

Dolos

D. A. T. A.

Dolos Automated Trading Application

White Paper – 18 January 2018



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Dolos Introduction

The word “**dolos**”, is derived from Dutch, from the word **Dollen** and **Os**. **Os** is **Ox**, and **Oxen** are a form of currency and wealth even to this day. The Zulu traditional healers (*inyanga*) referred to the throwing of ox bones (*indawule*) using the tail bones to communicate with ancestral spirits.

During the second half of the twentieth century the word “**dolos**” was taken and used to describe a concrete structure as the structure resembled one of the Ox tail bones. The **dolos** concrete blocks are used in substantial numbers to protect harbor walls from the erosive force of ocean waves.

Our **Dolos** is a decentralized, automated trading application for currencies (specifically cryptocurrencies). The **Dolos** is synonymous to our vision of establishing a cryptocurrency trading community, to protect our currencies, and to gain from the volatile ebbs and flows of the markets.

The main goal of the **Dolos** is to provide a platform from which to trade various financial markets using a very unique set of proprietary algorithms, and to automate the process so that anyone (professional or inexperienced trader) can use the system.

Anchor Series, the **369 Sequence**, **Lagoon** and **#Tick** type charts are some of the methods that will be implemented. The components of these methods are not open source, to protect the value of the **Dolos** smart tokens, the exclusivity of the application, and the input from the community.



In the trading world there are three major challenges...

1. Industrial size miners of the blockchain have taken over from the early gold rushers, and the only way for people to increase their coinage now is through purchase or trading.
2. Trading 24 hours / 7 days a week is exhausting, and automation is required: software development is expensive and out of reach for most (potential) traders worldwide.
3. Trading knowledge is a difficult and steep learning curve.

What if...

- What if there is an expert trading application designed specifically to trade on the financial markets, regardless of trading experience.
- What if there is a smart token, with its underlying value, gives access to a fully automated trading system.
- What if you can buy and sell this token on a crypto exchange.
- What if you have an exclusive community of like-minded members whose input helps to increase the profitability of the built-in methods, and thus increase the value of the application.

This is our vision.



Cryptocurrencies

Challenges

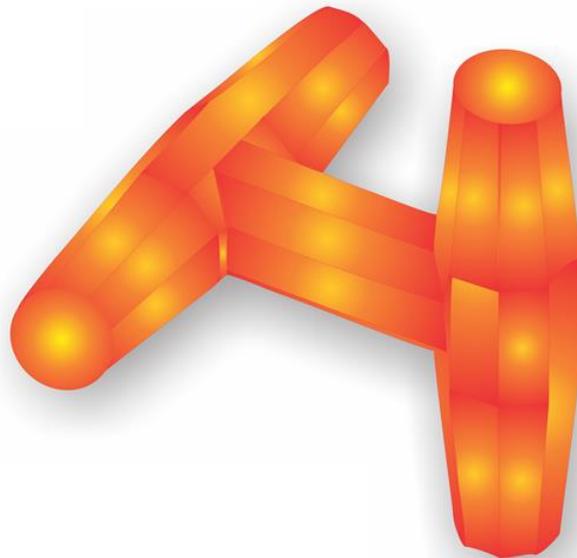
1. The prices fluctuate wildly and sometimes the value can drop as much as 20% over a weekend.
2. The cryptocurrencies trade 24 hours, 7 days a week and 365 days of the year.
3. Mining is becoming more expensive and energy inefficient.
4. Trading is elevated risk for novice cryptocurrency owners.

Solution

1. Use algorithms and trading methods.
2. Automate the trading.
3. Involve the community to develop a specialized application.

Product

The **Dolos**





Dolos Smart Tokens

The Dolos smart token is directly in control of the digital license for the fully automated trading application that will trade your Bitcoins, Ethers and other markets for you.

The Dolos smart token unlocks the functionality of the application, and confirms the allowable tradeable quantity to trade. Once access and quantity are confirmed, then the token holder selects any trading strategy and then trade that strategy on approved cryptocurrency exchanges via his/her own account.

* The Dolos community is an additional block of strength from where trading methods and ideas can be shared, that will benefit all Dolos owners, and this will further increase the value of the Dolos.

The goals of this project are

1. To give the Dolos community an effective automated trading application.
 2. To change our current source code to be compatible with the API's of the crypto exchanges.
 3. To give access to and control trading for multiple users.
- Dolos already coded an automated trading application that works on the platform of Interactive Brokers for bespoke clients. The syntax of the automation and trading methods are all done and thoroughly tested. The crowdsale will assist us to make this a decentralized application to manage multiple users and markets, new and traditional exchanges.
 - Ready for worldwide users by the latest in the 3rd quarter of 2018.



Dolos Commitment

- The Community can add its own expertise to increase the profitability and the value of the application.
- Our application has a basket of proprietary trading methods.
- Empowering its owners to have full control over their digital money.
- Allow access to Interactive Brokers clientele for trading on regulated exchanges and all asset classes.
- The Dolos can be bought or sold on the crypto exchanges.
- Only Dolos license owners are granted access to the application's functionality and the community forums.
- The Dolos is priced at a low cost to give participants the opportunity to benefit from an increase in value. Initial owners will quickly realize that the Dolos is unlike any other trading application in the world and this will become an exclusive community.
- Trade crypto currencies or regulated futures, bonds, equities, forex and commodities. CME and CBOE are gearing up to launch derivatives on cryptocurrencies and our methods are designed specifically specially to handle the volatility of any market or asset class, especially cryptocurrencies.
- Licensed Owners must pay:

No Management, No Performance and No Monthly fees.



Dolos Functionality

1. Buy Dolos on Cryptocurrency Exchange

- Download the Dolos application from the cloud server or website. Register or connect the Dolos smart token to the Dolos application:

* Dolos smart token quantity = maximum tradeable quantity.

2. Select Trading Route

- Select exchange: Bitfinex, Bitstamp, Kraken, GDAX, Gemini, Poloniex or Interactive Brokers. The Dolos functionality is made to work on all asset classes: Bonds, Forex, Equities, Futures, Commodities, CFD's and Cryptocurrencies.

3. Select Market and Trading Size

- Example: 1 Bitcoin (or any tradeable decimal size), or 1 EUR futures

4. Select Trading Strategy/s

- Data use: 1. Last Trade Price 2. Bid/Offer Spread
- Directional: 1. Long Short 2. Long Square 3. Short Square
- Chart type: 1. **Lagoon** 2. **#Tick** 3. LineBreak 4. Renko 5. Candlestick 6. Line
- * Select any time interval for old chart types for instance 18 minutes
- Technical indicators: 1. MACD 2. Moving Averages 3. Channel Breakout 4. Super Trend 5. Hull average 6. Golden Crosses 7. Parabolic 8. RSI strategy 9. Triple EMA.

* Create multiple strategies with any combination of indicators and chart types.

- Dolos methods: 1 - 10. **Anchor Series** (10 Anchors to choose from) 11. **369 Sequence**
- Instructions: 1. Profit level 2. Stop-loss 3. Trailing orders
- Alerts: 1. SmartPhone 2. sms 3. Email
- **Arbitrage** calculator



5. **Select Automation Hours:** 1. 24/7 – 365 2. 08H00 – 18H00

Throwing the **Dolos** into the crowd

Our goal is to raise a maximum of **25,000 Ethers** in exchange for Dolos smart tokens. The startup buyers of the Dolos will get their tokens at the discount price of **\$50 USD converted to Ether** at the current market rate per **1 Dolos**.

At the end of the startup period the Dolos will have a minimum floor price of **0.075 Ethers**. Dolos tokens will never be allowed to be sold for less than **0.075 Ethers** on the blockchain, it can however trade for much more than **0.075 Ethers**.

Strategies or improvements suggested by the Dolos community and the developers will be available to every token holder.

1 Dolos allows access to the application. The only restriction is the quantity allowed to trade.

e.g. **1 Dolos** = max tradeable quantity = **1 Bitcoin**

The amount of Dolos you own is equal to the quantity the application will allow you to trade or smaller decimals of your **1 Bitcoin / Ethereum** or another cryptocurrency.

1 Dolos = max quantity = **100 Stocks** or **1 Future** or **20,000 Spot Forex** or **1 Ethereum** or **1 BitcoinCash** or **1 Litecoin**

The more Dolos you own the more strategies you can build, and the more quantity you can trade. Example: Stocks **1000 MSFT, 500 APPL**, Future **1 S&P500, 1 Natural**



Gas, **1** Coffee = **10** Dolosses for MSFT, **5** Dolosses for APPL, **1** Dolos for S&P500, **1** Dolos for Natural Gas and **1** Dolos for Coffee = **18** Dolosses in total.

*** Dolos owners must open and fund their own accounts at approved exchanges!**



Timeline





The Dolos Team

Our startup team is the anchor for our Dolos blocks, and we can be best described as two oceans meeting for a common goal, to create binary waves. Experienced traders and fund managers meet the coders for the creation and support of the Dolos.

Lance and Jaco have been a formidable force in the financial markets since working together on the Johannesburg Stock Exchange open-outcry system back in the early 1990's. The combined knowledge of Lance and Jaco's years of trading expertise and knowledge is now shared with this community to create an exclusive community, open to professional and novice trader alike.

We are completely different from any other automated or technical analysis platform because we use a life time of real trading and fund management knowledge for the development of the Dolos.

- **Lance Valkin** – Trading Consultant. Lance is an equity trader at www.bacci.co.za. He has over 25 years of professional experience trading in Equities, Equity futures, Options. (BA, Economics)
- **Jaco Du Plooy** – System Architect. Jaco is a technical analysis at www.bvg.net. He has over 25 years of professional experience in technical analysis and trading in derivatives, commodities, forex, bonds, and development of proprietary fund management applications. (SAFEX)



- **Corne Du Plooy** – System Developer. Corne is a Senior Systems Administrator, and has managed various teams and projects, over a period of 25 years, in user support; currently high-end server infrastructure. Using his programming skills, he developed computer-based systems to assist with various tasks. Tools like HTML, PHP, Java are used to build Content Management Systems, and Python / VBA to code Excel spreadsheets. (B. Com Honors - IS Management)
- **Stefan Du Plooy** – Webmaster / Social media and Community manager. Stefan has designed and managed over 2000 websites. www.godirect.co.za. With extensive experience in design using programs like Adobe, CorelDraw and Macromedia, he brings a creative understanding to building great User Interfaces.



Dolos Project

Description

Dolos is a smart token issued on the Ethereum blockchain (ERC20 standard) designed to directly control the access and license of the automated trading application for cryptocurrency and regulated financial markets.

- Smart contracts control the access and the minimum value of the application (0.075 Ethers).
- Voting: participants cannot vote on how funds are distributed; the community can vote on what methods to add or what exchanges to prioritize.
- Identities and social ratings: developers and contributors will have public profiles and interact through the Dolos community forum social media and the www.dolos.co website.
- Market place: the Dolos website and cloud server facilitate the distribution and updates of the application to all Dolos smart token holders.
- Funds raised will be used for software development, marketing, and community support.
- Beta version expected in 2nd Quarter of 2018.



Token Details

Role of Token: Access and license rights to application

Dolos Token supply: **1,000,000**

Distributed in startup: **500,000**

Minimum value of token: **0.075 Ethers** per **1** Dolos smart token

Maximum value of token: None

Startup discount value: **\$50 USD converted to Ether** per **1** Dolos smart token

Emission rate: No new coins created

Blockchain: Ethereum

Consensus method: Proof of Stake

Crowdsale Details

Sale period: 1 February 2018 – 31 March 2018

Minimum price: **\$50 USD converted to Ether** per **1** Dolos smart token

Accepted currencies: Bitcoin, Ether, BitcoinCash, Litecoin

Investment round: First public offering

Token distribution date: 1st week after 31 March 2018

Min crowdsale goal: No limit

Max startup cap: **25,000 Ethers**

Viable product: Quarter three 2018



Dolos Calculators

Anchor Series

- The Anchor is a series of trading sequences designed to profit from the volatile price data of the cryptocurrencies.
- The Anchor series is used on its own or in combination of other technical indicators.

369 Sequence

- The 369 Sequence uses a special increment to reset your buy and sell levels.
- This is for the Nicola Tesla fans. This unique sequence works only on the **Lagoon** charts, and on the Dolos application.

Lagoon Charts

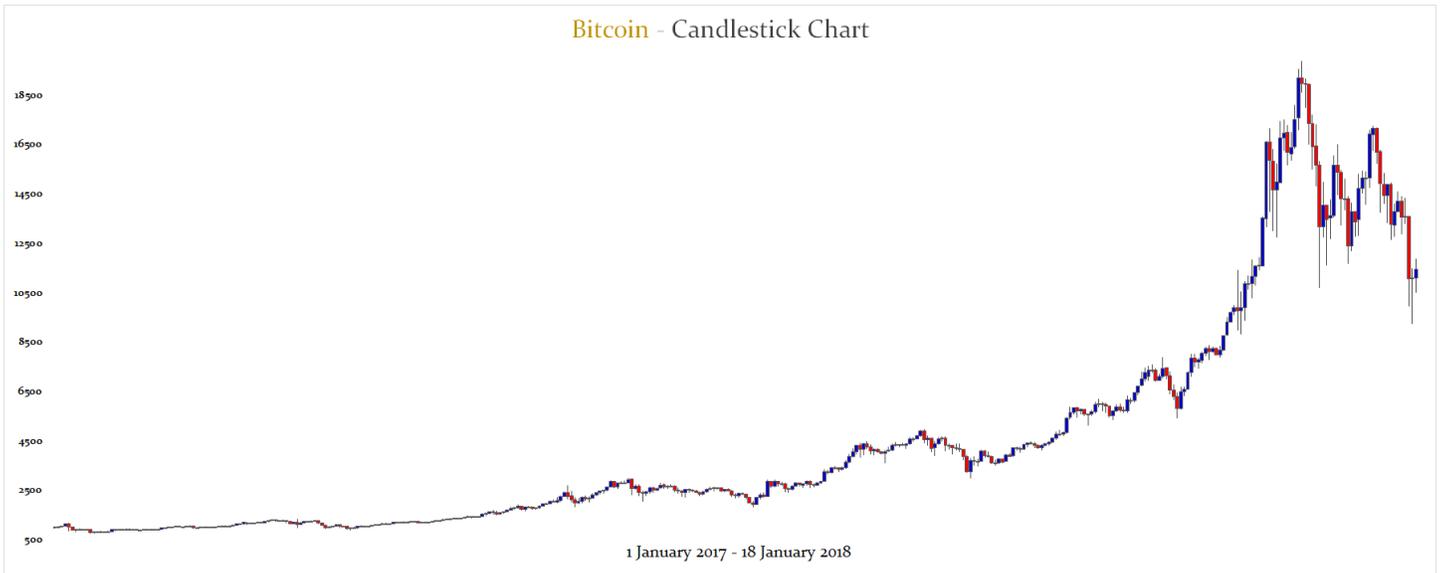
- Lagoon charts are designed especially for the **Anchor** Series and the **369** Sequence.
- The market data is “sterilized” to create a timeless “island” of price movements revealing the true trend of the market.
- Adding any technical indicator/s, including all types of moving averages to the **Lagoon** chart and **#Tick** charts, reveals a completely new world of analysis and trading signals that are making profits!

#Tick Charts

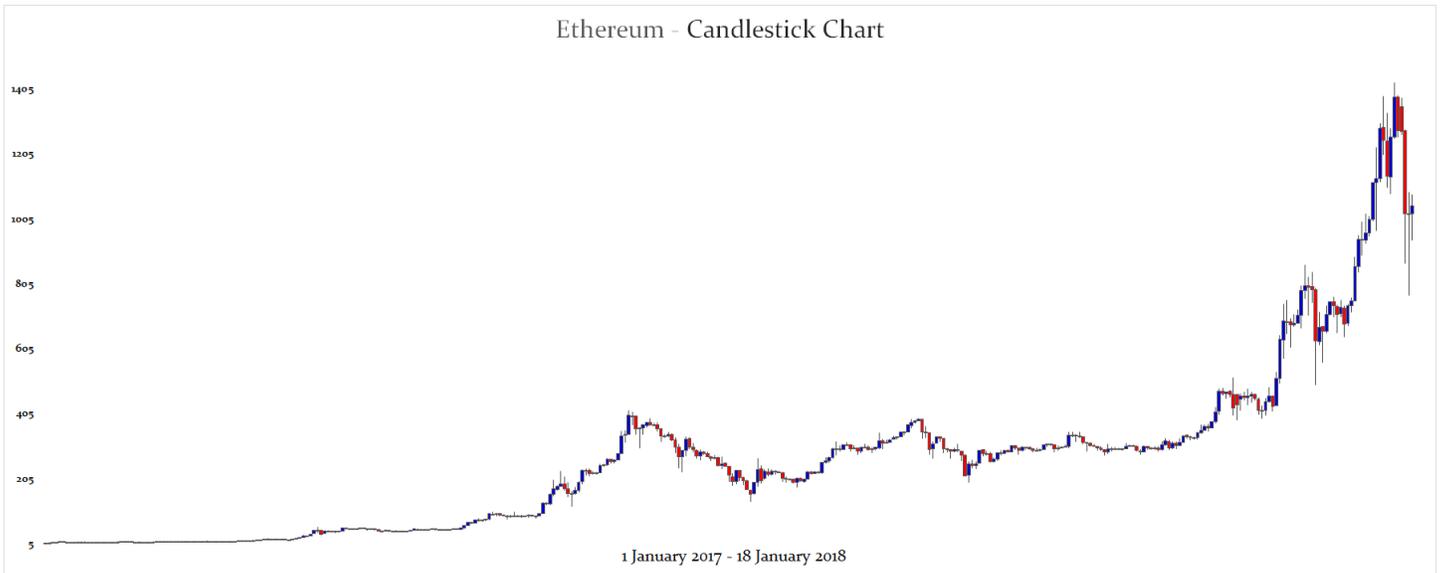
- Candlestick charts are built according to the amount of ticks selected.
- The data is “sterilized” the same as Lagoon charts, which reveals the true trend of the market.



Normal Candlestick chart¹ – Bitcoin



Normal Candlestick chart² – Ethereum

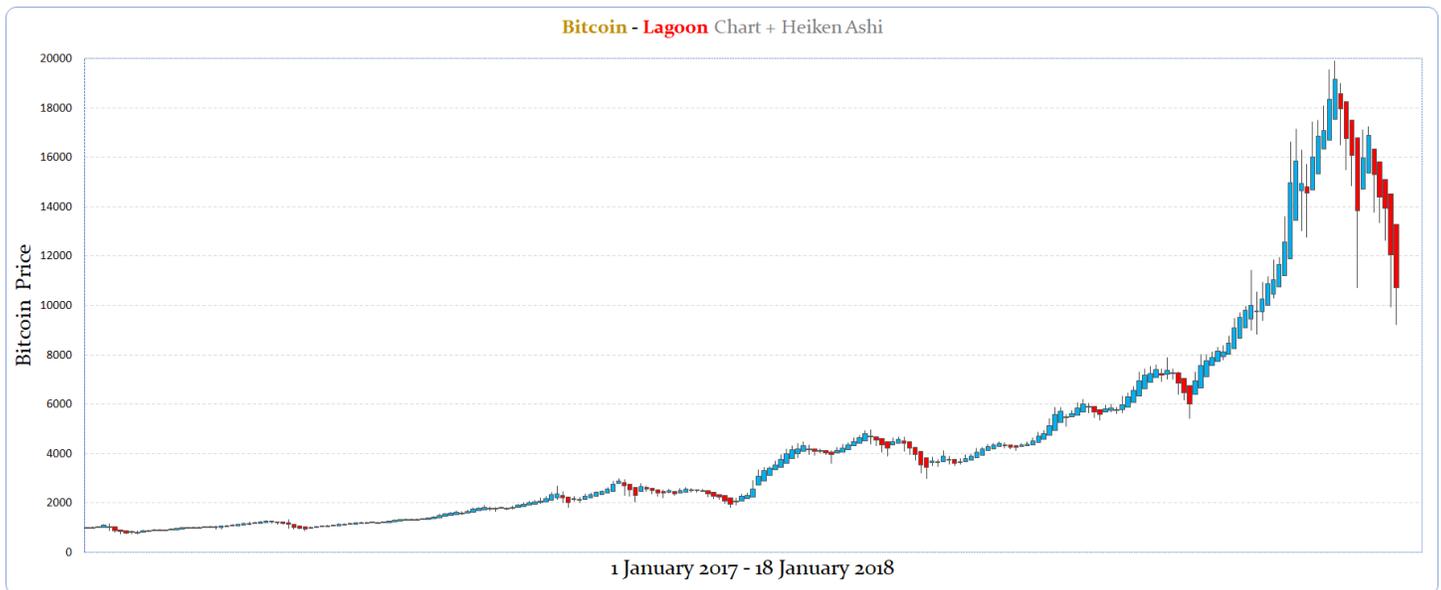




Lagoon Charts

- The data is the same as the normal candlestick charts on the previous, however, the lagoon charts look completely different!
- The data from the **Lagoon** chart is displayed with the Heiken Ashi calculation in the samples, to highlight the extreme difference between traditional chart types and the **Lagoon** charts.

Lagoon chart¹ – Bitcoin



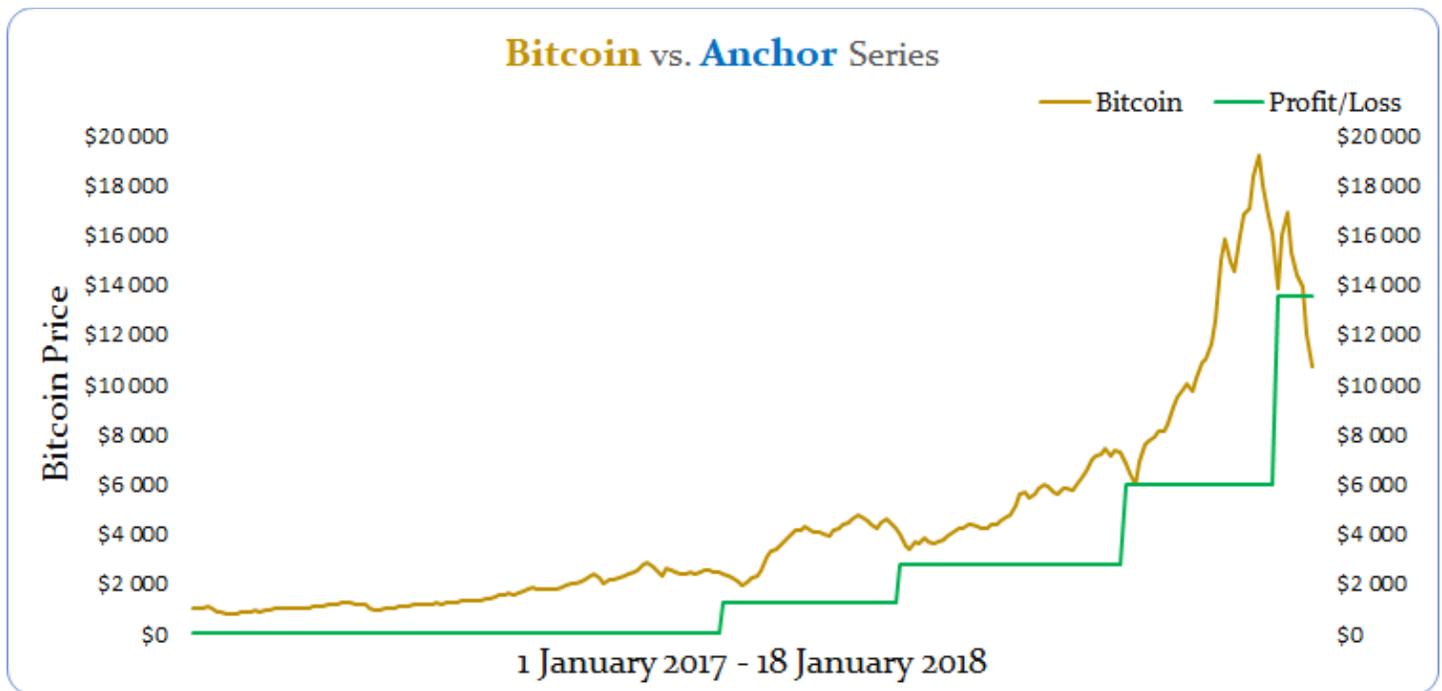


Lagoon chart² – Ethereum

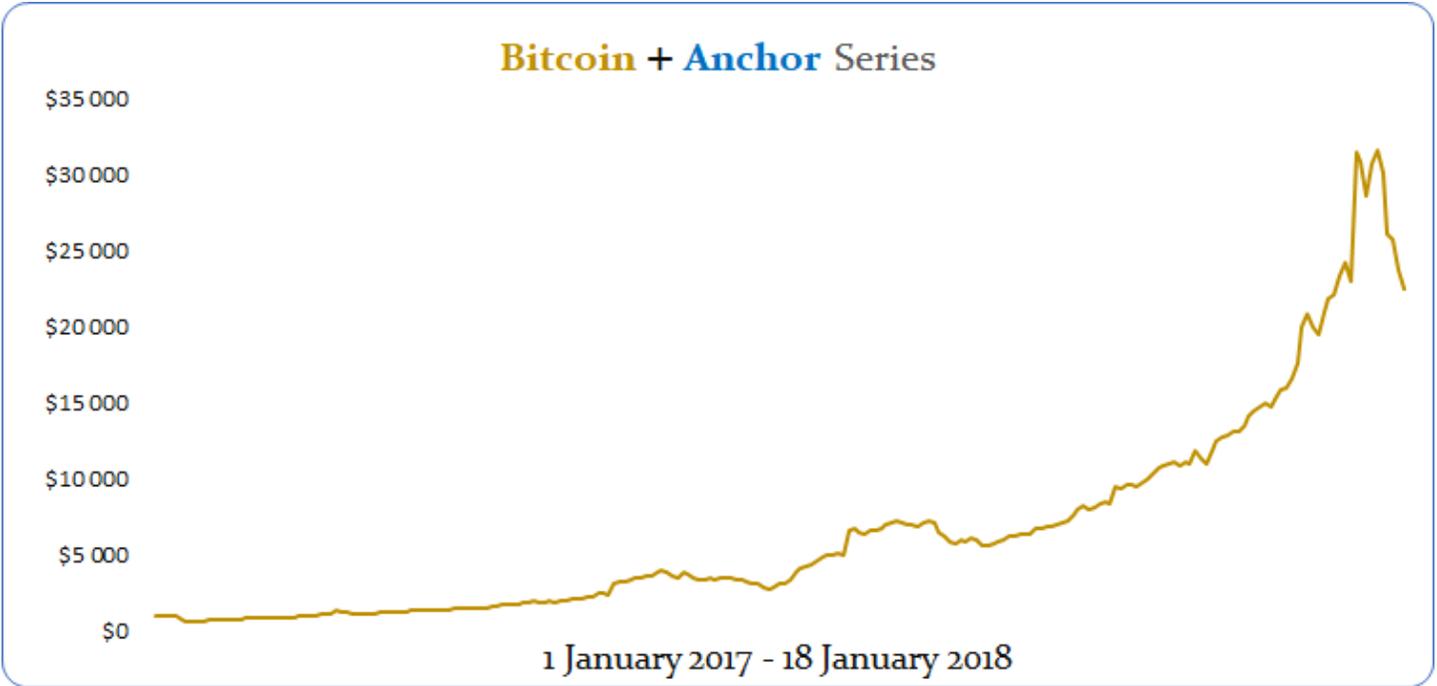


Strategy – Bitcoin Daily

Chart¹ – Anchor Directional Long Square

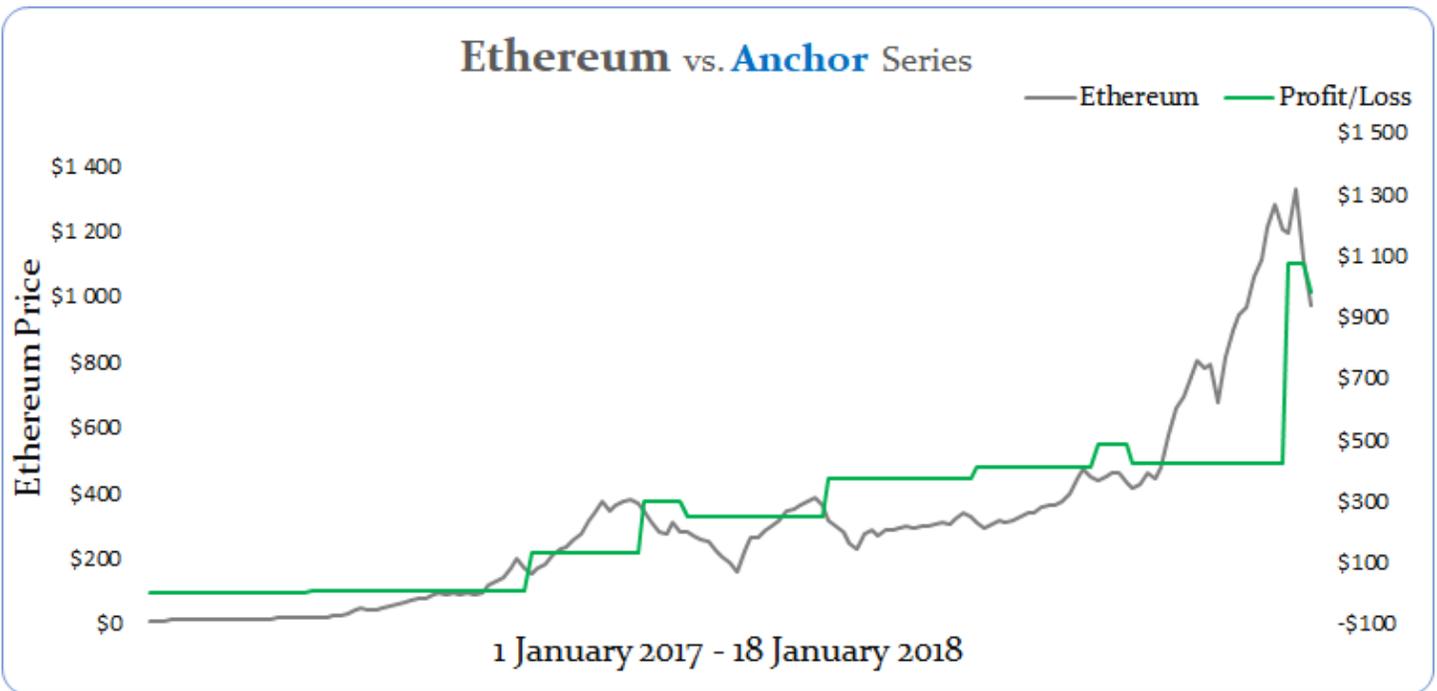


Chart² – Bitcoin value plus the profit and loss of the Anchor Series



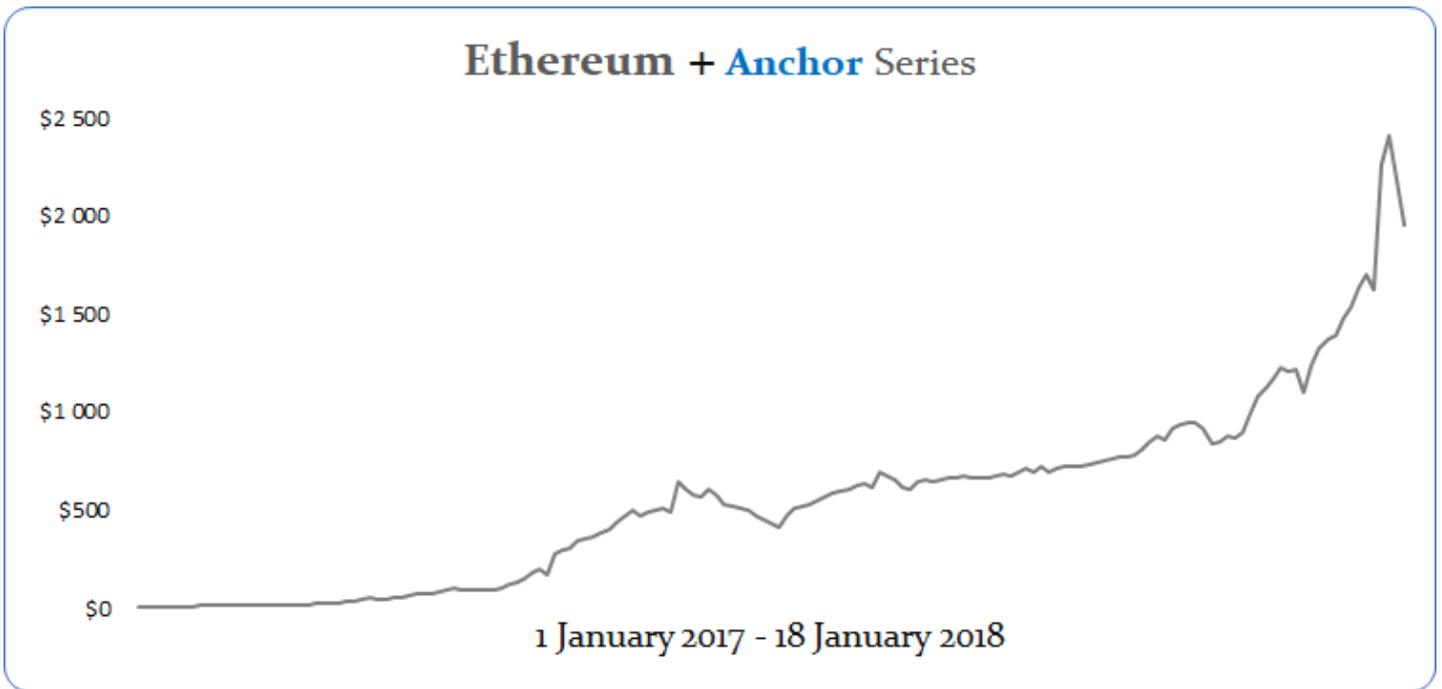
Strategy – Ethereum Daily

Chart¹ – Anchor Directional Long Square



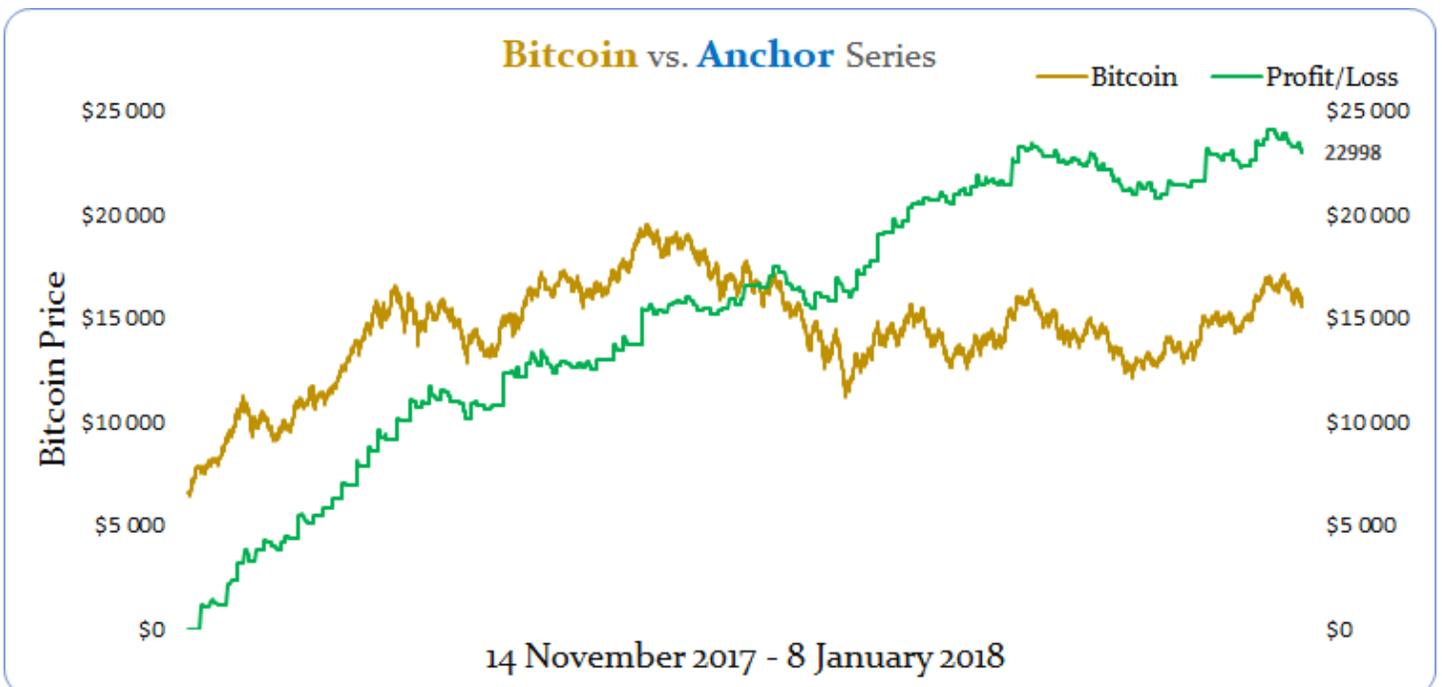


Chart² – Ethereum value plus the profit of the Anchor Series



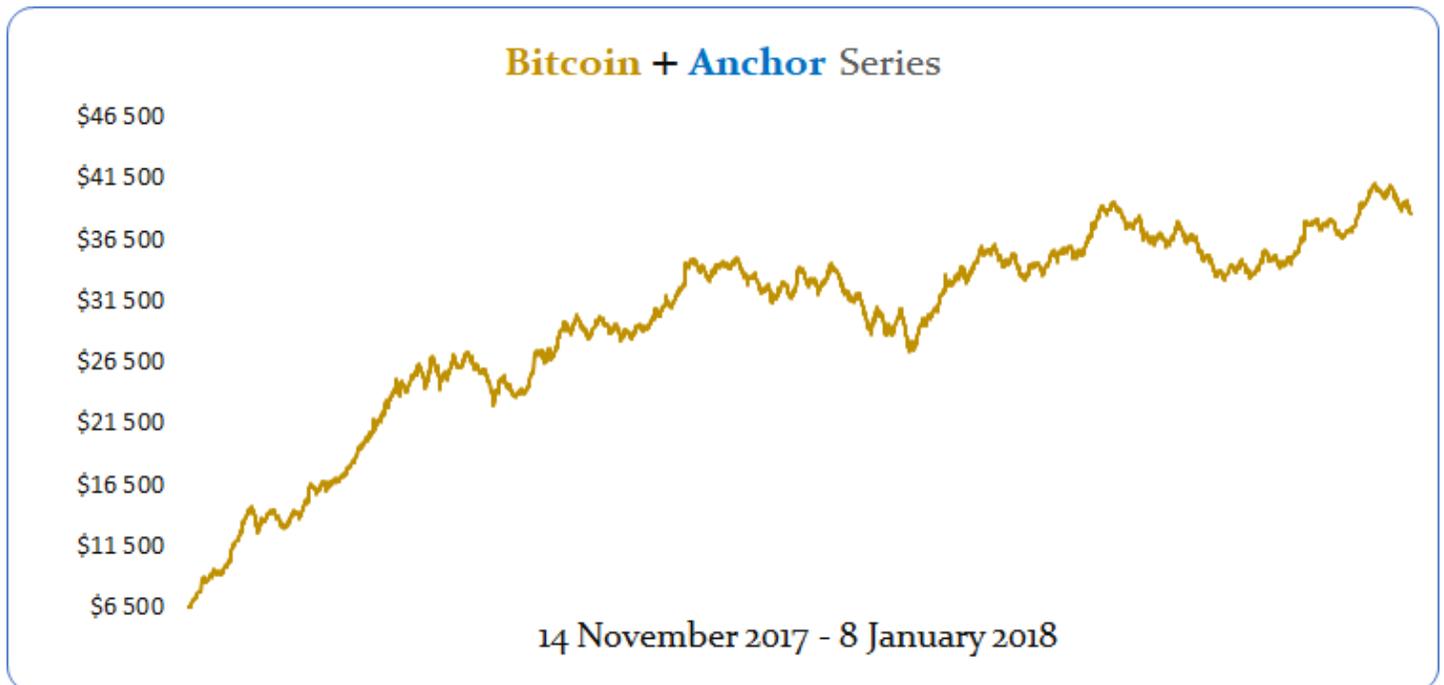
Strategy – Bitcoin Intra-Day (144)

Chart¹ – Anchor Directional Long Square





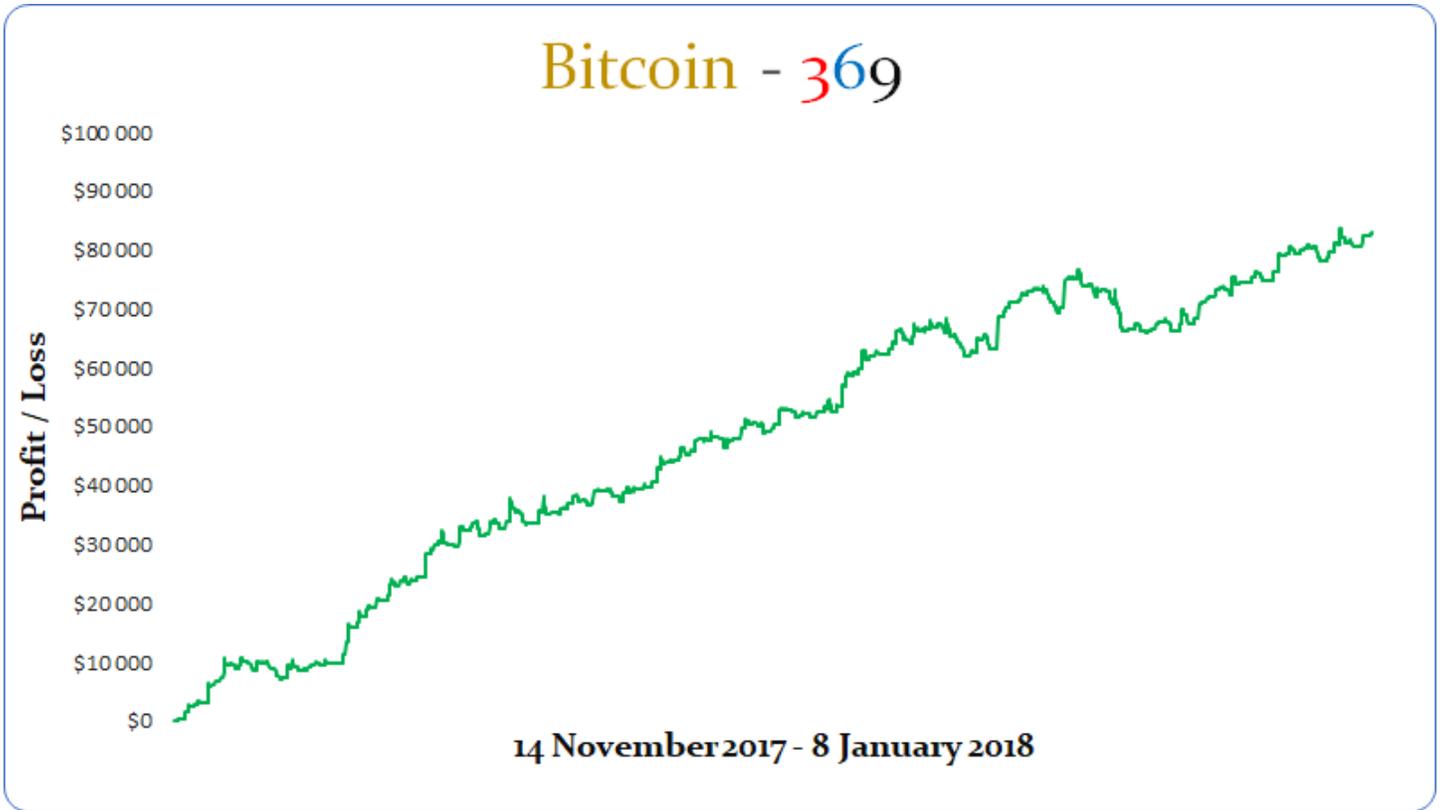
Chart² – Bitcoin value plus the profit of the Anchor Series



Strategy – Bitcoin Intra-Day (144)

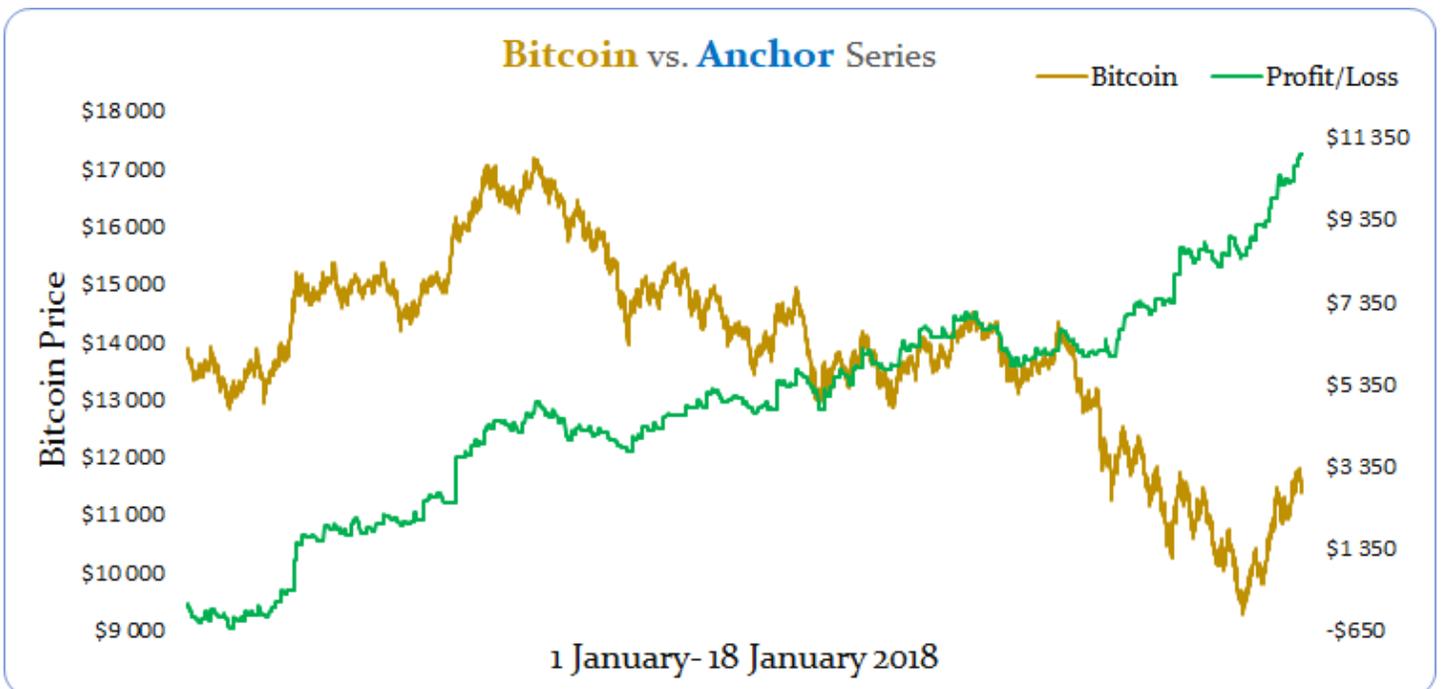
Chart¹ – 369 Directional Long Short Square

- The 369 is the most powerful tool in the Dolos application and needs a minimum of 4 Dolos tokens to function properly, and in increments of 4 thereafter.
- A total of over 75,000 data entries converts to only 3,200 entries using the Lagoon chart type. The “lost” data has no impact on the buy and sell signals or other technical analysis methods! The “lost” data is discarded as wasted energy, which mostly contributes to losses and excess trading. This is where the Lagoon chart type has a major advantage over traditional trading/analysis and other automated programs.



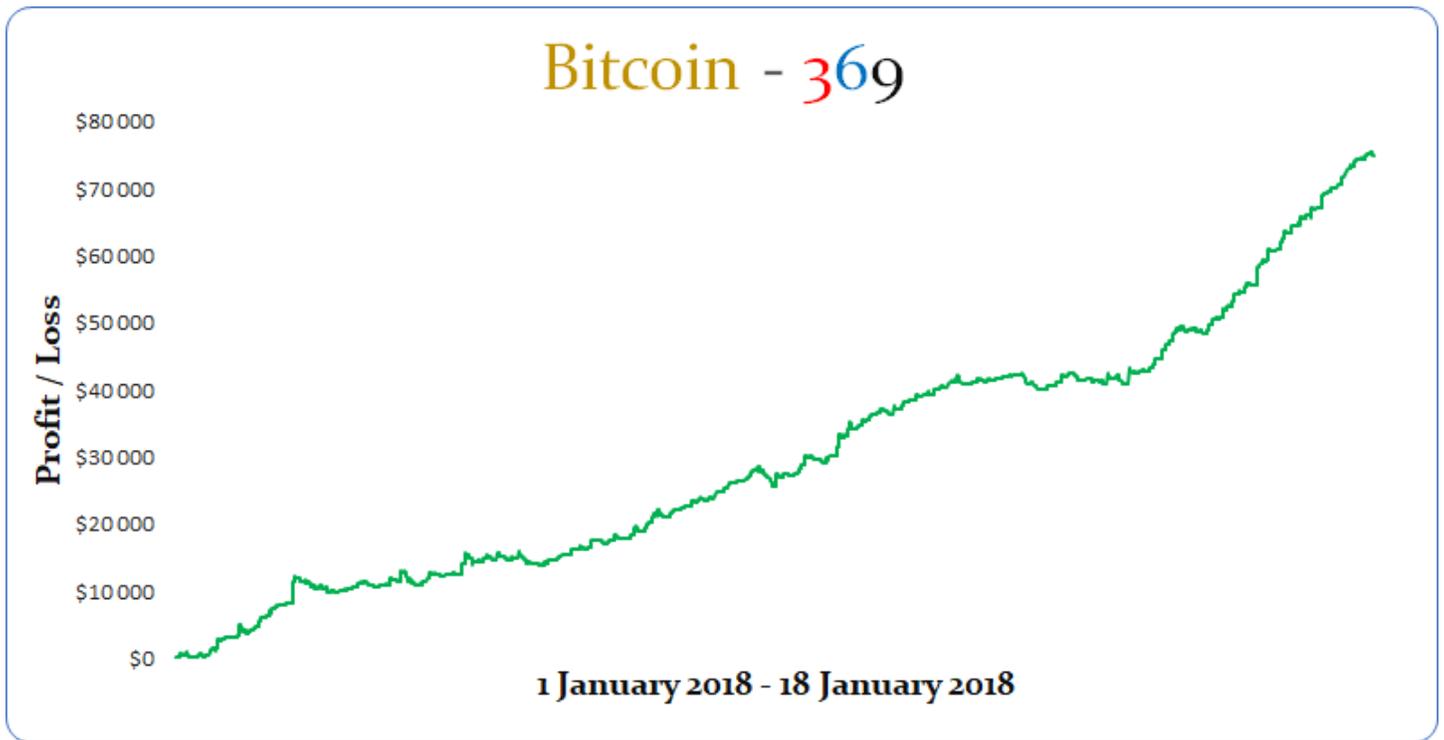
Strategy – Bitcoin Intra-Day (45)

Chart¹ – Anchor Directional Long Short Square





Chart² - 369 Directional Long Short Square





Strategy – Bitcoin Arbitrage

Arbitrage is the simultaneous buy and sell of a cryptocurrency or other asset classes to profit from a difference in the price, because of currency fluctuations or market restrictions and excess demand.

- Automatically scan and trade price differentials between two different exchanges, and price differentials between crypto and fiat currencies, when they reach your required executable profitable rate.
- The placement of the orders and the management of the transactions between the exchanges are controlled by the function of **MyOrders** and the Dolos eWallet.
- The **Arbitrage** calculator allows you to select the exchanges you want to scan in real time as well as the quantity you want to trade.
- Dolos eWallet implement the API of ShapeShift and/or MyEtherWallet. The purpose of the Dolos eWallet is to transfer the arbitrage coins from one exchange to the next exchange.

		EURUSD						USDZAR						XRPEUR					
		Exchange	Bid/Ask	Exchange	Bid/Ask	\$ Arb	% Arb	Exchange	Bid/Ask	Exchange	Bid/Ask	\$ Arb	% Arb	Exchange	Bid/Ask	Exchange	Bid/Ask	\$ Arb	% Arb
Bitcoin Ethereum Ripple Bitcoin Cash	BTC	Bitstamp	Bid: \$ 14540 Ask: \$ 14570	TrustDEX	Bid: \$ 16005 Ask: \$ 16030	\$1 435	8.97%	Bitstamp	Bid: \$ 14540 Ask: \$ 14570	Luno	Bid: R206640 Ask: R208405	\$2 380	14.87%	Bitstamp	Bid: \$ 14540 Ask: \$ 14570	Luno	Bid: R 18277 Ask: R 18425	\$126	8.48%
	ETH	GDAX	Bid: \$ 1350 Ask: \$ 1360	Cexio	Bid: \$1486 Ask: \$ 1498	\$126	8.48%	GDAX	Bid: \$ 1350 Ask: \$ 1360	Luno	Bid: R 18277 Ask: R 18425	\$126	8.48%	GDAX	Bid: \$ 1350 Ask: \$ 1360	Luno	Bid: R 18277 Ask: R 18425	\$126	8.48%
	XRP	Poloniex	Bid: \$ 1.74 Ask: \$ 1.80	Exmo	Bid: \$ 2.03 Ask: \$ 2.08	\$0.23	11.33%	Poloniex	Bid: \$ 1.74 Ask: \$ 1.80	Exmo	Bid: € 1.43 Ask: € 1.44	\$0.10	5.62%	Poloniex	Bid: \$ 1.74 Ask: \$ 1.80	Exmo	Bid: € 1.43 Ask: € 1.44	\$0.10	5.62%
	BCH	Kraken	Bid: \$ 2432.6 Ask: \$ 2444	Cexio	Bid: \$ 2679 Ask: \$ 2688	\$235.00	8.77%	Kraken	Bid: \$ 2432.6 Ask: \$ 2444	Cexio	Bid: \$ 2679 Ask: \$ 2688	\$235.00	8.77%	Kraken	Bid: \$ 2432.6 Ask: \$ 2444	Cexio	Bid: \$ 2679 Ask: \$ 2688	\$235.00	8.77%

- Dolos eWallet can also hold your Dolos tokens.



Dolos eWallet

After obtaining your Dolos tokens, you must store them in a digital wallet that accepts ERC20 tokens, for instance, MyEtherWallet, Metamask, Parity, Mist or Ledge, and the Dolos eWallet.

- Your private key and your public key (address), happens entirely on your computer. We never transmit, receive or store your private key, password, or other account information.
- If you send your public key (address) to someone, they can send you ETH or other tokens. 🖱
- If you send your private key to someone, they now have full control of your account. 🖱
- Be diligent to keep your private key and password safe.
- If you lose your private key or password, no one can recover it.
- If you enter your private key on a phishing website, you will have all your tokens taken.
- Make a paper wallet backup and keep in a safe place.
- Keep your private key secret.



Dolos Advantage

- The excess data points are discarded and not needed for the **Lagoon** charts and the trading strategies, saving on the amount of trading cost and slippage.
- The strategies are *expected* to make more bitcoins than the miners, and a full bitcoin every 6 to 8 weeks!
- Trading crypto currencies has the added advantage that you also get the increase of the value of the coin, and the market never stops trading.
- Dolos license owners can follow the trading results on our forum and website to discuss the assorted topics and strategies of our application. Facebook will be available to the public to share general information.
- The Dolos will establish a new way of trading with our chart types and create more efficient and accurate methods to utilize market data.



Dolos Trading

How Dolos tokens will increase in value, is key to our development.

- The value of our tokens will increase when the license owners want to increase their trading quantities and expand their investment portfolios to other asset classes.
- There is only a limited supply of tokens available and no more will be issued in the future.
- Dolos tokens will trade on crypto exchanges just like any other currency, however, sending tokens below 0.075ETH will not be send.
- Dolos tokens give its owner direct rights to use the functionality of the application and all profits and or losses generated by the owners trading will remain with the owner own personal trading account.



The Dolos Journey

There may be various other “similar” automation systems in the market but the algorithms and the chart types of this application have been developed and honed to a fine edge over 25 years of actively working in the market. With over 50 years of combined trading experience and combining three different skillsets (trading, programming, and graphical designing), a down-to-earth, simple but highly efficient system has seen the light.

Only a limited and exclusive community will have the privilege to trade with the power of the Dolos. Will you be one of them?