



TREASURY MANAGEMENT

FOR DIGITAL ASSET PROTECTION

The investment capital you raise during a token sale is the lifeblood of your project and the volatility in the price of cryptocurrency is a risk factor to the business. Risk managing this capital puts the protection in place to make sure you have the capital needed to execute your plans.



BENEFITS

- **Capital appreciation with managed risk.** By risk managing project capital you retain exposure to cryptocurrency's upside potential while limiting exposure to loss.
- **Investor feature.** The market for investor capital is getting more competitive all the time. Investors will appreciate taking a fiscally responsible stance that demonstrates your care of the capital they have entrusted to your project.
- **Competitive advantage.** Risk managing project capital puts your project at an advantage over projects that do not show this kind of initiative and foresight. While competitors may struggle during bear markets you will still be able to maintain forward momentum.
- **Resource efficiency.** Maintain focus where it belongs, on bringing your project to completion. You will be confident that your treasury management is being handled with professionalism and competence.

Why risk management is so important: The power of geometric returns

The implications of risk management versus buy and hold becomes apparent if you look at what has become a recurring theme in the crypto markets.

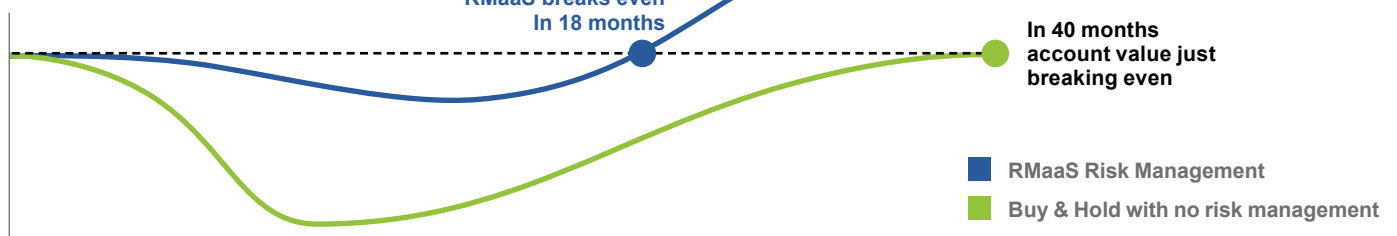
BITCOIN 2017-2020

If you bought \$1,000 worth of bitcoin close to the end of 2017 and adopted a buy and hold strategy, over the next 12 months the market dipped by 80%. This took the value of your \$1,000 investment down to \$200 by the end of the year. This behaviour is a repetition of what bitcoin had done three other times over the previous seven years. Then it took more than 3 years for the market to climb the 500% necessary for your investment to break even and be worth \$1,000 again.

In the same time frame if you used RMaaS to risk manage your \$1,000 bitcoin account, when the market came off 80%, the models would have protected the value of the investment by moving value into cash when it detected volatility in the market. The result is that a high proportion of the account value is protected from the fall in price, stored in USD. When equilibrium returned to the market, the RMaaS models bought back into bitcoin at a much lower price. The net result is that the account returns to profit in half the time of the buy and hold account. In 3 years the account is holding approximately double the bitcoin of the buy and hold account.

Geometric Returns makes a big difference to portfolio value

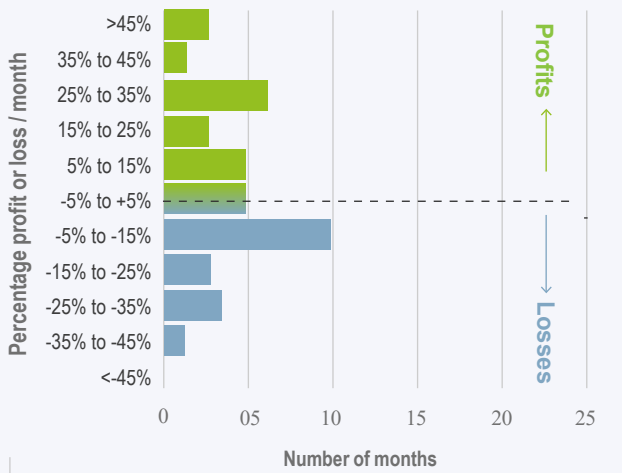
Bitcoin December 2017 - December 2020



Pnl Distribution Comparison

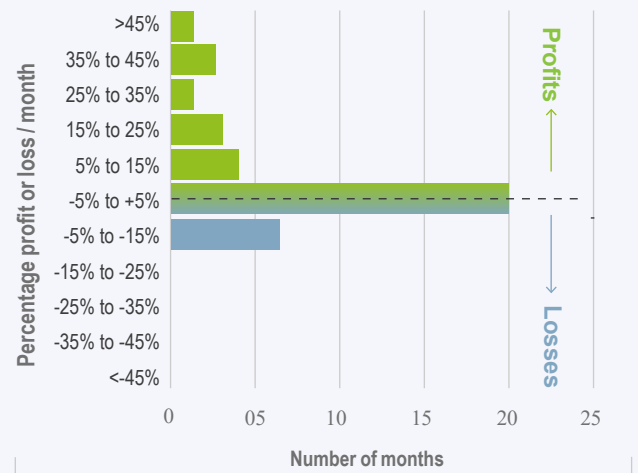
Buy & Hold vs Buy & Hold + RMaaS of a hypothetical bitcoin account. 2017 - 2020

Buy & Hold - No Risk Management



Sharpe Ratio: 0.96 | Sortino Ratio: 1.62

Buy & Hold + RMaaS Risk Management



Sharpe Ratio: 1.56 | Sortino Ratio: 6.22

Hypothetical performance results have many inherent limitations, some of which are described below. No representation is being made that any account will or is likely to achieve profits or losses similar to those shown. In fact, there are frequently sharp differences between hypothetical performance results and the actual results subsequently achieved by any particular trading program.

One of the limitations of hypothetical performance results is that they are general prepared with the benefit of hindsight. In addition, hypothetical trading does not involve financial risk, and no hypothetical trading record can completely account for the impact of financial risk in actual trading. For example, the ability to withstand losses or to adhere to a particular trading program in spite of trading losses are material points which can also adversely affect actual trading results. There are numerous other factors related to the markets in general or to the implementation of any specific trading program which cannot be fully accounted for in the preparation of hypothetical performance results and all of which can adversely affect actual trading results.

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