

hinto

**WHITE** PAPER



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Hinto is a next-generation platform for online sports betting tips, which uses techniques such as Big Data and Machine Learning to predict the outcomes of UK football matches with greater accuracy than ever before. Between April 2018 and June 2019, the platform's tips generated an average monthly Return on Investment (ROI) of 12.12%. Access to Hinto betting tips is available through one of three subscription plans: Basic, Premium, and VIP. The Hinto Token is an ERC20 utility token that can be used to purchase the Basic plan at a 50% discount, and provides exclusive access to the Premium and VIP plans.

## Introduction

The online sports betting industry has taken the world by storm in recent years. In the UK alone, there are over 30 million active online betting accounts, with a shared balance of around £780 million (\$977 million). Football is by far the most popular sport for UK bettors, generating £1 billion (\$1.27 billion) in annual revenue for bookmakers.

Importantly, the industry is growing. According to a 2018 report, the complete UK gambling market — including the online sports betting market — is expected to grow at a Compound Annual Growth Rate of 5.16% until 2022. With this, we can expect the UK's annual gross gambling yield to grow to almost £18 billion within the coming year.



UK Gross Gambling Yield (£bn)

## Betting Tips

All bettors share one thing in common: they want to maximise their winnings. This has led to the rise of betting tips — expert predictions on which team is most likely to win a sports match — as well as various books and courses on betting strategy. Betting tips are particularly popular among amateur bettors, since little effort is required to use them.

While individual betting tips can often be found free of charge, access to regular betting tips can cost as much as £850 a month. Generally speaking, both free and paid tips can provide the slight edge needed to turn a profit with sports betting. However, amateur bettors often overlook the fact that successful sports betting is as much about risk management as it is

<sup>1</sup> Compound Annual Growth Rate (CAGR): the rate at which an investment or industry is expected to grow over several years when accounting for compounding.

choosing the most favourable team. As a result, bettors end up risking large amounts of their bankroll on individual bets, without any knowledge of which tips the expert is most confident in, thus resulting in poor overall performance.

## Addiction

Despite almost 95% of bettors losing money with sports betting, many continue to do so. Oftentimes, the reasons for continued betting are innocent; for example, the bettor simply enjoys gambling, and makes sure to do so with insignificant amounts. As such, sports betting remains a controlled habit with little negative effect on the bettor's life.

Unfortunately, the issue of addiction is quickly growing in the online sports betting sector. A gambling addiction can quickly ruin an individual's finances, subsequently detracting from other areas of life such as work and interpersonal relationships. At present, almost 7% of UK bettors are at risk of addiction, and there are few solutions.

## What Is Hinto?

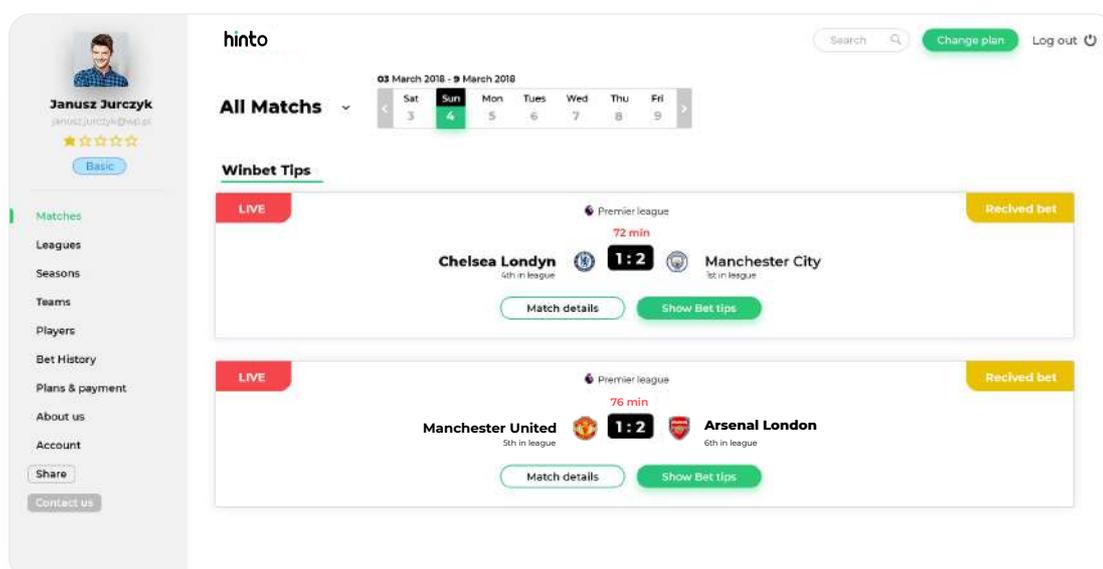
Hinto provides smart betting tips for UK football matches through an easy-to-use web interface. Instead of relying on human analysis to create betting tips, our platform uses powerful mathematical algorithms to analyze tens of thousands of past league matches, generating some of the world's most accurate tips. Unlike other distributors of betting tips, the Hinto platform

tells users exactly how much to bet on each match, crucially minimising the risk of individual bets.

The Hinto algorithm isn't right 100% of the time. However, the exceptional accuracy of our platform is unheard-of, even among professional bettors. From a total of 693 betting tips published between April 2018 and May 2019, more than 560 of those were correct. During that period, users who bet according to our tips generated an average monthly ROI of 12,12%. Without reinvesting any profits in their bankroll, this equates to an annual ROI of 181,80%.

## Interface

Hinto.win is the web interface that gives users access to the Hinto platform. The interface is divided across two main pages: the Matches page, and the Tips History page. The former shows users current betting tips for upcoming sports matches, while the latter documents previous Hinto tips and their accuracy.



Using Hinto is extremely straightforward. Here's how a beginner can get started with Hinto in just three easy steps:

## 1. Sign Up

Hinto only shares betting tips with registered users, so the first step is to sign up. Users can gain up to two weeks of free betting tips with a Trial account, after which they can upgrade to a Basic account for just £9 per month. The Basic plan gives users access to all of the Hinto platform's betting tips (the same betting tips which have historically generated a monthly ROI of 12,12%).

Two other plans — Premium and VIP — are now available. In theory, these plans generate a higher ROI than the Basic plan. However, they do so by placing greater weight on individual bets, so they are only recommended for users with substantial bankrolls.

## 2. View Tips

After signing up, users can see all of the day's betting tips by navigating to the Matches page. On this page, users can see exactly what bet to place on any given match and how much to bet.

Hinto betting tips either predict the number of goals that will be scored in a given match, or the overall outcome of the match. Based on this, betting tips can be provided in one of two formats.

For goal-related tips, the following format is used:

Tip	Meaning
under 0.5	No goals
under 1.5	Less than or exactly 1 goal
under 2.5	Less than or exactly 2 goals
under 3.5	Less than or exactly 3 goals
under 4.5	Less than or exactly 4 goals
over 0.5	More than or exactly 1 goal
over 1.5	More than or exactly 2 goals
over 2.5	More than or exactly 3 goals
over 3.5	More than or exactly 4 goals
over 4.5	More than or exactly 5 goals

For outcome-related tips, the following format is used:

Tip	Meaning
1X	Home team wins or draws
1X2	Home or away team wins
X2	Away team wins or draws
1	Home team wins
X	Draw
2	Away team wins
DRAW NO BET	Given team wins; the money is returned if the match is drawn

### 3. Place Bets

Hinto itself only provides betting tips, so users must manually place bets themselves on a third party betting platform. While any platform can be used to place bets, Hinto works best with Betfair, one of the UK's most popular sports betting websites.

## How it works

The Hinto algorithm uses advanced Big Data and Machine Learning techniques to identify individual patterns and trends in tens of thousands of historical sports matches. Based on this, the algorithm is able to generate quantitative performance ratings and goal-scoring tendencies for all teams. By analyzing this data against the matchups of upcoming games, the Hinto algorithm can predict the number of goals that will be scored in a game or its overall outcome. After accounting for the betting odds set by the bookmaker (Betfair), the Hinto platform can then identify and publish profitable betting opportunities to its users.

For each prediction, the Hinto algorithm takes into account data points such as:

- Previous outcomes of that exact matchup
- Historical performances of both teams
- Recent performances of both teams
- Average number of goals scored by both teams
- Betting odds set by the bookmaker (Betfair)

As alluded to earlier, an essential element of profitable sports betting is bankroll management. Since there is no way for the Hinto algorithm to ensure 100% accuracy for any given tip, only small amounts of a user's bankroll should be bet on each match. The Hinto platform tells users exactly how much to bet based on the size of their bankroll and a confidence rating specific to each tip. For example, if a tip is based on strong, well-defined patterns, the tip will have a high confidence rating and the Hinto platform will suggest a larger bet. If a tip is based on weaker patterns, the tip will have a low confidence rating and the Hinto platform will suggest a smaller bet.

Also of note, after each match finishes, new data is fed back into the Hinto platform. This allows the Hinto algorithm to autonomously learn from both its successes and its mistakes, while continually contributing to the data sets it draws predictions from.

## **Introducing The Hinto Token**

The Hinto ecosystem will be powered by the Hinto Token (HNT), a utility token that can be redeemed for access to the Hinto platform.

### **Utility**

The Hinto Token can be used to purchase membership plans on the Hinto platform. In addition to offering new and existing users a 50% discount on the Basic plan, the Hinto Token can be redeemed for exclusive access to the Premium and VIP plans.

The table below shows monthly membership costs for the three plans, when paying with GBP versus when paying with the Hinto Token:

	<b>Standard</b>	<b>Premium</b>	<b>VIP</b>
Price if paying in GBP	£19.99	N/A	N/A
Equivalent price if paying in HNT	£9.99	£99.99	£149.99

Users can load Hinto Tokens onto their account by sending tokens to the public address listed in the Profile section of the Hinto.win web interface or Hinto mobile applications.

## Specifications

The Hinto Token is an ERC20 token. This means it can be transferred between and stored within regular Ethereum (ETH) cryptocurrency wallets.

The maximum supply of the Hinto Token is 1,000,000 HNT.

## Initial Exchange Offering and Airdrops

90% of Hinto Tokens will be distributed by means of one or more Initial Exchange Offerings (IEOs). The remaining 10% of Hinto Tokens will be used for promotional airdrops.

## **Future Development**

We have numerous ideas for the future development of the Hinto ecosystem:

### **Verifiable Tip History (Q3 2019)**

Whenever a new tip is published on the Hinto platform, we plan to automatically share an encrypted copy of that tip on the Ethereum blockchain. Upon signing up for any of our three plans, users will receive a private key which they can use to decrypt the tips.

Since all blockchain entries are timestamped, this will allow users to check that past betting tips were indeed made before matches began. As such, users will be able to place full faith in the past performance of the Hinto platform before putting their own money on the line.

### **Affiliate Program (Q4 2019)**

The Hinto Affiliate Program will introduce a new way for users to earn money within the Hinto ecosystem. Each user of the Hinto platform will receive a unique affiliate link which can be shared with others. When a new user subscribes to one of Hinto's three membership plans using an affiliate link, the referring user will receive a monthly commission in Hinto Tokens for as long as the new subscription is upheld.

The size of these commissions will correspond to the number of referrals a user generates:

- For the first 5 referrals, the user will receive a 10% commission
- For referrals 6 through 50, the user will receive a 15% commission
- For any additional referrals, the user will receive a 20% commission

## **Mobile Applications (Q1 2020)**

In addition to a web interface, Hinto also plans to offer mobile applications for both iOS and Android. Both applications will offer equivalent functionality to the web interface. This will allow users to conveniently access betting tips from a mobile device. Since most online sports betting platforms also have mobile applications — including Betfair — this will enable users to place profitable bets wherever they are.

## **Algorithm Updates (2020-)**

Aside from further development of the Hinto ecosystem, we plan to continuously improve the Hinto algorithm itself. This will involve reviewing the past performance of the algorithm to evaluate potential areas of improvement. Periodically, we will make updates to a private testing algorithm, and, if they are successful, roll these changes out to the live Hinto algorithm.

## Roadmap

2016	Initial development of the Hinto algorithm
2017	Closed testing begins on the Hinto platform
2018	Public release of the Hinto platform
Q3 2019	ICO and development of verifiable tip history
Q4 2019	Affiliate program creation and rollout
Q1 2020	Release of mobile apps
2020-	Continuous improvement of the Hinto algorithm

## Team



Pawel Polenski

### Chief Executive Officer

CEO of Space Digital Group, Pawel has many years of experience in the field of cyber security and cryptography. He is also the creator of the Hinto algorithm, over which he worked in recent years.



Maksym Chrost

### Head of Operations

Successfully creating ventures in the blockchain and IT space for multiple years serving as Head of Blockchain at Space Digital Group and Founder of Prudensolve. Prudensolve solves security problems related to blockchain assets while at Space Digital Group he develops blockchain projects.



Marcello Bardus

**Blockchain Developer**

Blockchain developer since 2016. He has been associated with IT for 8 years. An active member of the DLT community in northern Italy.

Ethereum trainer and programming smart contracts. Marcello focuses on blockchain and IOT solutions on a daily basis.



Mateusz Kara

**Lawyer**

Owner of the Kara law firm. He has extensive experience in the field of law in the area of new technologies closely related to blockchain technology and cryptocurrencies. Also co-founder of Bitcan, one of the largest currency exchange in Poland.



Thomas Bush

**Chief Marketing Officer**

Thomas is an experienced internet marketer and long-time blockchain enthusiast.

With more than five years under his belt as a freelance copy- and content-writer, Thomas excels at building and engaging online audiences. At Hinto, Thomas manages content creation, press coverage, and other promotional aspects of the project.



Sebastian Badura

**Ruby on Rails / Backend Specialist**

Sebastian is a programmer at Ruby on Rails with over 10 years of experience in backend technologies. In addition, he has extensive experience in process management and IT teams management. In the hinto he deals with the implementation of algorithms and the entire technological layer.

## Legal information

### Disclaimer

### Jurisdiction

We have approached the HINTO token sale in a comprehensive and responsible manner. Given the uncertain status of cryptocurrency and digital tokens in various jurisdictions, we spent a significant amount of time and resources to analyze the legal status of HINTO business model and the HINTO tokens in jurisdictions where we plan to operate. The sale of HINTO tokens constitutes the sale of a legal software product under Polish law. This product sale is conducted by Space Digital Group Sp. z o.o.

It is the responsibility of each potential purchaser of HINTO tokens to determine if the purchaser can legally purchase HINTO tokens in the purchaser's jurisdiction and whether the purchaser can then resell the HINTO tokens to another purchaser in any given jurisdiction.

**YOU ARE PROHIBITED FROM PARTICIPATING IN HINTO TOKENS SALE IF:**

You are a resident of United States of America, Albania, Belarus, Bosnia and Herzegovina, Burma, Central African Republic, Cote D'Ivoire, Crimea and Sevastopol, Croatia, Cuba, Democratic People's Republic of Korea, Democratic Republic of Congo, Ethiopia, Ghana, Iran, Iraq, Kosovo, Lebanon, Liberia, Libya, Macedonia, Moldova, Pakistan, Serbia, Somalia, Sudan, Syria, Tunisia, Venezuela, Yemen, Zimbabwe or any other jurisdiction which is deemed to high-risk according to Financial Action Task Force.

You are prohibited from participating pursuant to court order. You have knowingly received any Pre-Release Data or other non-public information that provides an advantage in trading. You are engaged in any type of financial fraud. You are under 18 years of age (may vary per jurisdiction) and do not have the legal capacity to accept the Terms of Service. It is difficult to predict how or whether regulatory agencies may apply existing regulation with respect to blockchain technology and its applications, including cryptocurrencies and the HINTO tokens. It is likewise difficult to predict how or whether legislatures or regulatory agencies may implement changes to law and regulation affecting blockchain technology and its applications. Due to mentioned above uncertain state of regulation on a global scale, we cannot guarantee the legality of HINTO tokens in every jurisdiction.

Therefore, you should carefully consider all risks involved, including, but not limited to, those listed above and, to the extent necessary, consult an appropriate lawyer, accountant, or tax professional. Do not use our services or get involved with any activities related to HINTO tokens in case of not being certain about your rights that the jurisdiction of your residence or citizenship grants you.

## **Legal status of HINTO tokens**

HINTO tokens are functional utility tokens designed for the [www.hinto.win](http://www.hinto.win) platform. HINTO tokens are not securities. HINTO tokens are sold as a digital asset, similar to downloadable software, digital music, and alike. Once you purchase HINTO tokens, they cannot be refunded. We do not recommend buying HINTO tokens for speculative investment purposes. You should buy HINTO tokens to participate in the [www.hinto.win](http://www.hinto.win) platform.

HINTO tokens do not represent or confer any ownership right, share or security (or any equivalent right) in Space Digital Group Sp. z o.o. or any other company, any future right to receive an interest or revenue share in Space Digital Group Sp. z o.o. or any other company, any future right to receive an interest in any intellectual property rights relating to the Space Digital Group Sp. z o.o.

## **Intellectual property rights**

Space Digital Group Sp. z o.o. is the owner or the licensee of all intellectual property rights in [www.hinto.win](http://www.hinto.win) platform, and in the material published on it (including this document). Those works are protected by copyright laws and treaties around the world. All such rights are reserved. You must not modify this white paper or digital copies of any other materials you have printed off or downloaded in any way, and you must not use any illustrations, photographs, video or audio sequences or any graphics separately from any accompanying text.

## **General terms and conditions**

This document does not constitute an offer to sell, an invitation to induce an offer, or a solicitation of an offer to acquire securities. This document is provided for informational purposes only and does not constitute investment advice. The information set in this document may not be exhaustive. While we make every effort to ensure that any material in this white paper is accurate and up to date, such material in no way constitutes the provision of professional advice. Space Digital Group Sp. z o.o. does not guarantee, and accepts no legal liability whatsoever arising from or connected to, the accuracy, reliability, or completeness of any material contained in this white paper.

This document may contain „forward looking statements” - that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance. Such forward looking statements by their nature address matters that are, to different degrees, uncertain. We cannot guarantee that any forward looking statements, backtests or experiments made by us or expected results of operation of the [www.hinto.win](http://www.hinto.win) platform will correlate with the actual future facts or results.

Any dispute or claim arising out of or in connection with HINTO tokens shall be governed by the Polish law.

Any dispute arising out of or in connection with HINTO tokens will be exclusively dealt with the Courts of Poland.

We may revise these document at any time by amending this page. You are expected to check this page from time to time to take notice of any changes we made, as they are binding on you.

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If you have any concerns about this white paper, please contact:  
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Please note that HINTO team does not provide any opinion or any advice to purchase, sell, or otherwise transact with HINTO tokens or any other legal or tax advice.