Cryptocurrency Trading Companies
The current target of cybercriminals and how to ensure safe and compliant transactions

CybrHawk
Transforming Cybersecurity

Table of contents

Overview

The cryptocurrency market is expected to reach USD 1,758.0 million by 2027 according to The Business Insights, and with the popularity of digital currencies like Bitcoin the number of investors considering in investing in Cryptocurrency Trading Platforms is more common, especially for how easy it is and the confidentiality that offers, at the same time there's a lot of risk that even good a good prognostic in the future are refraining the market to grow even more and get the trust of investors, the fact is: Cyber-attacks targeting Cryptocurrency Platforms are also in the rise.

$200 million stolen from online cryptocurrency exchanges, cybersecurity firm ClearSky (June 24, 2020) Source: ZDNet

The cryptocurrency exchanges suffered a total loss of $882 million due to targeted attacks in 2017 and in the first three quarters of 2018. Source: Group-IB

The security issues make many investors to hesitate before taking the decision to join any crypto exchange platform since even the bigger ones still can be impacted at any time. Also, these attacks are every time harder to detect by common AV Platforms.

Now, the incognitos that CybrHawk pretends to give light is: How can Crypto currency Trading platforms reduce the alarm of recurrence cyber-attacks and where to start?

The current growth and Major Problematic of the Cryptocurrency Market

What's the future of the Cryptocurrency market?

Studies consider the future of this market is on the rise, the global cryptocurrency market size is predicted to reach USD 1,758.0 million by 2027, exhibiting a CAGR of 11.2% during the forecast period states Fortune Business Insights™.

A look at the Lucifer Malware:

The malware called "Lucifer" that came with numerous exploits for conducting crypto mining functionality and performing distributed denial-of-service (DDoS) attacks on infected Windows machines, according to Tripwire.com Report.

The current growth of Cryptocurrency Market

Cryptocurrency trading companies are organizations that thought an online platform allow their users to buy and sell cryptocurrencies, in the latest years it has become one of the most growing trading markets online.

The acceptance of coins like Bitcoin, Ripple (XPR) and Ethereum (ETH), and the easy method of transaction, it's transaction fees and their confidentiality are some of the advantages of this trading method and has played an important role on its acceptance over the years, even driving many countries across the globe to issue their own laws and policies to ensure the safety of these exchange, 130 countries as well as some regional organizations that have issued laws or policies on the subject states The Library of Congress Law Report titled Regulation of Cryptocurrency.

Major Problematic: Security attacks are restraining the cryptocurrency market

- **Cyber-attacks have been causing thousands of millions of dollars in losses every time more regularity**, just recently an organized hacker group has stolen around $200 million from online cryptocurrency exchanges, cybersecurity firm ClearSky said in a report shared with ZDNet on June 24, 2020

- **The security of Cryptocurrency Trading companies represent a high risk** and amid the measures taken there's still a long way to go, between 2017 and the first three quaters of 2018 just 14 cyberattacks caused losses of 882 million dollars, stated Group IB.

- **These attacks are every time harder to detect by common AV Platforms,** a recent example is the malware called "Lucifer"

- **The security issues make many investors to hesitate** before taking the decision to join any crypto exchange platform

That leaves an incognito: How can Crypto currency Trading platforms reduce the alarm of recurrence cyber attacks?

How can Crypto currency Trading platforms reduce the alarm of recurrence cyber attacks?

First, the most important thing first is to study what is the main breach target of hackers:

1. **They could attempt to make an DDoS attack to access the windows machines**, just like what happened with Lucifer Malware.

2. **They could also detect certain wallet software to be vulnerable and violate the security,** method used by the hacker group who stole $30 million worth Ethereum Cryptocurrency reported to Cybersecurity Insiders.

3. **Another method could be conducting phishing attacks** directed to the emails by impersonating an employee or someone related to the organization, just how the CryptoCare hacker group did to steal the 200 million dollars in cryptocurrency according to ClearSky

Learning from previous attacks methods and enforcing the security of that line to prevent a new or another future malicious event happening is the best way to start reducing and enforcing your organization security environment, gaining investor trust and position in the market at the same time.

Now that we have the know-how is time to act in the right direction- The powerful platform against crypto trading threats

The powerful platform against crypto trading threats

After understanding what kind of threats your organization could experience is time to take action in the right direction:
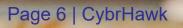
Stop attacks before they happen: CybrHawk Harpoon Security defense against changes to memory and process injection by blocking malware and ransomware before they launch an attack.

• Blocks 100% Windows Memory Injection advanced attacks
• Exploit, adversary evasion, and file less attack prevention
• Shielding prevents malicious module loads, DLL injection, and shellcode injection
• Authentic no false positives or false negatives
• Blocks attacks in-line before it happens
• Seamless to the end user
• Forensic Evidence: Attribution
• Trusted by Microsoft
• No user interaction – Fully deterministic

Secure Assets: CybrHawk Cloud Security provide stability and protection to cloud based resources, with multiple layers of protection. Whether in a private or public cloud, DDoS protection, high availability, data security, and regulatory compliance.

Secure Breaches: CybrHawk Dark Web Monitoring allows you to Identify, analyze and proactively monitor for Data Breaches, discover compromised or stolen employee credentials, and Reduce the risk of Account Takeover (ATO) attack.

Now that we have the know-how is time to act in the right direction- The powerful platform against crypto trading threats

Do Proactive Security: CybrHawk Threat Hunting Platform provides customers continuous threat hunting. Our team of experts create hunting queries informed by data and research on danger intelligence, then run then in your environment to detect emerging threats

Start using a Reactive Security: Cybrhawk SIEM provides all the critical tools: IDS, Intelligence risk, behavior, machine learning, cloud info and Process & Memory Injection Detection. The goal is to provide enterprise with full and total control systems.

Get to know How are we Transforming the Cybersecurity Landscape

Our Fusion Analytic Threat Platform which offers a deep insight and help customers rapidly identify and respond to cyber threats before there is a material breach now is **the first SIEM Platform in the market that offers Process & Memory Injection,** this allow to detect an attack before even happens by blocking malware and ransomware before they launch an attack.

This aded value including all the critical tools: IDS, intelligence risk, behavior, machine learning, cloud info, MDR, EDR, and Threat Hunting allows the organization to inherit ready-to-use tracking software and Advanced Visibility.

About CybrHawk, INC

CybrHawk is a leading provider of information security-driven risk intelligence solutions focused solely on protecting clients from cyber-attacks. We also pioneered an integrated approach that provides a wide range of cyber security solutions for organizations of varying size and complexity. Our solutions enable organizations to define their cyber defences to prevent security breaches, detect real-time malicious activity, prioritize and respond quickly to security breaches, and predict emerging threats.

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