TAKE THE BLOCKCHAIN TO WORK

BUILDING AN ECOSYSTEM OF BLOCKCHAIN-BASED SOLUTIONS

BLOCKCHAIN FOUNDRY

BLOCKCHAINFOUNDRY.CO

DEVELOPERS OF SYSCOIN • SYSCOIN.ORG • DEVELOPERS OF BLOCKMARKET

BLOCKCHAIN FOUNDRY

Rethink your technology stack.
100% Uptime. Built-in data redundancy. Secure. Blockchain technology will revolutionize business across markets worldwide. Do you know what the blockchain can do for your business' bottom line? Blockchain Foundry Inc. helps you understand. We build solutions for you to leverage that power without even knowing it's there.

We are on a mission to change the way your software is developed and your data is served.

Blockchains are already securing billions of dollars in the growing digital economy. Data security is a primary concern and leveraging blockchain technology to store data endows all of our projects with the world's most provable and unbreakable encryption.

Traditional software solutions will typically centralize your data to in-house or hosted servers, requiring maintenance by staff and regular backups. We use the blockchain as our foundation, allowing your data to be globally distributed with limitless redundancy, considerably increasing your profit margin.

Blockchain Foundry's mission is to disrupt markets by leveraging the potential of blockchain technology. We remove middlemen, clearing houses and other such mechanisms that negatively affect your bottom line. We also minimize errors and security breaches. This type of technology is especially critical in markets where a simple supply chain inefficiency can lead to massive revenue losses. We believe blockchains will fundamentally change how organizations think about doing business.

We believe you should always use the right tool for the right job. Different blockchains have different features and benefits and we are committed to unlocking the blockchain's potential. Interested in exploring what benefits a custom, private or existing blockchain technology might bring to your organization? We offer blockchain consulting and development services that fit your needs.

Blockchain Foundry Inc. is a blockchain technology development company which has developed a service layer of smart contracts on the Syscoin blockchain. Although Incorporated in 2016, Blockchain Foundry started in 2013 with the development of Syscoin, our flagship product. Our expanding knowledge and understanding of blockchain technology has enabled the unique combination of blockchain services found in our platform:

- Developers of Syscoin
- Developers of Blockmarket
- Custom Blockchain developers
- Blockchain solutions provider based on new and existing technology
- Incorporated 2016 in Toronto, Canada
- Certified Microsoft Development Partners
- Decentralized Identity Foundation Founding Member

- Decentralized Trade
- Escrow
- Data Pruning
- Digital Certificates
- Encrypted Messaging
- Assets & Tokens
- Z-DAG (Zero Confirmation transactions)
- Multisig Services
- Aliases & Identity

These services can be leveraged for hundreds of use-cases such as Private Decentralized Data Distribution, Token or Asset Management, Certification and Notarization and more in various fields including:

- Insurance
- Medical
- Payroll
- Gaming
- Governance
- Arts & Media
- Real-Estate
- Fintech
- Supply Chain
- International Trade
- Logistics
- And much more

BLOCKMARKET
Desktop

Blockmarket for desktop includes the Syscoin wallet and the marketplace in a multi-OS wrapper, enhancing user experience and versatility with Javascript and HTML5 and drastically decreasing user interface development time.

You can think of Blockmarket Desktop as an incredibly powerful wallet with a built-in marketplace. Blockmarket is part of a longer term strategy to make Syscoin's platform as a whole more accessible, consistent, and user friendly to the mainstream audience. These updates paired with the enhancements in Syscoin Core bring the market a set of features merchants and consumers have been asking for, like Multiple Image Support, Accounts, Avatars, Notifications and more.

Buying cryptocurrency is currently a challenge for non-technical users. Blockmarket makes it easier for anyone to earn their first cryptocurrency by selling on the marketplace.

- Buy of Sell Anything to Anyone, Anywhere in the world
- No Middlemen
- No Hosting fees
- Zero Downtime
- Near Zero Fees
- Arbitrated Escrow
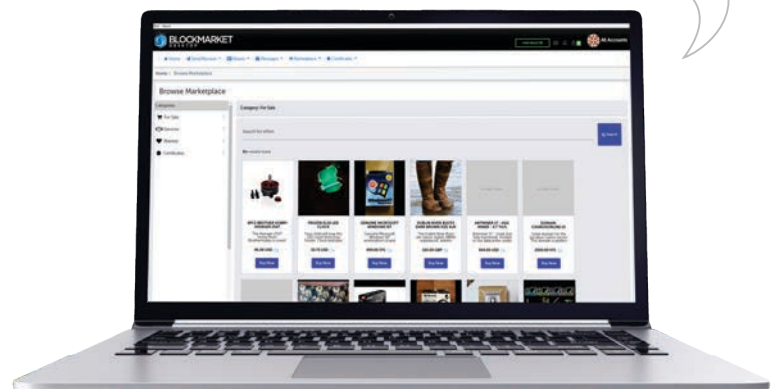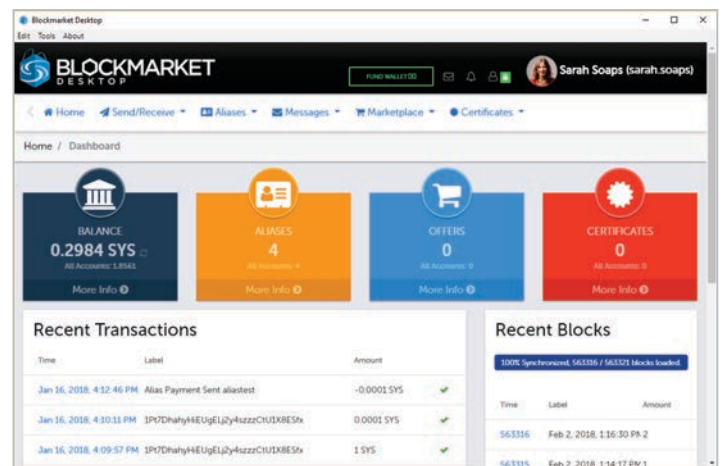- SafeSearch Hides Sensitive/Explicit Content

Blockmarket is a game-changer for the Syscoin project and ecosystem. It is the first step toward true blockchain-based consumer-facing products with user-friendly interfaces. Blockmarket Desktop has replaced Syscoin QT Wallet as the flagship Syscoin wallet. Blockmarket brings ease-of-use to our distributed marketplace, providing new features, use-cases and considerably reducing the development time required to deploy. The core functionality of the Syscoin network has been in place and working since August of 2014; the Blockmarket initiative continues the team's promise to deliver and bring this technology to the mainstream through advancements like Zero-Knowledge Authentication (ZKA) and partnerships such as Microsoft and Changelly.

Changelly integration brings:
- Visa/Mastercard Support
- In-wallet cryptocurrency exchange

flyp.me   Changelly

BLOCKMARKET
Web

Blockmarket Web changes everything. Currently, harnessing blockchain technology requires some technical knowledge & complex software installations, considerably limiting our target-market. Requiring only a web-browser via any internet-capable device, Blockmarket Web moves our target market from today's estimated 50, 000 cryptocurrency users to today's 4+ billion internet users.

Unlike today's Syscoin wallet desktop experience, Blockmarket Web is entirely web-based. Intuitive by design, you will have more control over your sales and presentation. Customize the look and feel to match your store brand and give partners or staff the ability to update your store. Features like notifications when items are sold/purchased or when you receive a new message are all new features that will be offered on Blockmarket Web. Making selling on the Syscoin platform secure, easy, and reliable for merchants is key to our long-term success.
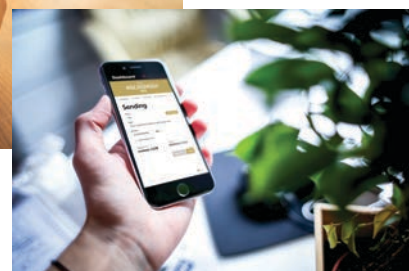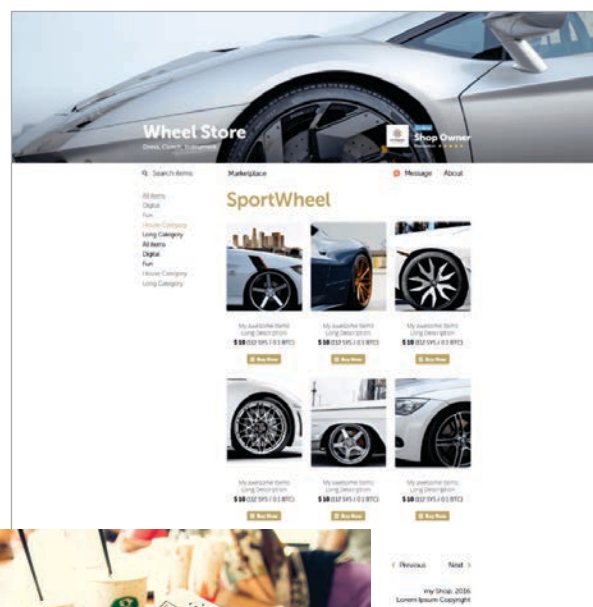
Changelly & Flyp.me integration brings:
• In-wallet cryptocurrency exchange

• Zero Knowledge Authentication

• Use on any Web-Enabled Device

• Private or Public Marketplaces

• Skins / Custom Look & Feel

• Automated Social Media Broadcasting

• Plugins and Import Filters

• No Middlemen, Near Zero Fees

Blockmarket for Web isn't just something for sellers to be excited about, it is also the first step towards an entirely re-designed wallet experience, including the desktop and a full-featured mobile wallet as well! Even if you're not selling anything, you can setup Blockmarket on a web server and use it as your personal web wallet, or use our dedicated Blockmarket Website, giving you access to your coins and your store wherever you are!

Blockmarket for Web is a cross-device experience. This goes beyond just simple buying and selling. Accessible to anyone with an internet connection, Blockmarket allows you to use all of Syscoin's core features from encrypted messaging to buying/selling goods, and of course sending and receiving Syscoin.

SYSCOIN
Business on the Blockchain

Syscoin is a global network, a distributed ledger, a decentralized database and a blockchain. It is also a cryptocurrency, an "altcoin", a digital currency and a tradeable token.

Syscoin is based on a fork of the Bitcoin protocol and is merge-mined with Bitcoin, giving us one of the most secure, stable and scalable networks to ever exist on the planet.

Syscoin completed Satoshi Nakamoto's original vision of including a marketplace on the blockchain, but we didn't stop there.

Syscoin is a revolutionary cryptocurrency that offers near zero cost financial transactions, incredible speed and provides businesses the infrastructure to trade goods, assets, digital certificates and data securely. Syscoin isn't just about money and trading, it has the ability to attract various industries thanks to its native set of features geared towards business on the blockchain. From eBay traders and High Street shops to Medical applications, Insurance and Gaming, Syscoin's decentralized network benefits everyone!

Unlike other cryptocurrencies, Syscoin's intrinsic value is derived from the decentralized services it provides directly on the blockchain. Syscoin combines many features working together that are not found in other blockchain projects:

- Decentralized Trading
- Digital Certificates
- Aliases & Identity System
- Multi-Signature Services
- Encrypted Messaging
- Arbitrated Escrow
- Blockchain Pruning
- Marketplace Moderation
- 30+ Payment Options

- Price Pegging
- Segwit Activated
- Lighting Network
- Anon Payment Options
- Private Data
- Offer Geolocation
- Dynamic Fees
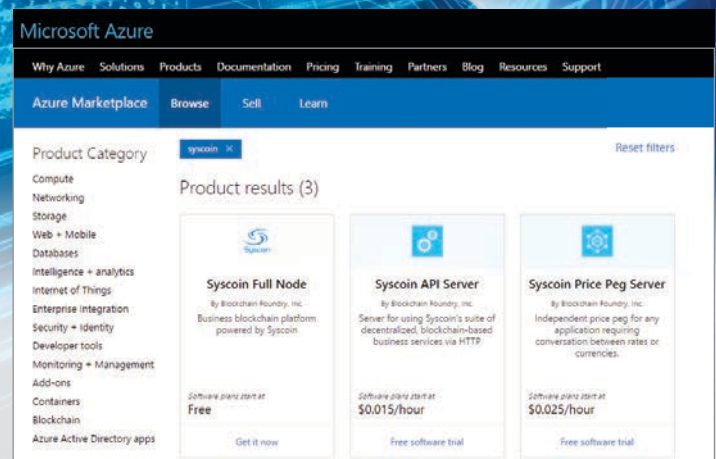- Shipping Notification
- Rating System

FULL REST API AVAILABLE =>

Syscoin QT Wallet
Syscoin's core product is the Syscoin Wallet. This includes the full node, all Syscoin services and a basic in-wallet marketplace experience.
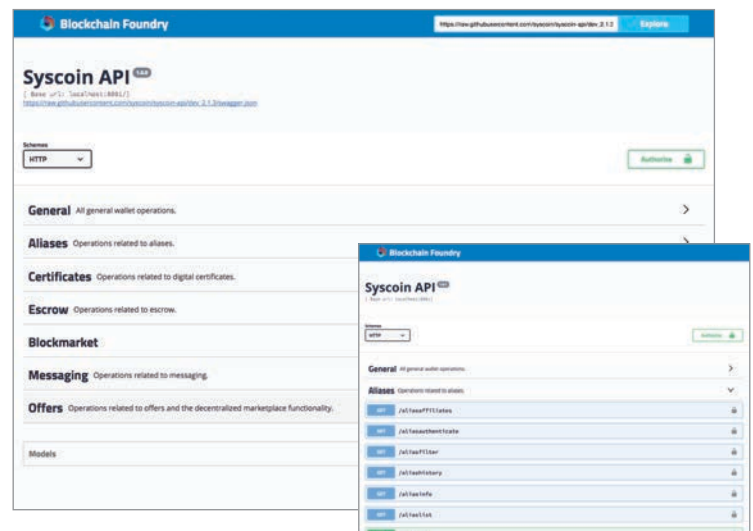
AVAILABLE ON THE MICROSOFT AZURE MARKETPLACE:

Syscoin API
Syscoin's API enables developers to build, test and deploy decentralized business services and applications on Syscoin's blockchain. Access Syscoin's suite of decentralized, blockchain-based business services through a secure and easy-to-use HTTP server with a REST-like interface and complete, interactive documentation. All of Syscoin's services are available through the API.

Syscoin Full Node
The Syscoin Full Node is a platform targeted at developers looking to interact with Syscoin via the command-line or through the internal JSON-RPC server. Once deployed this provides easy access to Syscoin's suite of decentralized blockchain based business tools. All Syscoin services are secured by the Syscoin blockchain. Syscoin's Full Node is offered within the Microsoft Azure platform where it can be deployed using Ubuntu in the cloud. It can be managed remotely via an easy to use JSON-RPC interface, direct command-line, or other tools provided by Blockchain Foundry, Inc.

Decentralized Marketplaces – Sell anything directly on the Syscoin marketplace or build a site for your business that will use Syscoin's infrastructure to conclude its transactions. The marketplace platform provides a decentralized and highly redundant channel for selling goods and services.

Distributed Certificate Management – Using the cryptography of the blockchain; Issue, authorize, and exchange digital certificates of any kind. With Syscoin anyone can issue provably-unique certificates to one or multiple parties on the Syscoin blockchain. This allows for the creation and free exchange of any kind of digital asset such as ownership certificates, warranties, receipts, tickets, certifications, diplomas, software licenses and more.

Unique Aliases / Portable Identities – Gone are the days of typing in a complex wallet address to send or receive money. Wallet addresses for cryptocurrencies generally consist of a unique string of between 27-34 alphanumeric characters like "SnxMDyhfAeb7tNRTwZYbfhMJYweEiDgPK6". Aliases simplify the process by allowing you to use an easily remembered address, like "joesaddress". These can be used to send SYS from home, to a mobile wallet, to work, to friends, to common suppliers or to repeat customers quickly and easily. Optional passwords attached to aliases provide for portability and restoration options not possible on other blockchain services, like retrieving your coins or your data on any web-enabled device without digging for backups. Aliases also support MultiSignature services and include a private field, allowing you to store a small amount of private data on the blockchain.

Encrypted Messaging – Send and receive encrypted messages in a simple and secure inbox and outbox service to communicate with others on the Syscoin network using Aliases or SYS addresses. Encrypted messaging is as secure as the blockchain and quantum resistant.

Blockchain Pruning – Provides improved scalability to the core syscoin blockchain by efficiently pruning expired service data to minimize blockchain bloat for full nodes.

Marketplace Moderation – Three tiers of moderation allow for a more public-friendly marketplace. Offers can be open and public or voluntarily placed behind the SafeSearch wall. In extreme cases, the Syscoin Team can hide items from appearing on a Syscoin interface, but they will remain on the blockchain.

Multiple payment & privacy options – Offers can now be paid for in any currency supported by the marketplace and supported by the merchants. Rather than one specific currency, payments can be now be made using all three supported blockchains: Syscoin, Bitcoin or Zcash which natively includes enhanced privacy.

Multi-signature support across all services – Aliases, Certificates and Offers, now support multi-signature transactions, enabling a whole new class of use cases for Syscoin services.

Bitcoin Core Updates – The importance of keeping up-to-date with the latest bitcoin technology is essential for Syscoin to thrive; thus, we have a system in place to quickly keep up-to-date with the latest Bitcoin core advancements such as Segregated Witness and Lightning Network Support.

Arbitrated Escrow – Give your buyers the confidence to know that their funds are secure with Syscoin's arbitrated escrow service. Buyers can specify a mutually agreed upon third-party to secure the funds while the goods/services are in transit. Arbitrated Escrow is available on offers purchased with Syscoin, Bitcoin or ZCash. Arbitrators do not have access to coins, they can only approve transactions or return funds.

Fixed Fees – Transactions fees will be fixed at 1.5 Satoshi's per byte, allowing users to make around 100,000 regular transactions for the low-cost of only one Syscoin.

Shipping Notification System – Optionally allows merchants to notify customers that an item has been shipped.

Feedback and Rating System – A 5-star feedback and rating system is provided for Merchants, Customers and Arbitrators, ensuring an accurate representation of reputation history for all parties.

Categories – Search within a specific category rather than searching all categories. Use a standardized set of categories across the marketplace, or create your own.

Offer Geolocation – Optionally add geolocation to offers. This option is meant to be used to search for offers locally, or within your country on our upcoming mobile interface.

A brief history:

The idea of a marketplace on the blockchain was first concieved by Satoshi Nakamoto himself.
Satoshi Nakamoto's original reference client had a decentralized marketplace service which was later taken out due to a lack of development resources. We continued with Nakamoto's vision by creating a set of commercial-grade services supporting a wide variety of business use-cases, including a fully-developed blockchain-based decentralized marketplace, secure data storage and transfer, and unique user aliases that link the owner to all services controlled by that alias.

Development of Syscoin began in 2013.

Syscoin 1.0 was the world's first decentralized marketplace, publicly released August 2014.

Syscoin 1.0 was a merge-mined scrypt algorithm altcoin based on Litecoin.

Total Coins mineable: 2 billion.

The original whitepaper included a Decentralized Marketplace, Smart Contracts and Documents, Decentralized Certificate Issuance and Transfer and Decentralized Data Storage and Retrieval. Some of these services were available upon launch and accessible through a command-line interface.

Announced on April 16, 2014 at 12:15pm PST on Bitcointalk. Presale began on July 19, 2014 at 0.00000465 BTC/SYS with Moolah.io as escrow agent. ICO price was .00000518 BTC/SYS.

Full launch was announced for August 16, 2014. The ICO raised 1500 BTC of which 250 BTC was used for "buy support". 250BTC were paid to the team and Moolah (Ryan Kennedy aka Alex Green) absconded with the remainder of the funds in a complex confidence scheme that shook the Dogecoin Community and destroyed Mintpal.

Development Team: Sebastian Schepis, Dan Wasyluk, Michael Wheeler, Jonathan Heald, Soeren Pederson, Sebastien DiMichele

Syscoin 2.0 added a graphical interface and additional features to the Syscoin decentralized marketplace.

Additional features include price-pegging, arbitrated escrow, encrypted messaging and Bitcoin as a payment option.

Syscoin 2.0 switched algorithms to SHA-256 and became merge-mineable with Bitcoin. Total Coins mineable: 900 million.
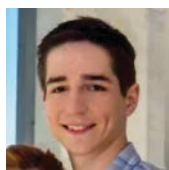
Launched May 1, 2016 at 12:15pm PST
Development Team: Jag Sidhu, Dan Wasyluk, Sebastien DiMichele, Brad Hammerstron, Sebastien Schepis

Blockmarket Desktop was announced soon after Consensus 2017 in New York

Development Team: Jag Sidhu, Dan Wasyluk, Sebastien DiMichele, Brad Hammerstron, Chris Marsh, Willy Ko

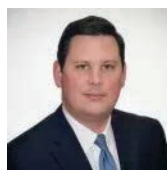**Whitepaper available at: whitepaper.syscoin.org**

Who we are

Dan Wasyluk
Chief Executive Officer

Jag Sidhu
Chief Technology Officer

Chris Marsh
Chief Financial Officer

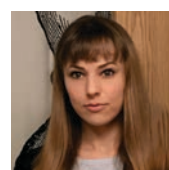**Sebastian Schepis**
Chief Information Officer

Sebastien DiMichele
Director of Public Relations

Brad Hammerstron
Chief Marketing Officer

Willy Ko
Asia Pacific Operations

Janette Baker
Marketing & Design

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