



**BLOCKWARE  
SOLUTIONS™**

# Blockware 101

An all inclusive guide to mining Bitcoin  
with Blockware Solutions

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# Who is Blockware Solutions?

Founded in 2017 and with mining experience dating to 2013, Blockware Solutions has experienced the highs and lows of Bitcoin cycles, and is equipped with the expertise necessary to handle the unique challenges of each phase of the market cycle. Throughout our history, Blockware has been at the forefront of innovation in the mining industry, and has set the standard for both retail and institutional miners alike.

From pioneering Mining-as-a-Service in North America, building, owning and operating facilities, and launching the Blockware Marketplace, we have established an international reputation as the most trusted name in the world of Bitcoin mining.

Here are some of our accomplishments since inception:

- 300,000+ Mining Rigs Sold**
- 400+ MW of Hosting Clients Placed**
- 1,000+ BTC mined through the Blockware Pool**
- 50,000,000+ views on Blockware Media/Research**

## Founding Team



Mason Jappa: Chief Executive Officer



Sam Chwarzynski: Chief Investment Officer



Matt D'Souza, CPA: Late Co-Founder

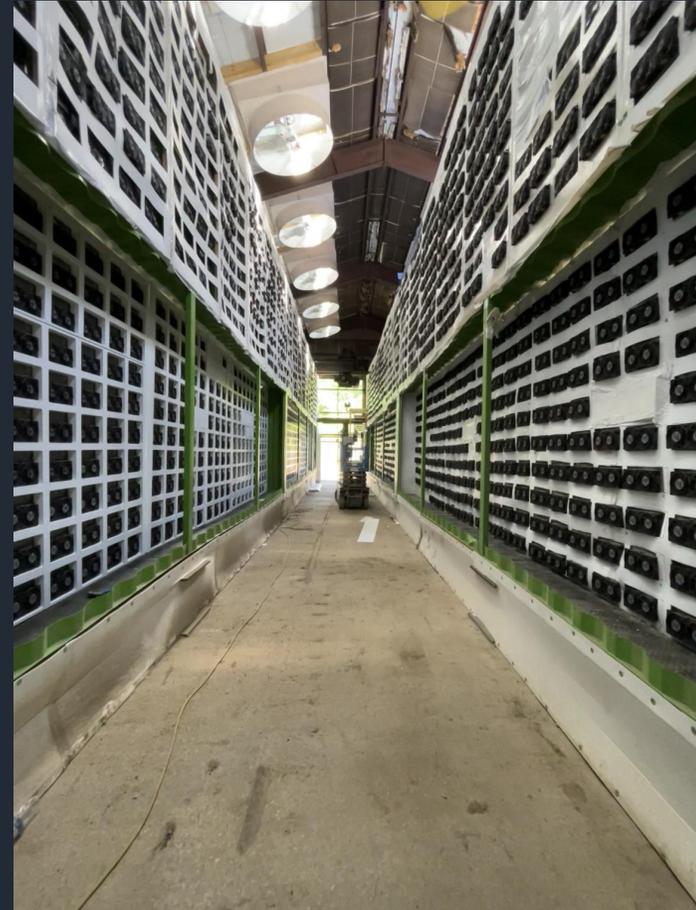


# What makes Blockware Solutions unique?

Since inception, Blockware has been in the business of counterparty risk mitigation. This operational focus is one of many factors that sets Blockware Solutions in a tier above the rest of the industry.

Back in 2021, we looked to the market and saw a frothy industry. Competitors were plugging machines in anywhere they could find space, whether the operators were capable of providing quality service or not. We saw this as a signal of an industry riddled with counterparty risk. This is why we elected to move our client's machines out of 3rd party facilities, and spent the time, capital and man-power required to build 2 high-quality mining facilities located in Kentucky, USA.

In the same stroke, we began the development of our most exciting innovation to date, the Blockware Marketplace. This platform, released to the public in 2023, has completely changed the hosted mining game, and enables Bitcoiners to buy and sell turnkey ASICs with complete transparency surrounding historical performance, costs/revenues, location, etc.





# More about Blockware Solutions Hosting Facilities

As previously mentioned, Blockware owns and operates two Bitcoin mines located in eastern Kentucky here in the United States. This enables us to be a rare vertically-integrated mining company, as Blockware employees do it all, from maintaining and operating equipment, all the way to customer support and market research.

In the second half of 2023, we have teamed up with extremely select operational partners to expand our scope of operations and open the floodgates for the customers ability to customize their mining experience. Do you want to geographically diversify your mining fleet? Great! Do you want to concentrate your fleet in the political jurisdiction you prefer? No problem.

We've learned from the mistakes of our competition, and conduct extensive due diligence on 3rd party facilities that we select. Not just anyone gets to take in Blockware rigs, you must first pass a rigorous checklist of interviews, site visits and financial/operational DD.

**Blockware Solutions: Kentucky, USA**



**Salcido Enterprises: Washington, USA**



**Global X Digital: Oklahoma, USA**





# The Blockware Marketplace

The aforementioned Blockware Marketplace was released to the public in Q2 2023 and tackles past hosting struggles by enabling

1. Zero Lead Time Mining
2. Full Transparency
3. Access to ASIC Liquidity

This all-in-one platform, built on the Lightning Network, has solved these issues for good. All machines you can see listed for sale on the platform were done so by their current owner, at the price they chose. You can click on an individual listing to see how that machine has performed over the last 30 days, when it was plugged in, how much revenue it's been producing, its serial number, its hosting rate, and more.

With machines required to be paid for in BTC, revenue paid from the Blockware Pool in BTC, and rig sale proceeds coming direct to your wallet in BTC, the Blockware Marketplace is a circular Bitcoin economy. The Marketplace website also has tabs for you to view your fleet's performance 24/7/265, your past and pending payouts, and a list of your transactions.

The screenshot shows the Blockware Solutions Marketplace interface. At the top, there's a navigation bar with links for Home, Marketplace, Blockware Intelligence, Services, Support, About, and Contact. Below this, a header indicates the price is shown in USD, with a conversion rate of 1 BTC ≈ 34,599.81 USD (last updated Oct/30/2023 - 11:18 AM). The main content area is titled 'Marketplace' and includes tabs for 'Asks' and 'Bids'. A search bar and a 'Filter' button are present. A 'Place Bid' button is visible in the top right. Below the search bar, there's a section for 'Rigs For Sale' with a 'Download CSV' button. A table lists four rigs for sale, each with a 'Buy now' button.

Location	Machine	Hashrate (24h)	Est. Revenue (30d)	Est. Profit (30d)	Price	
KY-LF	Antminer S19j Pro (104T)	105.86 TH/s	229.28 USD	54.47 USD	1,499.00 USD	Buy now
KY-LF	Antminer S19j Pro (104T)	106.39 TH/s	229.28 USD	54.47 USD	1,444.00 USD	Buy now
KY-LF	Whatsminer M50	117.33 TH/s	267.65 USD	79.28 USD	2,379.00 USD	Buy now
KY-LF	Whatsminer M50	119.44 TH/s	265.64 USD	77.27 USD	2,311.00 USD	Buy now



# How do I use the Blockware Marketplace?

Transacting on the Blockware Marketplace is very simple.

1. Create an account
2. Complete the onboarding process
  - a. Submit billing information
  - b. Sign the Master Purchase Agreement
3. Save a Receive Address where you'd like your mining rewards and any ASIC sale proceeds to be sent
4. Select the ASIC you'd like to purchase and the hosting term you prefer
  - a. You can also place a bid on a specific model
5. Submit payment within 24 hours to the Bitcoin Address provided

We require 6 on-chain conformations (approx. 1 hour) before the machine's legal ownership is transferred to your name and the machines associated rewards begin flowing to your wallet. You will receive an email notification when this process is complete, and you can then view your machine on your Dashboard or "Assets" tab.

It's really that simple!

Pay the total in BTC

Time to pay: 22:59:41

Total 0.06152959 BTC

Choose the network with which you want to make the payment

Bitcoin ⓘ

Lightning ⓘ

Estimated Network Transaction Fee: 0.00001120 BTC

Send the total to this Bitcoin address

3BkoTS9P9iNtbaD...stztiAWnQAGSBXq 

Or scan QR code





# Can I buy ASICs in bulk?

Yes, you can absolutely buy ASICs in bulk with us! We have 2 methods of purchasing rigs, which have pros and cons suited to different individual's needs.

1. Blockware Marketplace Transaction
  - a. This method allows you to get near-instant hashrate, and understand how the machine performs before purchasing
  - b. Bitcoin is the only payment method accepted
  - c. Best for retail miners in the market for 1-9 machines
2. Over-The-Counter Purchase
  - a. OTC purchases enable customers to get the most bang for their buck, as bulk rig pricing tends to be lower than marketplace listing prices
  - b. Lead times are generally 3-5 weeks, but may vary depending on market factors
  - c. Best for retail/institutional miners who are looking to purchase 10+ machines
  - d. Accepted payment methods include USD ACH, Wire, USDC, USDT and BTC



Fill out a form [here](#), to get directly in-touch with a member of the Blockware Sales team.



# Which model ASIC should I buy?

The specific model of machine that is best suited for you is a fairly personal decision, and comes down to many factors such as budget, time horizon, and risk tolerance. For this reason, we recommend filling out a contact form to speak with an Account Executive who can help walk you through the options, and personalize your fleet to best suit your goals.

Generally speaking, we tend to recommend the most efficient machines as a good fit for most, as they provide a level of downside security that isn't found in older-gen hardware. With the 2024 Halving quickly approaching, running new-gen ASICs with strong J/Th efficiency ratings is important to set yourself up for the best possible success. This would include the Antminer S19 XP, S19k Pro and S21, or the Whatsminer M50 and M60, to name a few.

That being said, as previously mentioned, what's best for some customers may not be what's best for you, which is why we strongly recommend learning as much about mining as you can, something that we're happy to help you with.





# What are your hosting rates and how do I pay?

Our hosting rates are variable to the volume of machines purchased, but currently range from \$0.07-0.08/kWh.

This all-in monthly fee covers mainly the electricity that your machine uses, but also includes rack space, internet, on-site labor, and personalized support and portfolio analysis.

At the purchase of your units, you will be charged a 2 or 3-month hosting deposit, which pre-pays the final months of your hosting contract. If you elect to sell any machine on the marketplace before the deposit is used, this will be credited to your other miner's next bill, or refunded to you if that was your only machine.

Hosting can be paid using USD ACH, Wire, USDT, USDC, Credit Card or Bitcoin.

$$\begin{aligned} & \text{Hosting Rate (\$ per Kilowatt Hour)} \\ & \quad \times \\ & \text{Machine Hashrate (Terahash per second)} \\ & \quad \times \\ & \text{Machine efficiency (Joules per Terahash) } \div 1000 \text{ (Joules per Kilowatt)} \\ & \quad \times \\ & \quad \text{24 Hours} \\ & \quad \times \\ & \quad \text{31 Days} \\ & \quad = \\ & \text{Monthly Hosting Cost} \end{aligned}$$



# What happens if my machine requires maintenance?

ASICs are ~40lb computers that run 24/7 and consume more electricity than an average American household. Like any piece of hardware, machines can occasionally require maintenance and repairs. We charge a \$7/month cleaning fee to help avoid some of these issues, but some may be unavoidable.

Bitmain and Whatsminer ASICs all come with a 365-day warranty. In the case that your machine falls under warranty and requires a fix, it will be sent to an OEM-certified RMA facility in the US to be repaired. The cost of this repair is free, but you will be charged for shipping the machine to and from the facility at cost.

Issues that occur outside of the warranty period will be communicated to the client and can often be handled in-house by our team of licensed technicians. More complicated repairs are sent out to 3rd party facilities to be performed by specialized technicians. Once again, the costs and timing of these repairs will be communicated to you when necessary.

If you notice that a machine is offline or underperforming, you can fill out a technical support ticket [here](#) to get in touch with our support team.





# Helpful Links

Blockware Solutions Help Center: <https://blockwaresolutions.atlassian.net/servicedesk/customer/portals>

Blockware Sales Contact Form: <https://www.blockwaresolutions.com/contact>

Technical Support Form: <https://blockwaresolutions.atlassian.net/servicedesk/customer/portal/1/create/1>

Billing Support Form: <https://blockwaresolutions.atlassian.net/servicedesk/customer/portal/1/create/2>

BWS KY Site Status Page: <https://blockwaresolutions.statuspage.io/>

Antminer Warranty Checker: <https://m.bitmain.com/support/warranty>

Whatsminer Warranty Checker: <https://microbt-whatsminer.com/support/>

Blockware Intelligence Research: <https://www.blockwaresolutions.com/blockware-research-and-publications>

Blockware Intelligence Newsletter: <https://newsletter.blockwareintelligence.com/>

Blockware Intelligence YouTube/Podcast: [https://www.youtube.com/channel/UC678LSROK47I\\_G-pMnOMgA](https://www.youtube.com/channel/UC678LSROK47I_G-pMnOMgA)



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**Still have questions or want to buy ASICs in bulk?**

✉ [Sales@blockwaresolutions.com](mailto:Sales@blockwaresolutions.com)

✉ [blockwaresolutions.com/contact](https://blockwaresolutions.com/contact)

[OTHER FAQs](#)

Blockware Solutions LLC  
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Austin, TX 78756

[www.blockwaresolutions.com](https://www.blockwaresolutions.com)

## Institutional Hosted Mining & Hardware Procurement

*Blockware Solutions provides the critical connection institutions needed to access the mining ecosystem in a trusted, scalable, and seamless way.*

### Blockware Solutions Core Offering:

- Mining Rig Procurement
- Miner Management Software
- Turnkey Hosting Services
- Blockware Marketplace
- Mining Pool Participation

### Blockware Research and Publications

- **Industry Leading Research and Reports**  
<https://www.blockwaresolutions.com/blockware-research-and-publications>
- **Weekly Intelligence Newsletter**  
<https://www.blockwareintelligence.com>
- **Blockware Intelligence Dashboard**  
<https://intelligence.blockwaresolutions.com>
- **Blockware Intelligence YouTube Channel (50,000+ subscribers)**  
<https://www.youtube.com/c/BlockwareIntelligence/videos>