



Military-Grade Crypto-currency Security & Cybersecurity

Toronto, ON January 9-10,  
2018



# Patented, Military-Grade Security for Crypto-Currency

*Solving the \$60B+ crypto-currency security problem*



🔒 **Military-grade crypto-currency security** to protect transactions, offline (cold) storage and recovery of lost wallets and currency.



🔒 **The only patented, biometric security for crypto-currencies**

🔒 **Enhanced Cybersecurity for crypto-currency exchanges** – military-grade, patented cybersecurity platform with dramatically enhanced risk-assessment for crypto-currency exchanges and other businesses



🔒 **Military Expertise** – Team includes security experts with military and commercial experience, including US Army, Marine Corps and Wall Street

🔒 **1<sup>st</sup> and Only** – One of the world's first and only solutions compliant with FIPS-FIAR: a rigorous financial standard required by Department of Defense



🔒 **Strategic Partnership** – Hilltop recently partnered with GuardSight – a cybersecurity specialist with a strong customer base of Fortune 1000 companies



# Without Better Security, Cybercrime & Coin Loss could Derail Crypto-currencies

*Because of poor security, over 25% of Bitcoins (est. USD\$60B) have been lost or stolen*

- **Crypto-currency Continues to Grow Rapidly:**
  - Bitcoin, Litecoin, Ethereum... crypto-currency has millions of users.
  - Coinbase – a leading digital wallet provider – has over 12M users.
  - There are now over 1380 individual crypto-currencies
- **These currencies are in mainstream use:** For Bitcoin alone, over 12,000 transactions take place per hour.
- **Potentially Fatal Security Problems:** Over 35 reported hacks of exchanges since 2011, with over 980,000 bitcoins stolen and exchanges shut down.



# Crypto-currencies Require Major New Security Measures

*Exchanges are failing to protect funds*

## Bitcoin exchange goes bust after hack

The Youbit crypto-currency exchange shut down after two cyber attacks. In April, 2017, thieves stole \$35 million in digital currencies and in December, 2017, a second attack resulted in the company filing for bankruptcy.



## More than \$70 million stolen in bitcoin hack

Crypto-currency exchange, NiceHash, lost approx. \$75M in Bitcoins following a sophisticated hack in 2017.



## More than \$65 million stolen from Bitfinex

Major crypto-currency exchange, Bitfinex, lost approx. \$65M in Bitcoins and was temporarily shut down in 2016 after being hacked.

**FORTUNE**

## One of World's Largest Exchanges Hacked

Bithumb was hacked in 2017, losing the data of over 31,000 customers. The criminals then successfully targeted many of the customers, draining their crypto-currency wallets

**FORTUNE**

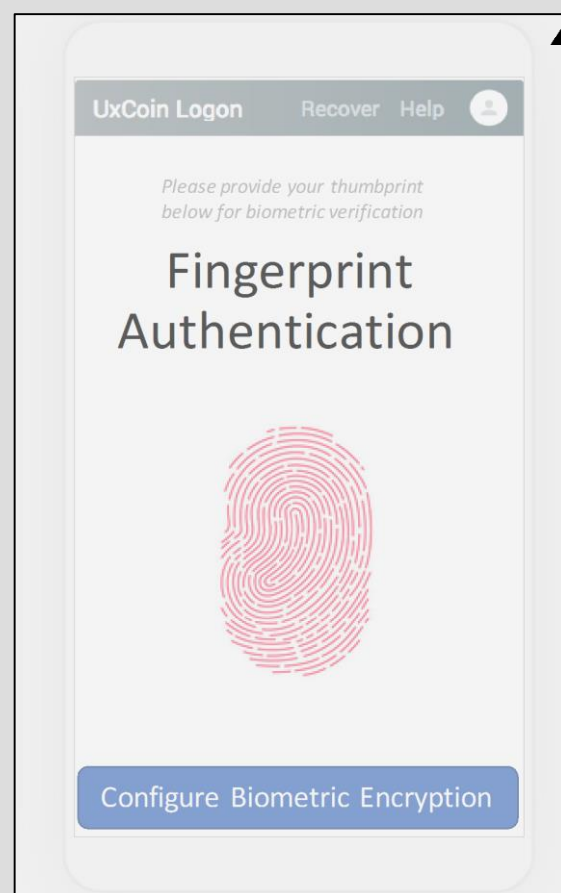




# Hilltop has the only patented, biometric security for crypto-currencies

*Military-grade protection for wallets, cold storage and transactions*

Mobile Device with Hilltop's Biometric Tech for Crypto-currency use



*GPS trackable, encrypted, offline storage of keys with full recovery capability*







Cybersecurity Portal to Protect Crypto-currency Exchanges



*Managed detection and response cybersecurity application*

# Hilltop Management Team

<p><b>Corby Marshall</b> CEO</p>	<p><b>Neil Wright</b> CTO</p>	<p><b>Tom Gilmore</b> COO</p>	<p><b>Kim Pease</b> SVP Product Management</p>
<p>Entrepreneurial executive and leader with extensive marketing, sales, financing experience. West Point Graduate and Former US Army Officer</p>	<p>Extensive experience in distributed computing, analytics and software development West Point Graduate and Former US Army Officer</p>	<p>Information Systems Security Officer, cloud engineer and ethical hacker West Point Graduate and Former US Marine Corps Officer</p>	<p>Senior Architect with a proven track record of delivering large-scale, mission-critical applications</p>
<p>SVP appOrbit, Head Case VR, Informatica</p>	<p>UPS Lead Architect, NYSE, Rare Medium, Treasury</p>	<p>FBI, IC, US Army, State Dept., National Guard</p>	<p>Informatica Architect, ESPN, JP Morgan, BEA</p>
			



# Cybersecurity: No One is Safe

*Crypto-currency exchanges are Tier One targets for cybercriminals but the problem goes beyond that*

- **No one is safe** – cyber attacks have shut down national grids, cell phone networks... every type of national infrastructure. The world is in the middle of a cyber war and businesses are on the front line
- **1% of global income** – hacking costs the U.S. up to \$300 billion per year. Worldwide that figure is closer to \$445 billion, or a full 1 percent of global income. By 2021, cybercrime costs could reach \$6 Trillion<sup>1</sup>
- **300,000 computers in 200 countries** – the number of victims of the recent ransomware attack “WannaCry”, which shut down companies and national infrastructure
- **\$90M ransom** – WannaCry demanded \$300 ransom for every computer
- **Organised & sophisticated** – cyber crime organizations are so organized that they release regular updates for their malware and have 1-800 number and customer service teams



<sup>1</sup> Gartner

<sup>2</sup> Cybersecurity Ventures

# Cybersecurity Platform for Crypto-currency Exchanges & Other Businesses

*Military-grade, patented and cutting-edge security & risk assessment*

## Cybersecurity Platform



- Vauban = Military-grade, patented cybersecurity platform
- Blockchain event validation, cyber tagging, incident response & rapid restoration
- Unprecedented level of risk assessment and continuous asset monitoring
- Predictive risk scoring, threat intelligence and data integrity through analytics
- Only solution compliant with FIPS-FIAR – a rigorous financial standard required by Department of Defense

## Strategic Partnership



- Strategic partnership with GuardSight - a specialist in Managed Security Services and Tactical Cyber Security Operations
- Cybersecurity company with a customer portfolio of Fortune 1000 companies
- GuardSight will act as a distributor and services partner for Hilltop's military-grade cyber security platform





# Current Growth Initiatives



## Crypto-currency Security

1. Launch patented biometric security platform for all crypto-currencies
2. Launch highly-secure crypto-currency platform for mining industry traders for trading precious metals across borders in secure environment

## Major Sales Contracts

1. Cybersecurity integration with GuardSight for major Media & Entertainment Company
2. Contract with US Census Dept. for creating a security operations center

## Intellectual Property

1. Patent for UxToken: Biometric-enabled device, GPS trackable crypto-currency private key safe storage
2. Patent for Vauban: Unique, secure complex event processing system



# Advisory Board

- **Pete Herzog:** Creator and researcher for the Open Source Security Testing Methodology Manual (OSSTMM), and the co-founder of the open, non-profit, security research organization, ISECOM
- **Michael Panico:** Director of Security, Lucasfilm; Deputy CISO, Warner Brothers; Forensic Security Lead at Microsoft; FBI Incident Response Team Lead
- **Manik Rath:** Senior Vice President, and Chief Legal Officer LMI; Vice President, Deputy General Counsel, and Assistant Secretary of Alion Science and Technology Corporation
- **Dave DiEugenio:** CIO at Marine Corps Recruiting; Vice President and Director of Cyber Solutions Group, Imperatis Corp.





# Big Wind/Hilltop Agreement

Pursuant to the terms of the signed definitive agreement, in consideration of the Transaction, Big Wind Capital Inc. will initially acquire a 25% interest in HTSI for an aggregate cash payment of USD\$660,000 (complete).

Big Wind Capital Inc. will have the exclusive right and option to acquire 100% of HTSI's assets other than the government purposed assets which will remain in HTSI, for an additional cash investment in HTSI of USD\$1,500,000 as well as issuing such number of common shares of the Company equal to 45% (post-issuance) of the issued and outstanding common shares of the Company.

The Company will acquire up to a 49% interest (an additional 24%) in HTSI, thus allowing HTSI to retain its US-owned status.

Upon completion of the transaction, Big Wind Capital will have its name changed to Hilltop Cybersecurity Inc. and will trade on the CSE under CYBX. OTCQX listing is imminent.



# Contact

## Hilltop Cybersecurity Inc.

Corby Marshall CEO

Phone: +1 703 463 2429

Email: [corby.marshall@hilltopsi.com](mailto:corby.marshall@hilltopsi.com)

Web: [www.hilltopcybersecurity.com](http://www.hilltopcybersecurity.com)

Address:

8300 Greensboro Drive, Suite 800

McLean, VA 221027

USA

## Big Wind Capital Inc.

Richard Matthews

Phone: +1 778 484 8028

Email: [rmatthews@dccnet.com](mailto:rmatthews@dccnet.com)

Web: [www.bigwindcapital.com](http://www.bigwindcapital.com)

Address:

700 - 1620 Dickson Avenue

Kelowna, BC V1Y 9Y2

Canada

