

New FieldWiz presentation



Why FieldWiz?

One step closer to winning

Take informed decisions

Reinforce your intuition with reliable insights.

Set goals, track progress

Push your athletes. Encourage healthy competition within the team.

Optimize readiness

Monitor the load, prevent injuries and rehabilitate safely.

Communicate effectively

Demonstrate your strategy and expectations.

The easiest, most reliable and cost efficient solution

The all-in-one swiss-knife of performance tracking

Motion sensing, precise position tracking and heart-rate monitoring capabilities in a 35 gram device.

Plug & Play

Spend time with your athletes, not with your computer!
Straightforward process to gather directly the insights you need.

Reliable data

Latest generation GNSS tracking technology, 18Hz ready. Validated and approved solution by Brighton University and FIFAIMS.

FieldWiz sensor



Only **35 grams**, FieldWiz sensor is the **smallest** and **lightest** sensor available on the market with the highest level of **integration** (GNSS, IMU, Heart-Rate Monitor, BLE, ANT) and Swiss quality engineering.

V2: 30cm accuracy, measurement frequency up to 18 Hz.

Advanced IMU algorithms.

FieldWiz sensor - Technical sheet

FieldWiz is a position, motion and heart-rate sensor. It includes:

- GNSS sensor (position sensor):
 - Concurrent reception of GPS, Galileo, GLONASS, BeiDou
 - -167 dBm navigation sensitivity
 - 72 channels
 - Up to 18Hz update rate
 - 30 cm relative position accuracy
 - Speed accuracy of 0.05m/s
- IMU (inertial motion unit):
 - 3-axis accelerometer
 - Up to 250Hz sampling frequency (configurable)
 - 16-bits output data
 - 3-axis gyroscope
 - Up to 250Hz sampling frequency (configurable)
 - 16-bits output data
 - 3-axis magnetometer
 - Up to 250Hz sampling frequency (configurable)
 - 16-bits output data
- ECG sensor (electrocardiogram)
 - Heart rate computation
 - Heart rate variability
- Internal memory allowing up to 350 hours of data recording
- Rechargeable battery
 - Autonomy of 6 hours
 - Full recharge time : 1 hour
- Dimensions : 65mm x 35mm x 15mm
- Weight : 35g
- Waterproof (sweat-proof, splash-proof)
- Functional temperature : -20°C to 55°C



Wiz shirts

Wiz shirt



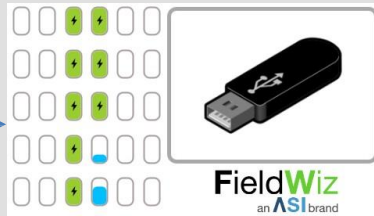
Wiz HRshirt



- Unobtrusive, comfortable and ergonomic
- Breathable with optimized body coverage
- Women and men specific version, available in different sizes
- Integrated HR, no additional belt needed



FieldWiz docking station



The only docking station on the market that allows up to 30 devices with an integrated screen.

It allows to:

- Carry the devices easily
- Charge the devices
- Synchronize the devices

Highly recommended for all usage of more than 10 athletes in one session.

Ease the use of team management.



Services

Multiple team option (without premium software)

Manage more than one team up to 10 teams

The screenshot displays the FieldWiz software interface. The top navigation bar includes 'Home', 'Teams', 'Uploads', 'Statistics', and 'Help'. A green button labeled 'Upload New Data' is visible. The user profile 'Julien M' and a 'Log Out' link are in the top right corner. On the left, a sidebar shows a list of teams: 'Pro Team A' (26 players), 'M21' (1 player), and 'U18' (0 players). The main content area is titled 'Add Player +' and contains a table of player statistics.

Player	Player No.	Pod No.	Position	Height (cm)	Weight (kg)	Max HR (bpm)	Max Speed (kph)	
Julien Mx	1	10		199	89	198	30	⋮
Lionel Yn	2	13		185	87	199	30	⋮
Jan Ls	3	14		188	67	199	29	⋮
Jonathan Fl	4	16		190	80	199	29	⋮
Francois Xavier	5	19		189	75	199	28	⋮
Siri Sack	6	20		189	75	199	27	⋮
Melvin Mec	7	23		190	89	199	28	⋮
Vanes Can	8	24		190	89	199	28	⋮
Christiano Ronald	7	26		188	25	189	28.50	⋮
Lionel Mess	10	27		156	45	210	22	⋮
Momo Sal	11	30		190	77	189	28	⋮

Our solution

FieldWiz is a team solution!

Your Team Set

Basic software included for free.



Available metrics



Heart-rate

- HR, beats per minute
- HR max
- HR average
- HR zones based on individual HR max
- HR variability*
- Individual working target



Position

- Total distance
- Distance by speed zones
- Max speed
- Average speed
- High intensity distance
- Sprint statistics
- Heat-map, position on the pitch
- %of distance in pitch zones

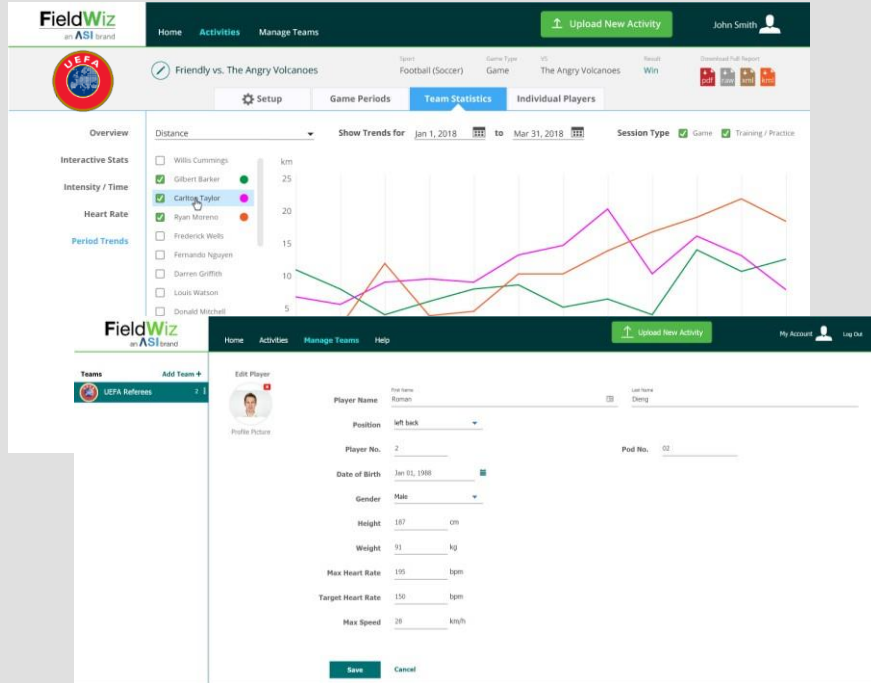


Motion

- Acceleration (threshold in m/s^2)
- Deceleration (threshold in m/s^2)
- Steps, cadence*
- Shocks*
- Jumps*

* Premium functions

FieldWiz platform - infrastructure

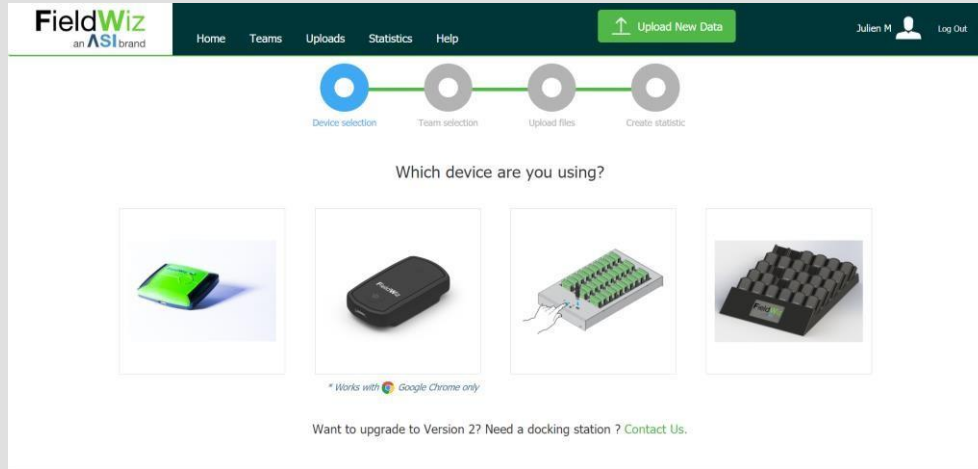


The advanced web platform allows users to easily load, store, visualize and analyse their performance data.

- No installation needed
- User accounts can be easily set
- Thresholds and parameters at team or player level can be customized
- User-friendly interface allows to visualize the data in interactive dashboards
- Personalized user experience and reporting (e.g. organization logo)
- Data and reports can be shared in different formats
- Raw data can be exported in one click



Platform & Sensor V2, what's new?



Release on
October 1st

New menu and denominations



Web USB & Sensor configuration

- Web USB Communication ⑦ direct contact between with the sensor and the Web App (with a USB-C cable)
- Google Chrome is needed
- Sensor must be configured by the user
- The user now receives a set of stickers with numbers and past them according to the configuration
- Athlete's properties must be entered to allow future specific embedded algorithm calculation (e.g. energy expenditure)
- Heart-Rate must be activated on the athlete's account before the upload. Subject to the number of credit available

Web USB & Sensor configuration

FieldWiz
an ASI brand

Home **Teams** Uploads Statistics Help Upload New Data

Teams Add Team +

- Pro Team A 26
- M21 1
- U18 0

Add Player +

Player	Player No.	Pod No.	Position	Height (cm)	Weight (kg)	Max HR (bpm)	Max Speed (kph)
Julien Mx	1	10	left midfield	199	89	198	30
Lionel Yn	2	13		185	87	199	30
Jan Ls	3	14		188	67	199	29
Jonathan Fl	4	16		190	80	199	29
Francois Xavier	5	19		189	75	199	28
Siri Sack	6	20		189	75	199	27
Melvin Mec	7	23		190	89	199	28
Vanes Can	8	24		190	89	199	28
Christiano Ronald	7	26		188	25	189	28.50
Lionel Mess	10	27		156	45	210	22
Momo Sal	11	30		190	77	189	28
Gareth Zurich	15	33		195	80	199	31
Samuel Hetauo	34	35		188	78	195	32
Didier Droguebar	19	37		189	80	189	31
Diego Armando	10	38		160	78	195	31
Michel Penalty	7	41		180	78	180	32
Player Twenty-one	12	22		180	75	200	28
Player Twenty-one	12	21		180	75	200	28
Player Twenty-four	24	00		180	75	220	28
Player Twenty-four	24	34		180	75	220	28

Data upload & session management

- Upload one to many data at onetime
- Once saved on the server, the data are automatically deleted from the sensor
- Statistics can be (re)generated anytime from the uploaded data
- Data from the same session (same team, date and time) can be aggregated anytime (e.g. allows to merge data from two docking's sync for a team > 30 players)

Data upload (ex: One Pod)

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Home Teams Uploads Statistics Help [Upload New Data](#)

Team
Pro Team A



Total Statistics Recorded	Total Hours Played	Average Distance	Average Speed
0 Games 0 Practice	0h 0m 0s	0 Km	0 Km/h

Recently Generated Statistics

Title	Type	Statistic Date	Timezone
<i>no data</i>			

no data

Session Management


Home Teams Uploads Statistics HelpUpload New DataJulien M  Log Out

Team
Pro Team A

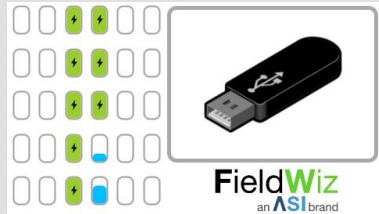
Total Statistics Recorded	Total Hours Played	Average Distance	Average Speed
0 Games 0 Practice	0h 0m 0s	0 Km	0 Km/h

Recently Generated Statistics

Title	Type	Statistic Date	Timezone
<i>no data</i>			



Data upload with the docking



Home Teams Uploads Statistics Help [Upload New Data](#)

Device selection Team selection Upload files Create statistic

Please click OR drag and drop files to attach

Drop DKG file here

[Back to Team Selection](#)

End to end process

FieldWiz
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Home Teams Uploads Statistics Help

Upload New Data

Julien M Log Out

Team
M21

Total Statistics Recorded	Total Hours Played	Average Distance	Average Speed
0 Games 0 Practice	0h 0m 0s	0 Km	0 Km/h

Recently Generated Statistics

Title	Type	Statistic Date	Timezone
no data			

Conclusion



Easy to use

All-in-one

Swiss
precision

Validated

Standalone

Cost
efficient



FIFA – IMS standard



FieldWiz, the FIRSTwearable tracking device officially approved by FIFA!

After several months of intense testing, FieldWiz successfully passed the tests and becomes the first approved wearable tracking device to officially meet FIFA's International Match Standard (IMS) for Electronic Performance and Tracking Systems (EPTS).

As a FIFA-approved provider of performance tracking systems, devices meet the federation's requirements in terms of player safety, performance, durability, quality assurance and playing comfort. Having met these criteria, ASI can provide official certification for each of its devices and the technology will bear FIFA's IMS mark to denote that it is approved for use in competition.