" People Who Are Serious About Software Should Make Their Own Hardware "

Alan Kay – Former Atari, Apple, Disney and Hewlett-Packard Chief Computer Scientist.

Proven in History.

Google & Microsoft

These giants have become increasingly involved in hardware design in order to maintain their position in markets such as phones, notebooks, and video game consoles and AI speakers and much more.

Tesla

Elon Musk's Tesla and SpaceX are as much about software as anything, but they wouldn't be anywhere without their hardware.

Apple

Steve Job's Apple are now vindicated after long years in the hardware/Software space with iphone, ipad, Mac and Macbooks etc.

Amazon

Jeff Bezos Amazon, moved into the hardware space with many devices, such as Amazon Fire Tablets, TV Sticks, TV Cubes, Speakers and many other IOT devices.

"We are very serious about software"

NOT only software but in particular Blockchain technology software!

SpiderMiner has combined its dedication into hardware and software tools in order to solve some of the Crypto Spaces biggest challenges.

Just like the launch of the 1st iPhone in 2003 which combined iPod, mobile phone and an internet device. To reveal the iPhone.

SpiderMiner are combing a DAO Vote, Hardware Miner, dKYC, CryptoWallet, VPN Router and a Metaverse protection aid.

To reveal ....

A UNIQUE HARDWARE MINING OPPORTUNITY

PROTECT, MINE, EARN, PROFIT & RELAX

What are the challenges?.

The Challenges.

Dark DAO's

The foundations of the vulnerability stem from the low barriers to entry for malicious actors (whether individuals or larger entities) to skew the democratic voting process by buying up large amounts of tokens to achieve an unfair share of the voter's rights and influence the decision making in an unfavourable way.

Hackers

Anyone who uses a computer connected to the Internet is susceptible to the threats that computer hackers and online predators pose. These online villains typically use phishing scams, spam email or instant messages and bogus websites to deliver dangerous malware to your computer and compromise your Internet security.

KYC Data Vulnerability

Almost all the major crypto exchanges expect users to offer KYC data, like passports, drivers licenses and other sensitive information which is then stored on centralised server making them vulnerable to attack or manipulation.

High Carbon Emissions

According to the Cambridge Bitcoin Electricity Consumption Index, bitcoin-mining operations worldwide now use energy at the rate of nearly a hundred and twenty terawatt-hours per year. This is about the annual domestic electricity consumption of the entire nation of Sweden.

Data Protection

In the Internet users register at services. If those services become successful, they accumulate millions of logins and often collect and share this information with many other companies creating a monopoly of users data.

Data Mining

In the Internet users register at services who accumulate millions of logins and often collect and share this information with many other companies. Selling your data.

What are the Solutions?

The Solutions.

SPIDERVPN – The Spider Virtual Private Network Will Be The Veins Of The Operation Interlinking All Of The Relevant Components And Ensuring That All Communities Are Safe And Secure using Military-Grade Encryption.

METAVERSE PROTECTION – Built In Metaverse Protection System, Which Ensures Your Security While You Concentrate On The Things You Care About Most In Your Metaverse.

HARDWARE DAO VOTING – One SpiderMiner Equates To One Vote With Safeguards In Place To Ensure Hoarding Of Hardware Devices Is Instantaneously Detected By The Network Removed Then Blocked from the Voting features.

The Solutions.

Bandwidth Monetisation - We are currently working on new and innovative ways of making use of your excess bandwidth. Since your SpiderMiner acts not only as a multi-token hardware miner, but also as a military grade VPN router we are able to analyse and calculate your average bandwidth usage and therefore able to automatically allocate and monetise excess bandwidth, harvesting the income right into your miners wallet..

Hardware Crypto Wallet - Hardware with MIPS Architecture, offering Military-Grade Cryptography, and 2-Factor Authentication protocols so that users may access their hardware wallet from any registered personal device (Phone, Tablet, Computer) whilst ensuring maximum security.

Decentralised ID (DID) - The Decentralised ID (DID) service combines hardware MIPS Architecture, offering Military-Grade Cryptography, and 2-Factor authentication protocols so that users may access their DID Wallet from any registered personal device (Phone, Tablet, Computer) whilst ensuring maximum security.

Net-zero supercharged mining.

The World's Most Eco-Friendly Crypto Miners.
The Spider Miner Has Net-Zero Carbon Emissions!

Buy a Miner - Plant a Tree

For every miner sold, we will donate $5 to the Tree-Nation project.

This project has already planted over 12m trees and offset over 1.5b Tonnes of CO2.

Low Power, Low Emissions

Spider Miners have very low power requirements, even when operated non-stop.

Their power consumption is equivalent to a typical LED bulb.

Mine Crypto, Earn tokens & Protect the Environment

You can earn crypto and still be guilt free - not only do we offset your mining carbon emissions, but we actually remove more carbon over the lifetime of the trees that are planted.

One Multi Purpose device to rule them all!

SPIDER MINER. – MULTI TOKEN, MULTI PURPOSE PIECE OF HARDWARE SOLVING A MULTITUDE OF THE INTERNET 3.0 PROBLEMS THAT EXIST NOW AND WELL INTO THE FUTURE.

LOW POWER, HIGH RETURN – EARN A PASSIVE INCOME, KNOWING YOUR HELPING THE ENVIRONMENT.

JOIN OUR GROWING NETWORK – HELP VALIDATE THE NETWORK PRIVACY USING PROOF OF STAKING PRIVACY PROTOCOL.

What tokens can I mine?.

Mining Groups!

Each mining Group will be made up of between 5-6 Crypto Projects/Tokens.

There will be new groups added over the next 3-5 Years and there is no limit on the number of Groups each miner can participate in.

We thoroughly vet all the projects before they're added to the Miner Batch to maintain your guaranteed high APY (in tokens) as well as mining integrity.

Multi-Token Mining!

Our versatile multi token miner has the unique benefit of token mining diversification. Your users can get peace of mind with their investment knowing that they are mining a variety of tokens, each with their own unique properties and potential.

How does it all work?.

Proof of privacy staking (POPS)

The heart of Spider Miner

Spider miner operates securely off chain via off chain workers (ocw) to minimize costs, protect the miners anonymity and provide additional security with on chain governance.

ON CHAIN

STAKING

DAO VOTE

VPN SECURITY

DECENTRALISED KYC

BANDWIDTH MONETIZATION

OFF CHAIN

PARTNER MINING REWARDS

VALIDATING CONNECTIVITY

DATA SECURITY

DATA PROTECTION THROUGHPUT

RELIABILITY CHECKS

POPS In Detail.

Staking

Miners are required to constantly stake a minimum of 1,000 $SPDR tokens during the mining period to validate the protocol.

Security

Each mining validator has to participate to have to participate fully in verifying and contributing to Spider VPN's world class service.

Reliability

Our encrypted system checks and reports on the current and historical status of the miner reliability.

Validity

Each validator is validated by its unique mac address & chipset serial numbers.

Data protection throughput

Miners are expected to achieve and maintain a minimum quantity of protected data throughput.

How much can I earn?.

The SpiderMiner Ultra operates in 2 modes:

1.

In mode 1 it can be a simple hardware miner that will mine equal amounts of a variety of tokens over a set period of time (1 year) for a fixed rate of return (in tokens). Currently, this **"Mine Only"** rate of return is **140% (in tokens mined).** This means that your initial investment will grow by 40% (in token quantities) after 1 year of operation.

2.

In mode 2 it can be a "Mine & Bond" miner that will mine equal amounts of a variety of tokens over a set period of time (1 year) for a higher rate of return (in tokens). Currently, this **"Mine & Bond"** rate of return is **165% (in tokens mined)**. This means that your initial investment will grow by 65% (in token quantities) after 1 year of operation.

What's the difference between Mining Modes?

"Mine Only" Mode....

In **"Mine only"** mode the SpiderMiner Ultra operates like a traditional hardware miner and will give mining rewards based on the miner Algorithm (POPS-Proof of Privacy Staking). As long as the miner is meeting the requirements of the POPS Algorithm then rewards accumulate at the 140% rate (in token quantities).

"Mine & Bond" Mode....

In **"Mine & Bond"** mode the SpiderMiner Ultra also operates like a traditional hardware miner and will give mining rewards based on the miner Algorithm (POPS-Proof of Privacy Staking). The 165% reward rate (in token qualities) become available when users initiate the Bond feature within the miner.

+25% More Token Rewards in Mine and Bond Mode

SpiderMiner Series.

PHASE 1

PHASE 2

PHASE 3

Technical Specifications.

Feature	Feature on SpiderMiner Ultra MG1
CPU	4-core ARM Cortex A53s 1.2 GHz
Memory	128MB NAND FLASH
Storage Memory	High-speed 512MB DDR3
Wifi6	No
Wifi Speed	Speeds up to 1.2 Gigabit
Wifi Chipset	2.4G QCN5022 & 5.8G QCN5052
Ethernet	RJ45 10/100 Mbit LAN with 24V POE
USB	Expandable Storage
Interface	Custom SpiderMiner

Feature	Feature on SpiderMiner Ultra MG1
WAN	PPPoE
Protocol	PoPP
Power Supply	24V DC passive PoE or USB-C PD rev 2.0 up to 22V
Power Consumption	3.5W in average, peak 6W
Operating Temp.	-40°C to 70°C
Enclosure	ASA plastic, anti-UV
Package Size	24cm X 14cm X 2.5 cm
Weight	0.4 kg
Interface	Custom SpiderMiner

ANTMINER S19 Pro.

vs

SPIDERMINER Ultra.

	Bitman Antminer S19 Pro	SpiderMiner Ultra
Cost	$4000+	SpiderMiner Ultra $1250
Power Consumption	3250 Watt	5 Watt
Noise	75 db	Silent
Operating costs	$600	Virtually 0
Set Up	Required Tech Skills	Plug'n'Play
Outdoor usage	No	No
Interface	Ethernet	Ethernet/WiFi/LTE

SpiderMiner.

ANTMINER S19 Pro.

vs

SPIDERMINER Pro MG1.

Bitman Antminer S19 Pro

SpiderMiner Pro

	Bitman Antminer S19 Pro	SpiderMiner Pro
Cost	$4000+	(TBC)
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Outdoor usage	No	No
Interface	Ethernet	Ethernet/WiFi/LTE

Technical Specifications.

Feature	Feature on SpiderMiner
CPU	1.2 GHz
Memory	128MB NAND FLASH
Storage Memory	High-speed 512MB DDR3
Wifi6	No
Wifi Speed	Speeds up to 800 Gigabit
Wifi Chipset	2.4G QCN5022 & 5.8G QCN5052
Ethernet	RJ45 10/100 Mbit LAN with 24V POE
USB	Expandable Storage
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