## **Blockchain App: First Crypto-**Mining Browser Development Velvetech helps Blockmint Technologies build a secure cryptocurrency

mining browser

Technologies: blockchain, cryptocurrency, Chromium, VPN

**Duration:** 14 months

Project: web browser Minter

- **Target audience:** Monero (XMR) miners and cryptocurrency enthusiasts



BLOCKMINT

THE CASE

Challenge

We had to build a secure web browser that would allow users to mine cryptocurrency while surfing the net and, at the same time, preserve their

## GG We aim to make the crypto-economy more decentralized and

**Nelson Ijih** CEO and CTO at Blockmint Technologies

accessible to everyone.

## **Crypto Revolution with Blockchain App**

#### for building Minter — the first browser that allows users to mine crypto. Brave comes with the perfectly set up privacy features: Ad blocker Pop-up blocker

Third-party cookie blocking

- **Crypto Wallet** To allow users to mine and make transactions with Monero — a secure, private, and untraceable digital currency — we integrated a Monero crypto wallet into the Minter browser.

#### A virtual private network built into the Minter browser is fast and censorshipresistant, meaning it's incredibly hard to detect whether Minter's user is browsing via a VPN at all. The VPN we developed relies on the proof-of-work

Besides building the browser, Velvetech also developed an admin portal with a dashboard where Blockmint's employees can review user statistics: balances, mining rate, VPN usage, etc. **Technical Challenges** 

algorithms, and so it can't be detected by Deep Packet Inspection — a special

software ISPs and network managers use to reroute or block traffic.

#### **VPN Protections** Location LONDON

Public IP Address

Currently Connected

▼ MINING SETTINGS

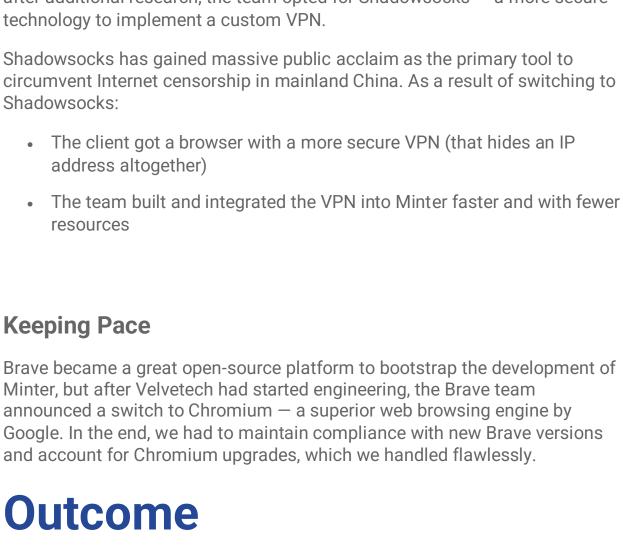
CPU Miner Load:

Off

On On

Ad Control Low Block Ads 54 H/s Current Miner Hashrate: Cookie Control Total XMR Earned: 1.000064 Block 3rd Party Cookies Expected XMR Earnings\*: 0.000259 Fingerprinting Protection \*XMR earning forecast for the next 24 hours based on the current hashrate Block 3rd Party Fingerprinting

35.197.232.4



Minter is the first browser in the world that lets users earn cryptocurrency

mainstream, partially thanks to joined Blockmint Technologies and

Free Integrated VPN

Built-in VPN provides you

with a censorship-proof,

safe, secure and

experience.

Velvetech's efforts.

Earn Money while

The only browser that you

earn income while you

browse the internet.

\$

We are in talks with Blockmint Technologies about the intentions to create Minter 2.0, a solution that will support even more advanced features. There are also plans to port the browser to the Mac and make the application available on the iOS and Android platforms. Velvetech is excited to bring on its <u>blockchain app development expertise</u> to help trailblazers like Blockmint Technologies explore new growth

What's Next

market.

opportunities and drive wider blockchain adoption in the mass consumer

## distributed ledger technologies to enable a more decentralized deployment of blockchain-based apps.

### Blockmint Technologies wanted to introduce to the market a new web browser that would offer users better privacy and let them reap the benefits of blockchain, such as participation in the crypto economy.

## privacy. So, besides crypto-mining, the browser would have to feature a VPN, ad blocker, and crypto wallet.

# Our team of <u>blockchain developers</u> chose the Brave browser as the platform

Script blocking

• Secure HTTP connections

Web Browser

**Process** 

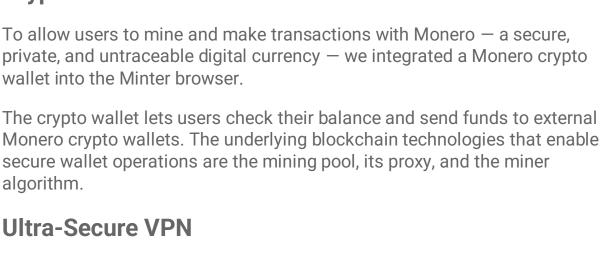
**Development** 

Besides, Brave comes with Chromium, Google's open-source web browser, that offers the latest Chrome features, APIs, extensions and guarantees a smooth browsing experience for the user.

A .

**202 EUR** 245 USD

Wallet



## Admin Dashboard

As with any <u>software development project</u> that involves the use of nascent technologies, our team ran into a couple of roadblocks. Despite that, our expertise and focus on the client's goals helped us successfully resolve all issues and deliver a top-notch blockchain app.

Protections

Site protection settings for

Ads and Trackers Blocked

Fingerprinting Methods Blocked

blockmint.ai

HTTPS Upgrades

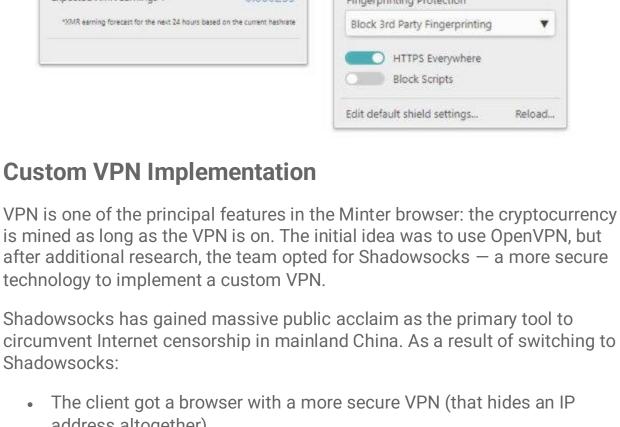
O Scripts Blocked

Advanced Controls

O Up

w

Down



#### while browsing websites. On top of that, this application generates profits for Blockmint on a revenue-share model. Minter's user adoption rate shows that blockchain technology is becoming

GG Of all the companies we spoke to, Velvetech was the one that had

hands-on prior experience with Blockchain. Finding the

Velvetech team was the best thing that happened to us. We were

able to meet all our deadlines and ship our products on time. We

look forward to collaborating with Velvetech in the Blockchain

space and other future technological areas.

**Block Ads & Trackers** 

companies from tracking

your activity while online.

Prevent malware and

**Browse Faster** 

time.

Increased browsing speed

with the automatic block

of third-party trackers that

**Nelson ljih** CEO and CTO at Blockmint Technologies



**Blockchain Project?** 

Velvetech V

LET'S TALK

www.velvetech.com