



# FieldWiz performance tracking solution

One step closer to winning

Advanced Sport Instruments SA

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# About ASI



- Born out of the encounter of sports and technology
- Specialized in the development of highly accurate electronic and performance tracking solutions.
- Launches in-house product lines, integrates third-party solutions and also realizes on-demand developments.
- Provides **FieldWiz**, a standalone performance tracking solution for football
- Counts several customers in many different sports as well as industries.







## Benefits - Why using Tracking devices?

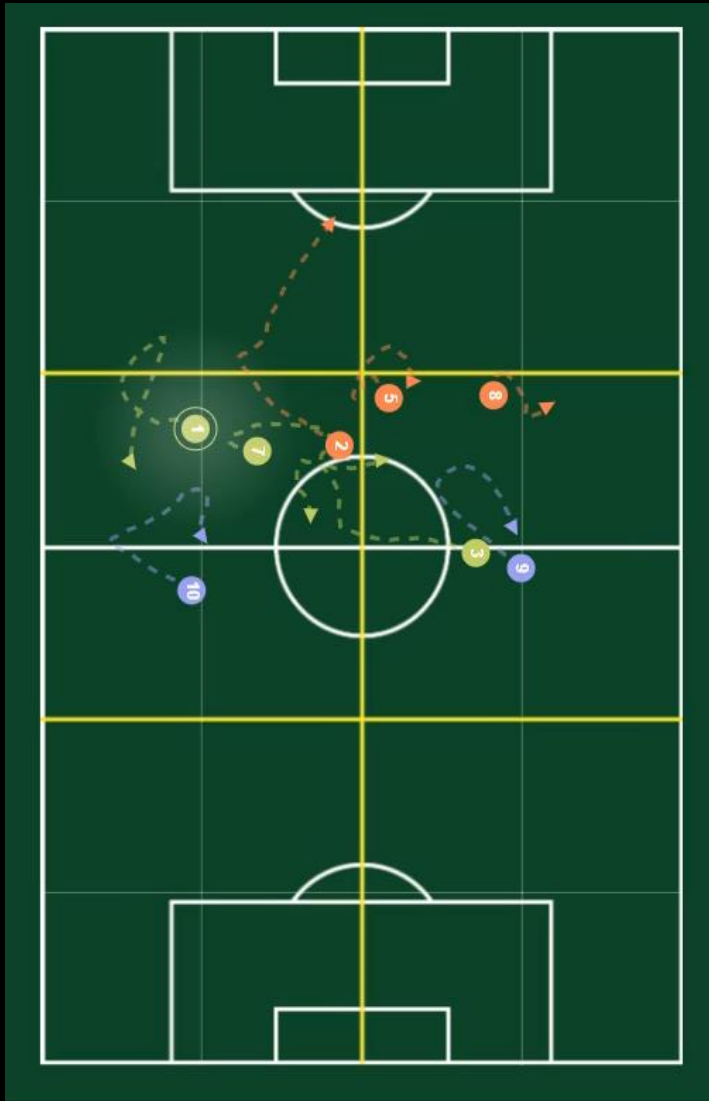
- Get a clear view of what happens on the pitch
- Manage activities to achieve the most of it
- Set goals and track progress
- Monitor the load, prevent injuries
- Rehabilitate safely
- Reinforce intuition and create predictability
- Communicate effectively
- Contextualize data with video integration



# Benefits - Why using Fieldwiz?

- **Practical:**
  - Its light weight does not disturb the player
  - Wearing on the back is safe and doesn't affect the game
  - GPS and heart rate monitor all-in-one
  - Data ready to be collected within a few minutes
  - Software is easy to use and saves a lot of time
- **Advanced Technology:**
  - Hardware components makes it very precise
  - Constant development of new functions to be implemented
  - Fifa approved
- **Outstanding Support:**
  - Expertise of the engineers guarantees fast problem solving
  - Size of the company gives faster connection with the employees
  - Customer feed-backs and suggesting taken with priority
- **Cost effective:**
  - Best value for money on the market
  - Possibility to spread the payment over several months or years
  - No recurrent costs

# Calculated metrics



## Heart-rate

- HR min, max, average
- HR zones based on individual HR max
- HR variability\*
- Individual working target

## Position

- Total distance run
- Distance run by speed threshold (ex:  $> 5.5$  m/s,  $> 7$  m/s)
- Speed statistics (max and average)
- Sprint statistics (number, max speed, distance, time)
- Heat-map, position on the pitch
- Replay function

## Motion

- Acceleration (threshold in  $m/s^2$ )
- Deceleration (threshold in  $m/s^2$ )
- Steps, cadence\*
- Shocks\*
- Jumps\*
- Change of direction\*
- Energy expenditure\*

\* Under development



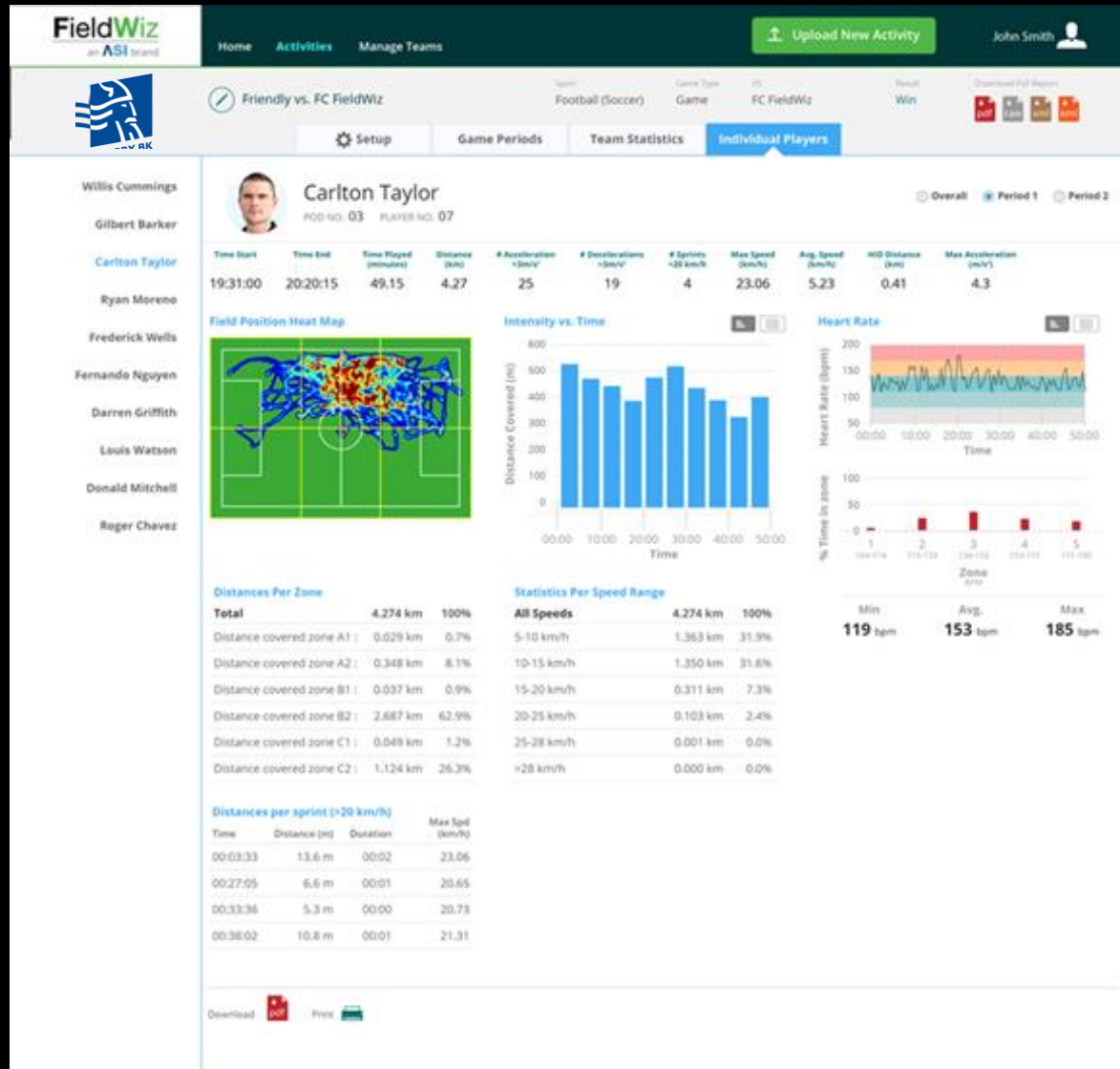
# FieldWiz

## The latest generation performance tracking

- **Highly reliable:** GNSS tracking technology, 18Hz ready.
- **All in one solution:** Motion sensing, position tracking and heart-rate monitoring capabilities in a 35 gram device.
- **Plug & Play:** Straightforward process to gather directly the insights you need, no hardware needed on the field (antenna).
- **Ergonomic conductive shirt,** unobtrusive and comfortable (integrated HRM).
- **Advanced metrics and algorithms:** Heart rate monitoring, energy expenditure, position, movement, etc.
- **Customizable solution:** to optimize your needs of live data, reporting, metrics, process and user experience.
- **Indoor:** IMU and ECG functions available.



# Advanced centralized reporting platform



The advanced platform allows users to easily load, store, visualize and analyse their performance data.

- No installation required
- Updates automatically deployed.
- Thresholds and parameters easily customizable.
- User-friendly interface
- Personalized user experience
- Exports:



# FieldWiz platform – Data Privacy



## High Security standards

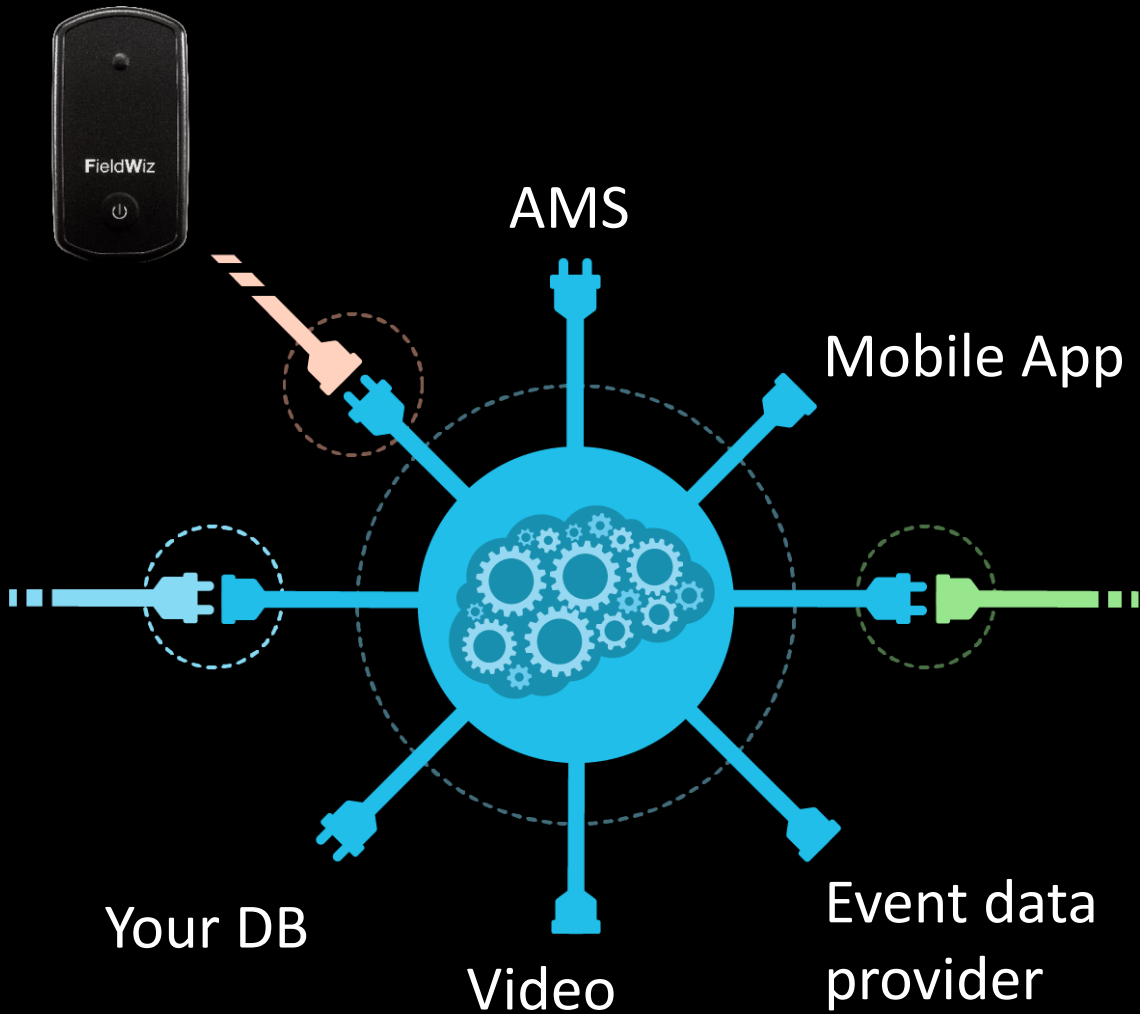
- Hosted on a **dedicated server** by a trusted local partner
- All data are **stored in Switzerland**
- Meets all the latest **security standards**
- **GDPR compliant**

## Options

- Customer **dedicated server**
- **Hosting managed by customer**
- Customized infrastructure



# FieldWiz platform – Interoperability



Automate the collected data flow with third party applications through a state-of-the-art secure & standardized API

Integrate the data with:

- Your own database
- Athlete management systems
- RPE Systems
- Event data provider
- Video Analysis tools
- Team mobile app
- Etc.

FIFA EPTS standard exchange data format supported.

# Validation and certification

FieldWiz GPS has been academically validated in a study of the University of Brighton.

It also met excellent results in a comparison study of University of Lille.

Studies are available upon request.

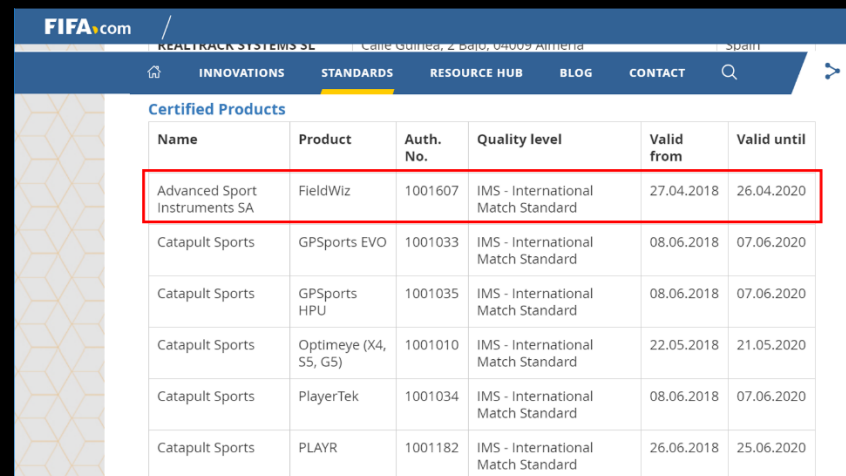


**University of Brighton**



**Université  
de Lille**

The first certified solution with **FIFA INTERNATIONAL MATCH STANDARD IMS** mark, that approves the device meets the minimum safety requirements. Tests have been passed successfully.

Name	Product	Auth. No.	Quality level	Valid from	Valid until
Advanced Sport Instruments SA	FieldWiz	1001607	IMS - International Match Standard	27.04.2018	26.04.2020
Catapult Sports	GPSports EVO	1001033	IMS - International Match Standard	08.06.2018	07.06.2020
Catapult Sports	GPSports HPU	1001035	IMS - International Match Standard	08.06.2018	07.06.2020
Catapult Sports	Optimeye (X4, S5, G5)	1001010	IMS - International Match Standard	22.05.2018	21.05.2020
Catapult Sports	PlayerTek	1001034	IMS - International Match Standard	08.06.2018	07.06.2020
Catapult Sports	PLAYR	1001182	IMS - International Match Standard	26.06.2018	25.06.2020





# We keep on developing We listen to your needs What's next?

- **New physical performances metrics**
  - Movement analysis (jumps, shocks, etc.)
  - Trend analysis
  - New energy and load calculation
- **New tactical insights**
  - Replay function advanced capabilities
  - Data contextualization with video analysis
- **Innovative real-time data solution with the «Live box»**
  - Easy to use real-time data
  - Compatible with all mobile devices
  - No more post-game synchronization required
  - Straight integration into 3rd party solutions (AMS, event data provider, media, video analysis, etc.)
  - Remote monitoring available

# One step closer to winning

We believe we are **the right partner** in order to deliver along with **your club** the best athletes specific application based on our advanced and validated technology. With **the latest generation** all in one device, a comfortable conductive shirt freeing the athletes from constraining belt strap, an easy to use online platform, ready to integrate API as well as a report customization, our solution meets your request.

Precise

Scalable

Cost  
efficient

Easy to  
use



# Thanks a lot



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