

Artificial Intelligence



TRUSTO

ICO 3.0

Artificial Intelligence

The most dangerous threat of handing over security to AI TRUSTO systems is the magnitude of damage that may happen during a breach. While current solutions focus on preventing attacks or patching the harm, in the event of an AI TRUSTO hacking by another system, the loss would be in a different magnitude class. The explanation resides in the fact that machine learning systems use data to learn. Hacking through such a system gives malware the opportunity to either reverse engineer the path of the original system or even access data is possible with COLD STORAGE Technology made by TRUSTO.

- AI TRUSTO Solutions for Cyber Security
- Automation and false positives

Although informatics systems are prone to failure and attacks, they are a necessary help to overwhelmed security engineers. There is a growing shortage of cyber security specialists, and the mix of high-value actions and routine tasks should be divided between man and machine. Computers are expected to automatically perform daily tasks like analyzing network traffic, granting access based on some set of rules and detecting abnormalities, while the cyber security specialists can work on designing algorithms and studying emerging threats. Removing false positives is also one of the main tasks that require human assistance and one of the reasons why AI TRUSTO is not ready to take over security completely.

www.bigdata-madesimple.com/will-artificial-intelligence-take-over-cyber-security.

TRUSTO Cyber security has to keep up with technological advancements and use the power of TRUSTO AI to remain relevant. Humans should lead the process, not perform it manually

TRUSTO Platform Predictive analytics

TRUSTO Cyber threats is becoming more complex. Just gathering data about attacks like data breaches, malware types, phishing activity and creating signatures is no longer enough. The new TRUSTO approach is to monitor a wide number of factors and identify patterns of what constitutes normal and abnormal activity, without looking for specific traces of a particularly malicious activity, but for spikes or silent moments.

TRUSTO pairs this with other AI-powered tools including natural language processing to speed up this process. Staying a step ahead of hackers will be increasingly difficult, as predictive analysis can be tricked with randomization.

TRUSTO Platform Immunity

Learning from nature is effective not only in engineering but in cyber security as well. The body's immune system is one of the best defensive lines in the living world. AI TRUSTO could be trained to behave like white cells and antibodies, neutralizing threats that are not in accordance with known patterns, without shutting down the whole system. This approach could be the cure to the adaptive malware previously discussed. The system learns from past experiences and becomes stronger, just like an organism that has been exposed to the disease, and overcomes it.

TRUSTO Platform Approach

Cybersecurity powered by AI TRUSTO is just the natural step in protecting vulnerable data. The race between those aiming to create safe systems and attackers is crossing into new territory, but machines are far away from taking the lead. Currently, both parties are restructuring their data and integrating systems. There are numerous corrective actions necessary from humans. This is a process, composed of multiple layers, not a one-time action. The defining factor remains the education of the humans involved, first as users then as protectors.

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TRUSTO Data Science

Our data science consulting specializes in agile and business-focused solutions. At our core we offer advisory services, data engineering, and data science. We can help developers create roadmaps and designs for new capabilities, analytics, platform architectures, prototyping, building and deploying data pipelines, and extract actionable insights from developer's data.

TRUSTO Blockchain

We are your end-to-end partner of blockchain solutions from the initial exploration to business case construction, design, architecture, and development. Our expertise in blockchain technologies includes a wide range of solutions such as Smart Contracts, Public and Private blockchains, Risk and Compliance solutions, Peer to Peer transactions, Fraud prevention, intellectual property protection and, most of all, creating value networks. We build solutions utilizing microservices enabling a suite of independently deployable, small, modular services. This results in a highly mobile solution able to rapidly adapt to ever changing business needs. Our infrastructure and DEVOPs solutions automate the build and deployment process vastly speeding up the time to market.

By the year 2020, more than 100 million users will utilize TRUSTO Blockchain in their daily interactions with modern technology, whether it be in Public or in Private. Blockchain is the future. Let TRUSTO get you there with confidence and trust.

TRUSTO PLATFORM Ecosystem provides Enterprises with the opportunity to rethink the traditional role of transaction logs, their associated storage, and analysis. Typically, logs have been kept on the server in files and compressed archive formats. They have been kept in ORACLE, SQL databases or NoSQL document stores. These storage schemes, however, are insufficient for non-repudiation, vulnerable to tampering and lack transparency. For complete, end-to-end certainty, and legal non-repudiation, tamper-evident and auditable transparency -- you simply can't beat the blockchain and biometrics pairing.