data can only calculate the material value of the items that are stolen. This means that the numbers do not include any immaterial value — such as the information on a phone, a tablet or on a computer nor the sentimental value of photos on a hard drive. Furthermore, it also does not include the time it takes to have replacement items set up the same way - be it for work, hobbies or other reasons. Thus, the total loss of value is practically immeasurable.

We have seen that the chances of reuniting with your lost item are pretty slim. Why are wallets that have money in them returned in almost 50% of the cases granted there is some sort of identification of the owner — and why is that percentage even higher the more money there is in the wallet? A curious but logical explanation is being suggested by psychologists — while most people claim they do it because of their goodwill, they are almost always hoping for a reward that is much lesser than the money that is in the wallet. This theory proves that if people are offered an incentive to return a lost item, the chances of it happening naturally become much higher.

STOLEN ITEMS

Every year, millions of items are stolen in burglaries or robberies. In England and Wales alone, there were almost 200,000 domestic burglaries in 2015 according to the Crime Survey for England and Wales. These are the top 5 most common items stolen:



Graph: Most common items stolen in burglaries and robberies

Type of property	Stolen	Recovered
Jewelry and precious metals	\$1,165.11 million	\$45.68 million
Clothing and furs	\$388.55 million	\$30.89 million
Locally stolen motor vehicles	\$5,836.52 million	\$3,463.59 million
Televisions, radios, stereos, etc.	\$352.17 million	\$18.94 million
Office equipment	\$435.43 million	\$22.79 million
Household goods	\$211.98 million	\$9.13 million
Consumable goods	\$226.59 million	\$14.39 million

Table: Property stolen and recovered in the United States in 2018, by type and value (simplified, in million U.S. dollars)

<https://www.statista.com/statistics/252440/property-stolen-and-recovered-in-the-us-bytype-and-value/>

The table above illustrates the harsh reality — taking jewelry and precious metals as an example, in 2018 alone, about 1.17 billion U.S. dollars worth of jewelry and precious metals were stolen in the U.S, with only about 3.9% of their total value recovered in the same year. If you lost it or if it was stolen from you, then you are probably never getting it back. It is apparent that the total value of stolen or lost property is mindblowing — and the tendency is increasing. This naturally leads us to the question why there is no reliably working mechanism that enables people to get their lost or stolen items back.

ISSUES AND CHALLENGES IN RECOVERING LOST OR STOLEN ITEMS

EXISTING LOST AND FOUND SOLUTIONS ARE INEFFICIENT

Currently, people can only rely on the good faith of people who found the items they lost and, in some cases, on the police or lost property offices. Unfortunately, as we have seen in the previous chapter, the average success rate of these options is below 4%, making them extremely unreliable and forcing desperate people to wait for a miracle to happen to get their lost or stolen property back. While there are some community-based platforms and apps online in that segment, they are still struggling to gain traction and enough user base to be reliable and are thus not popular options at all. Multiple tech options already exist that are supposed to be combating the issue with lost items, however, most of them are fundamentally inefficient due to the fact that they rely on the goodwill of the person who found the item, to return it to its rightful owner. Examples for such are non-electronic tags that are applied or attached to belongings and show a unique code to identify items. Other options that are based on electronic devices use the Bluetooth version 4.0 wireless technology, which is also known as Bluetooth Low-Energy (BLE) and is mostly supported by new smartphone devices. However, they are still subject to the goodwill of the person who finds the item and do not present a sustainable solution in the case of theft.



THE LACK OF INCENTIVES

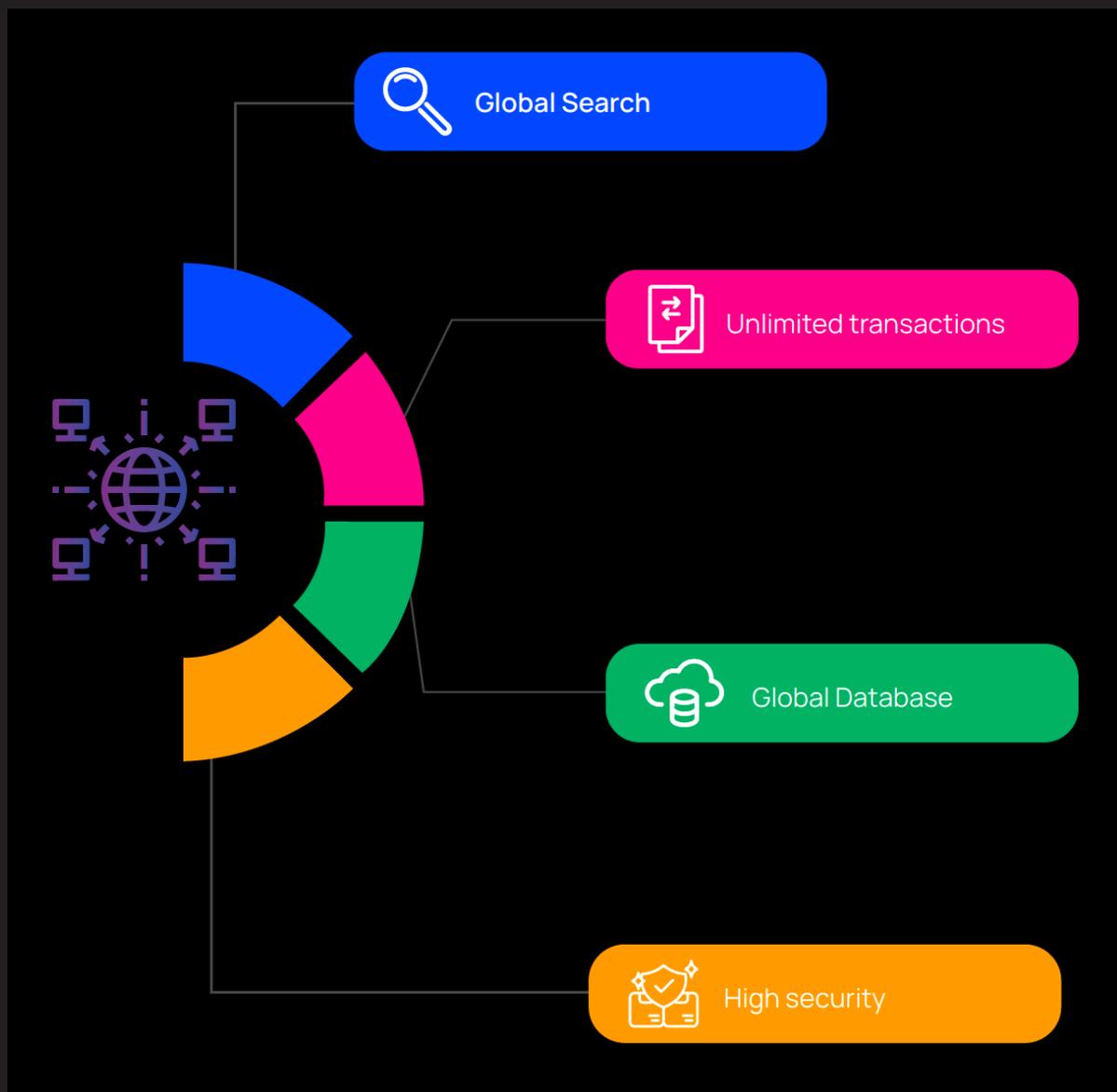
The lack of incentives for people who found an item to return it is a major obstacle, one that is very difficult to overcome. While some would be happy to return belongings they found to their rightful owners, given they are able to locate them, most are reluctant to give up on something valuable and spend their time in searching for the person who owns it.

Another issue that is related to the question about incentives is the fact that black markets can operate freely without any mechanism that naturally disrupts their way of functioning. As long as there is demand for stolen items, thieves will find a way to get their hands on such and find buyers for them. If a global lost and found network exists — particularly one that has managed to reach widespread adoption — it will become increasingly difficult for such items to be sold on the black market, as they will be easier to trace and spot due to the exposure the owner can reach through such a network.

THE LACK OF A GLOBAL NETWORK

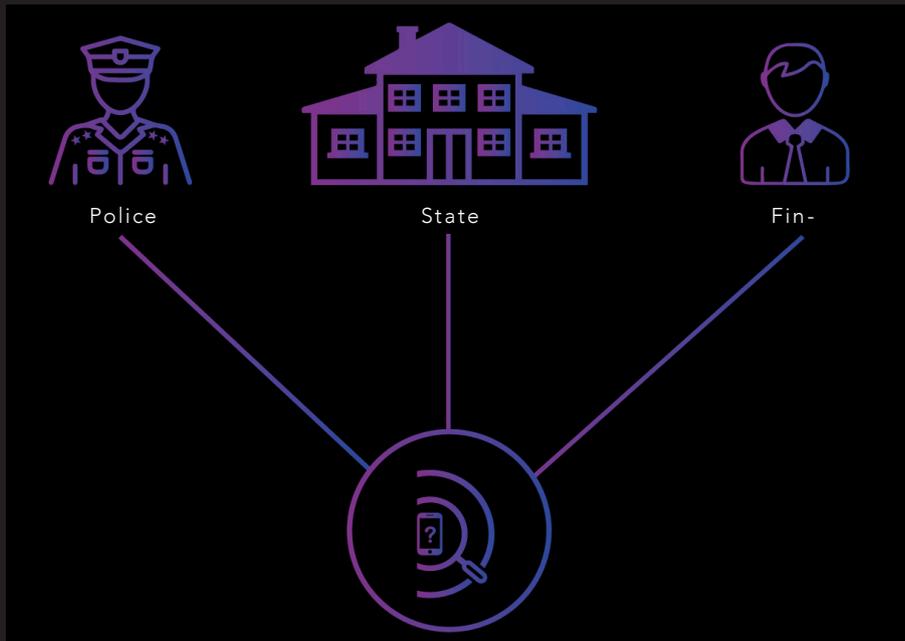
While there have already been some attempts to create an interconnected network of searchers and finders, none of them truly succeeded. The most important requirement for such a network to work is to secure a critical mass of users that continuously grows over time — the more participants there are, the higher the chances of both searchers and finders to achieve their goal. Currently, no such network exists, as it is immensely difficult to attract such a large user base. The obstacle preventing this from happening is precisely the issue with the incentives we discussed before — how would you motivate people to become members of a global lost and found network?

TR3ZOR IS THE SOLUTION TO THE PRESSING PROBLEM OF LOST OR STOLEN BELONGINGS.



PROJECT OVERVIEW

Tr3zor is the first global lost and found network based on blockchain technology connecting searchers and finders. Tr3zor presents a sustainable solution to the pressing problem of lost or stolen belongings through the utilization of blockchain and the implementation of multiple incentive mechanisms such as bounty rewards



The network offers a global database of lost or stolen items on both web and mobile, the advantages of borderless, swift and cheap digital transactions, as well as the highest standards in security and transparency due to the immutability of blockchain networks.

Tr3zor creates an interconnected, cooperative network between multiple entities and places where people most frequently lose their belongings. We are establishing connections with lost and found offices in cities and at airports, the police, hotels, public transport companies, restaurants, railway and bus stations and many others. This ensures that the network has the highest reach possible even beyond the community-based model, increasing the likelihood of a property getting found by its owner and thus the incentive for more people to join, resulting in a continuous accumulation of new users and, eventually, widespread international adoption.



The TR3 Utility token is based on the ERC20 standard and is the main payment instrument on the Tr3zor platform. It facilitates all bounty rewards and serves as an incentive mechanism encouraging the interaction on the platform.

The gamification-based tiered system provides additional motivation and use cases of the TR3 token. Finders and searchers get rewarded with additional bonuses once they reach a milestone (for example obtaining their first bounty). Users can receive fast payouts at any time by exchanging the tokens in their Tr3zor account for a cryptocurrency of their choice and demand payout of funds.

While the usage of other cryptocurrencies such as BTC or ETH is possible, there are numerous advantages of using TR3 tokens. Using TR3 tokens allows you to get exclusive rewards from the gamification mechanism we have implemented. Users get ranks based on the amount of bounties they have received or granted to other users. The higher the rank, the better the rewards.



PROBLEMS AND SOLUTIONS

The following section lists existing problems with the current available options that help in the case of a lost or stolen item and describes how the Tr3zor blockchain network solves these issues.

PROBLEM

Traditional solutions are simply not effective enough - community-based lost and found networks are lacking incentive mechanisms that encourage and reward users for their participation, preventing these networks from achieving widespread adoption and a critical mass of searchers and finders for them to be viable.

SOLUTION

Tr3zor has implemented bounties and coupled them with a gamification system that would provide a wide array of incentives for users to be active on the platform. Users can get paid for returning an item as well as receive visual recognition in the form of ranks and badges including additional monetary rewards for achievements.

PROBLEM

Networks that are running on traditional web technologies are lacking security when it comes to storing personal data, which is yet another entry barrier discouraging new potential users.

SOLUTION

Blockchain offers a high level of security when it comes to storing personal information. The searchers on Tr3zor will thus have no concern about posting information about their items or themselves that can be compromised.



PROBLEM

Traditional solutions are simply not effective enough - community-based lost and found networks are lacking incentive mechanisms that encourage and reward users for their participation, preventing these networks from achieving widespread adoption and a critical mass of searchers and finders for them to be viable.

SOLUTION

The way we execute payments is already evolving - with the advent of blockchain technology, people have been presented with a viable alternative to the traditional payment methods. Tr3zor uses different cryptocurrencies and TR3 tokens allowing users to deposit funds swiftly while preserving their privacy. These funds can then be used to pay off bounties in the matter of seconds, making sure that the person who found the item is rewarded. Furthermore, there is no limit to the funds that can be deposited and the chances for a failed transaction are very low compared to the traditional bank deposits.

Blockchain enables a high degree of globalization without legal or currency restrictions. The bounties can be obtained in an universal cryptocurrency no matter where the finders are.

PROBLEM

The existing platforms and apps for lost and found items are lacking the needed functionality to make the user experience flawless and to reach a level of automation that greatly increases the chances of a match between a searcher and finder without any additional effort from either side.

SOLUTION

Tr3zor offers advanced functionality to its users such as automatic image recognition that visually analyzes the database for the lost item, compares the input data and then matches the searcher with the finder automatically. Users do not have to search for the person who is currently in possession of the item at hand to get rewarded - the process is completely automated.



HOW IT WORKS

THE STAKEHOLDERS

There are two main stakeholder groups on the Tr3zor platform - searchers and finders. As the name suggests, searchers are those who are looking for a lost or stolen item. Finders are people who found an item and are looking to get rewarded by its rightful owner for returning it.

THE TEAM



TEVFIK KARABOGA

CO-FOUNDER & CEO

Is a tech enthusiast entrepreneur, working with blockchain since 2015 and have done several crypto projects successfully worked on a Bitcoin Mining project for long time.

Now founded world-first blockchain-based lost and found network called Tr3zor.



HERBERT STERCHI

CHAIRMAN OF THE ADVISORY BOARD

Experienced executive specializing in founding, staffing and operating foreign-based offices for global businesses.

Held management and board positions in international companies such as Thomson Reuters, Oracle, and PWC Consulting, before founding Herbert Sterchi GmbH and Codex Execution GmbH

Since 2013 in the Blockchain space where he helped to found and operate numerous start-up companies (e.g. Ethereum, Consensus, Akasha)

THE TEAM



AMIT SHAH

MEMBER OF THE ADVISORY BOARD

Technology entrepreneur with a track record of launching disruptive products, platforms and solutions globally. Start-up to IPO and history of Corporate experience in Europe and Asia. Advisory to Global leaders like Huawei, Google, CISCO, TÜV Rheinland among others

Active in Digital Assets and Blockchain Technology for delivering tangible solutions to customers



ADAM PARUSEL

CTO

Adam has over 20 years of experience as an app and web application developer. In his career as a software developer, he has implemented many of his own projects and worked for well-known international corporations. At Tr3zor, he is responsible for the development of the app.

THE TEAM



GABRIEL GREULICH

COO

Gabriel has over 15 years of experience in the digital business, having worked with renowned companies such as SAP. His passion lies in the digital realm, and he currently leads sales and day-to-day operations at a digital agency. His expertise spans across various areas including e-commerce, digital marketing, and web development.



CMO



CREATIVE DIRECTOR



SOCIAL MEDIA EXPERT



LEGAL



CYBER SECURITY



GRAPHIC DESIGNER