driven by facts







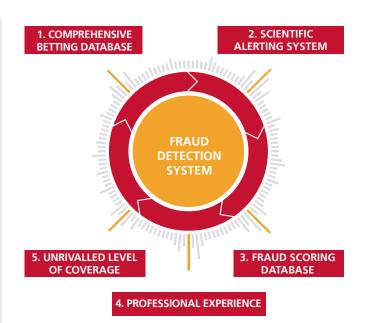
FRAUD DETECTION SYSTEM

Sportradar's Fraud Detection System (FDS) is a unique service that identifies betting-related manipulation in sport.

Sportradar provides the FDS to all the major organisations in world football, including UEFA, the English, Estonian, French, German, Scottish and Czech Football Federations and the Italian Lega Pro. The FDS is constantly broadening its horizons to incorporate an array of sports and additional clients include the French Tennis Federation and the German Handball League. Sportradar enjoys close working relationships with law enforcement agencies and police across Europe and strives not only to detect corruption, but also to help prevent it in the future.

Since 2004, the FDS has worked with over 300 bookmakers, including Asian and European bookmakers, Betting Exchanges and European Lotteries, in order to monitor the global betting market. Currently, the FDS team of 25 highly-qualified Trading Analysts oversee in excess of 42,000 matches per year, using their vast experience and expertise to investigate suspicious betting patterns around-the-clock.

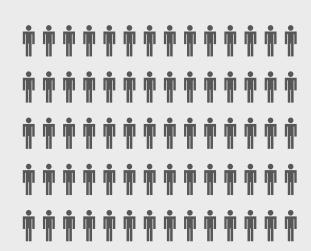
By tracking odds changes and liquidity across such a wide range of markets, the FDS is in an unrivalled position to detect irregular betting patterns in real-time, both pre-match and live (in-play). With the team's thorough specialist knowledge of both the betting markets and the sport (team news, local rumours, match action), the FDS is quickly able to reach a conclusion regarding the integrity of any match. In each case where fraudulent activity is suspected, a comprehensive report is compiled within 48 hours; providing an excellent platform for any potential criminal investigations into match-fixing.



The growth of betting-related match fixing is alarming, especially because it is a problem to which no sport and no country is immune.

Michel Platini

bookmakers and state lotteries are tracked in real time in order to detect any fraudulent betting patterns.

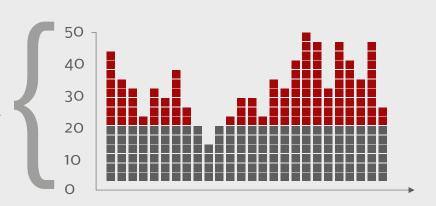






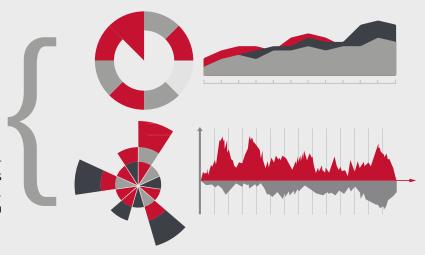
The worldwide betting markets offered by retail and online bookmakers, betting exchanges, spread betting firms and state lotteries all receive full coverage.

Sportradar compiles their own comprehensive in-house statistics for a range of sports, including players, team, head-to-head, league and overall Sports statistics.



OVER 100 MILLION DATASETS

The real-time tracking of odds from bookmakers across the world means that we process over 100 million datasets per day on average. All odds changes of every betting market from every bookmaker are tracked.











monitoring service of the worldwide betting industry we operate 24 hours a day, 7 days a week, 365 days of the year.

2. SCIENTIFIC ALERTING SYSTEM



We have created 15 detailed pre-match alerts based on the odds movements of the book-makers, encompassing all aspects of the betting markets on offer.



Sportradar has created a sophisticated mathematical model allowing us to accurately monitor all live betting on offer during an event. We have created 7 additional live alerts, which instantly inform us of any sustained betting anywhere in the market place.



IDENTIFICATIONOF HIGH RISK INDIVIDUALS

Our system tracks all of the individuals (players, coaches, match officials, etc.) involved in all suspicious matches enabling us to track these individuals from club-to-club and country-to-country.





ACTIVITY **MONITORING**

Sportradar simultaneously monitors all countries, leagues, competitions, teams and players that could potentially be involved in manipulated matches, ensuring that all suspicious activity is detected and flagged.

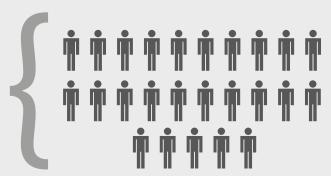
MOVEMENT TRACKING

An alerting system warns us immediately if any suspicious individual signs and registers with a new club, even if the new club is a country or jurisdiction with no previous fraudulent activity, so we can closely monitor their activity.



SENIOR TRADING

25 full-time senior trading analysts are employed to run the Fraud Detection System. These analysts have the skills and knowledge to identify suspicious patterns and all have direct experience from working in the different areas of the betting industry; Asian Bookmakers, European Bookmakers – Retail and Online, Betting Exchanges, Spread Betting and State Lotteries.







PROFESSIONAL The experience and skills of our team of ana-

lysts means that we have specialist knowledge of all areas of the betting industry and are able to accurately review the betting patterns from all bookmakers and their respective betting markets.



The Fraud Detection System has been in operation for several years and over that time we have established excellent working relationships with Sports Federations, Police and Law Enforcement agencies across Europe.



To ensure that we have all possible information we employ an extensive network of over 150 freelancers who provide us with pertinent information and market intelligence on all teams and leagues that we monitor.

42,000MATCHES

We currently monitor in excess of 42,000 matches across Europe each season for our clients.



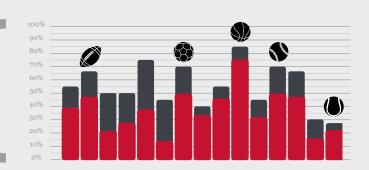


110,000 INDIVIDUALS

There are now over 110,000 tracked individuals in our database, including Players, Coaches, Match Officials, Presidents and Club Officials, and this database is increasing daily.

WORLDWIDE **Monitoring**

Sportradar has the capacity and expertise to implement the monitoring of all mainstream sports and their related betting markets, both pre-match and live, from across the globe. Our team of mathematicians have created live betting models for football, basketball, ice hockey, tennis, handball, volleyball, beach volleyball and futsal, enabling us to detect unusual betting patterns as they happen.







FRAUD PREVENTION SERVICE

Whilst the Fraud Detection System (FDS) monitors and highlights suspected manipulated matches, Sportradar has recognised the need for a full Fraud Prevention Service (FPS). This preventative service offers sports associations and law enforcement agencies all the support and information they need to tackle match-fixing. Whether they are currently facing a real problem in their sport or they have the foresight to take preventative measures, the FPS offers a solution to their needs.

The Sportradar team of professionals is equipped with the expertise to handle any issue regarding match-fixing, including educating association/league officials to the full extent of the problem, reviewing an association's working practices, the set-up of efficient escalation routines (in case of fraud being detected), educating professionals (players, referees, coaches, etc) responding to the media, and even providing expert witnesses in a court of law.

The FPS is available in specifically tailored packages designed to accommodate a wide range of requirements and budgets. Comprehensive packages are available to ensure that all aspects of the sport are covered, enabling the client to handle any possible situation in a positive and proactive manner. In the long run, this will ensure that organised crime and match-fixing does not have a detrimental effect on their sport, nor on the revenue it generates.

Sportradar's Fraud Prevention Service offers a vast range of solutions that cannot be rivalled in the marketplace. As a company, Sportradar has been monitoring and detecting matchfixing in worldwide sport for nearly a decade, enabling us to bring you a service that no other company can provide.



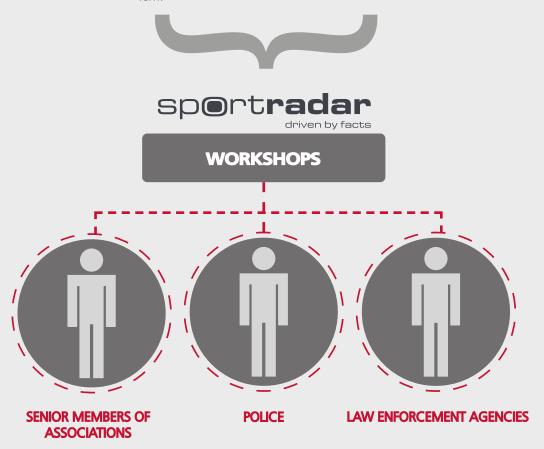
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FIFPro Black Book '12

EDUCATIONAL WORKSHOPS

The FPS experts are on hand to offer a full educational workshop to any interested parties. This may be to the senior members of an association, law enforcement agencies or police; enabling them to fully understand the extent of the problem.

They will learn about all areas of the betting industry: how bookmakers operate, the problems that sport faces today, how matches are actually fixed, how players are recruited and how to tackle this somewhat daunting problem.



TAILORED EDUCATION SOLUTIONS

The FPS offers a tailored range of solutions to educate players, youth players, coaches, match officials and even club owners to all betting and fraud related topics in their sporting environment.

Through the live workshops, the FPS experts will teach them what constitutes match-fixing, how match-fixers may try to recruit them and how this will impact on their lives, as well as making them fully aware of the punishments involved. The FPS not only aims to educate these professionals and protect young players starting their careers but also to act as a deterrent to those who may already be involved. The workshops offer the flexibility to incorporate all rules and codes of conduct that are relevant to them.





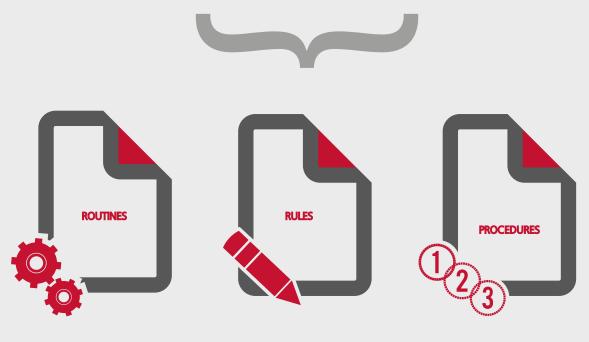
REVIEW OF ROUTINES, RULES & PROCEDURES

The FPS experts are able to work closely with all relevant parties to ensure that thorough escalation processes (internal and external) are in place in the case of fraud being detected.

The FPS consultants will help an association in setting-up an effective and detailed process of concrete internal and external measures and routines in case of a suspicious or manipulated match within its jurisdiction.

By refreshing their existing rules and procedures, an association can ensure that solutions are in place to not only tackle cases of match-fixing, but also to implement preventative measures to help eradicate it from their sport altogether. In addition, the experienced FPS legal team will ensure that the rules and subsequent punishments are enforceable in their jurisdiction.

The FPS experts will review the impact that any new rules have on their codes of conduct, making sure that any advised changes are completely realistic and achievable.



EDUCATION AND PREVENTION E-LEARNING SOLUTIONS

The e-learning packages offer the organisation the opportunity to communicate with their target groups via an efficient and cost-effective medium.

Our e-learning solutions on match-fixing follow the paths of real-life convicted matchfixers. Their story will fully encompass all aspects of match-fixing and we will further explain each concept in detail using eyecatching graphics and narration. Our elearning doesn't end with match-fixing as our experts are on hand to produce a host of creative educational content linked to betting or specific rules/codes of conduct.

By using carefully selected multiple-choice questions we will gauge the understanding of the user. The administrative system will track all scores to such questions enabling the organisation to easily identify individuals who are perhaps experiencing problems in specific areas, as well as enabling us to closely monitor the strength of our content and improve on it accordingly.

Whatever the subject matter, our e-learning administrative system offers a simple hosting solution where multiple tutorials can be implemented and monitored simultaneously, including the organisations existing tutorials!



EXPERT WITNESS

Once an investigation has highlighted responsible individuals, Sportradar is then in a unique position to assist in any internal hearings or criminal investigations as expert witnesses. The FPS experts have all the relevant qualifications to give evidence in a court of law and are accredited as expert witnesses on various legal websites.



6. MEDIA



MEDIA CONSULTANCY SERVICE

Whether an association is looking to announce that they are tackling match-fixing in general or responding to a specific investigation or scandal, Sportradar's media consultancy service offers clients all the information they need to achieve the most positive outcome in all situations.

The FPS experts can assist with preparations for interviews and press-releases across all forms of media and will ensure that the association is briefed in detail and fully understands all the information involved, before working together to devise the best course of action going forwards.



Do you require further information? Then please let us know. We will be more than pleased to personally deal with your enquiries. Contact us at integrity@sportradar.com.

BRANCH OFFICES AND REPRESENTATIONS



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