

INSAIT joy
SMART SHIN GUARDS



Elite Intelligence for Every Pitch

Engineered with pro-level inertial sensors and proprietary AI algorithms, INSAIT JOY transcends basic tracking. We quantify the "invisible" aspects of performance—Speed, Stamina, Acceleration, Balance, and Power—providing a data-driven roadmap to peak performance.



TRUSTED BY THE GLOBAL FOOTBALL COMMUNITY

Player tracking technology trusted by the Pros, now available for all aspiring players looking to unleash their potential.



Egypt National Team

AFCON 2026

Surrey County FA

United Kingdom

Djurgårdens IF

Akademiccamp Pro
Sweden

ROMA Florin Pădurean

Liga 2 Feminin
Romania

Sergej Jakirović

Former Head Coach
GNK Dinamo Zagreb

Petar Sučić

Inter Milan FC
Croatia National Team

Beau Mullins

Portsmouth FC

TESTIMONIALS

Get inspired by the feedback from coaches, parents and sports tech innovators about INSAIT JOY.



Ian Holloway
EFL Manager

Players don't like the vests, as it feels too pressured. Whereas this, absolutely fantastic. No one will even know you've got it on. They are really good shinpads as well. It's more about the data you can give. That's the good thing about it.



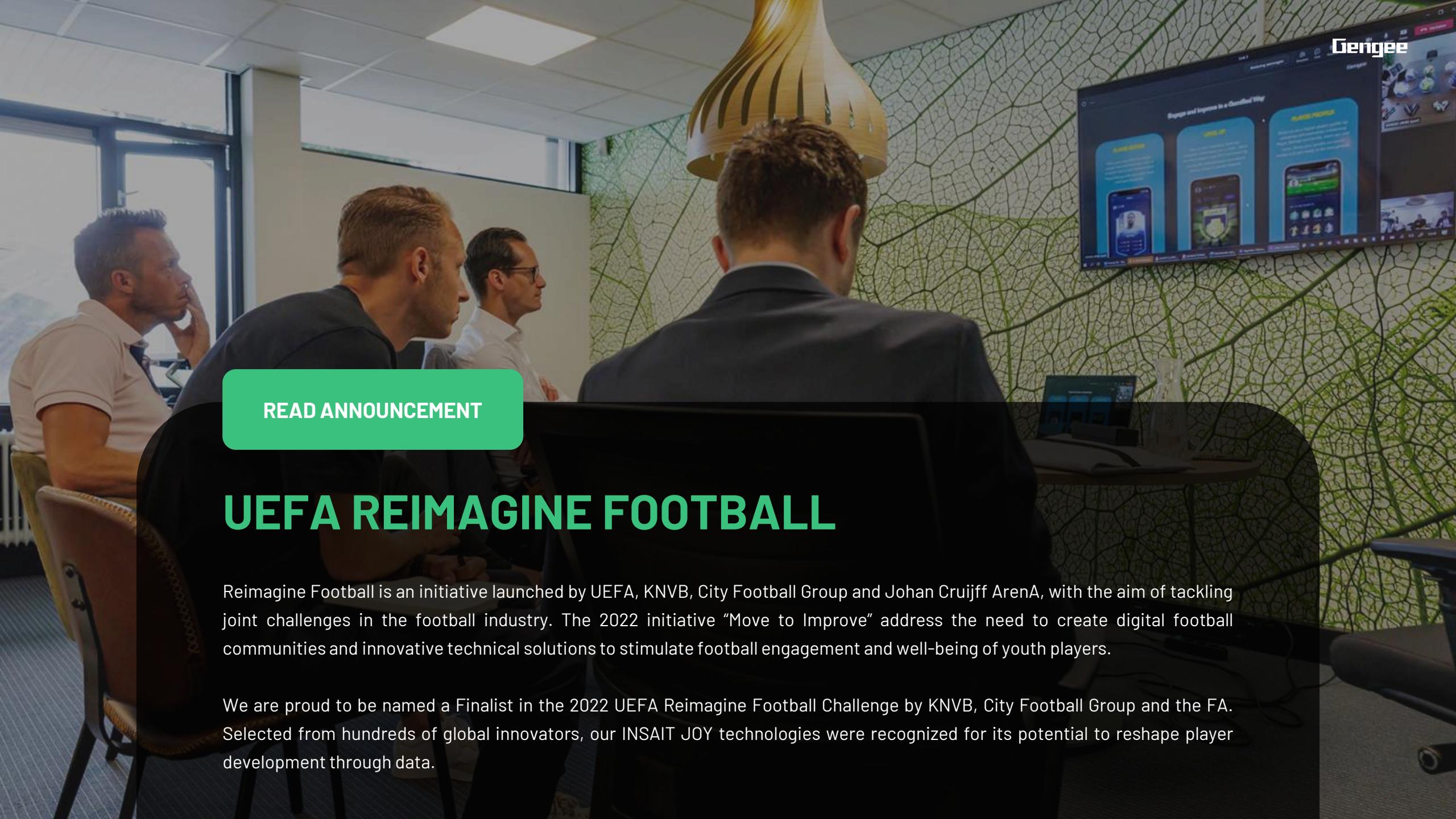
Scott Chickelday
UEFA Coach

We coach from grassroots through to one-to-one sessions with Premier League players. I couldn't recommend these shinpads enough. A great way to improve and track progress.



Kirk Ritchie
Head of Marketing, Surrey FA

After our first meeting, I bought two pairs for my kids to see just how easy they were to use and whether they really did what they claimed. I was blown away by the stats and how simple it was for me to use the app to showcase areas to work on. I am so pleased to get this over the line as I know these products will improve players and highlight what they can develop.

A group of men are gathered in a modern office environment, looking at a large screen displaying a digital football interface. The interface shows various mobile app screens for player management and analysis. The room has a large, green, leaf-like wall mural and a large, stylized chandelier.

READ ANNOUNCEMENT

UEFA REIMAGINE FOOTBALL

Reimagine Football is an initiative launched by UEFA, KNVB, City Football Group and Johan Cruijff ArenA, with the aim of tackling joint challenges in the football industry. The 2022 initiative "Move to Improve" address the need to create digital football communities and innovative technical solutions to stimulate football engagement and well-being of youth players.

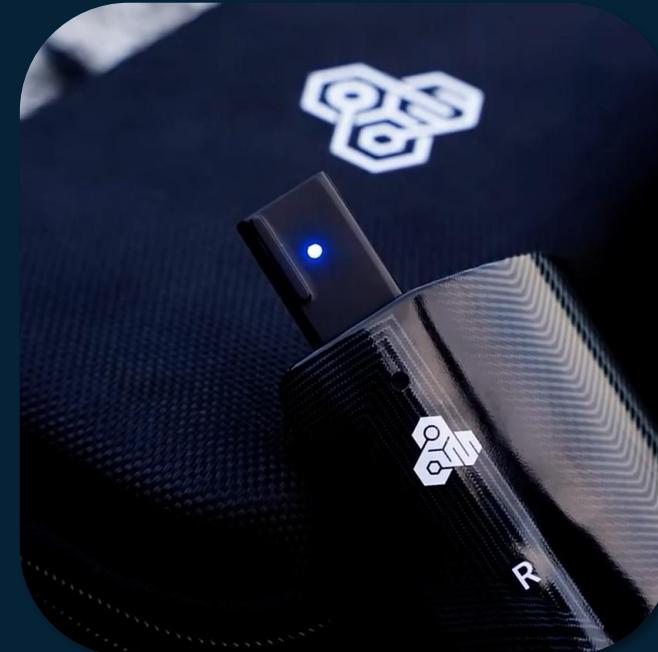
We are proud to be named a Finalist in the 2022 UEFA Reimagine Football Challenge by KNVB, City Football Group and the FA. Selected from hundreds of global innovators, our INSAIT JOY technologies were recognized for its potential to reshape player development through data.

ADVANCED FOOTBALL WEARABLE TECHNOLOGY

AI-powered algorithm built into regular football accessory, leaving you to focus on the game without foreign object feelings.



Analyzing and processing 540,000+ metrics per session to capture every movement detail, all powered by up to 8 hours of continuous tracking.



Seamlessly insert trackers into a pair of high-quality shin guards that deliver maximum impact absorption, durability, and zero distraction on the pitch.



Weather-resistant and Bluetooth enabled sensors with internal storage capacity, ensuring you can train in all conditions and easily sync post-session data with the app.

PERFORMANCE INSIGHTS

Download the INSAIT JOY App free of charge to unlock instant, objective performance feedback. Identify strengths and weaknesses, refine skills, and accelerate development—all without subscription fees.



Available on the
App Store

GET IT ON
Google Play

18 PARAMETERS

Monitor your game or training with 18 key parameters and rate your performance in Speed, Stamina, Power, Balance and Acceleration, allowing you to manage loads, optimize training and benchmark growth.

Total Distance	Distance per Min	High-speed Distance	Sprint Distance	Avg. Sprint Distance	Left Foot Touches
Total Calorie	Top Speed	Total Sprints	Total HSR	Top Accelerate	Right Foot Ratio
Max Jump	Total Jumps	Total Sharp Turns	Max Kicking Power	Left Foot Ratio	Right Foot Touches

ANALYZE, BENCHMARK AND IMPROVE



TREND ANALYSIS

Gain invaluable insights by visualizing your physical load and performance trends over time. Identify overtraining risks or dips in consistency, set ambitious targets, and track the long-term effectiveness of your training plan.



PLAYER RATINGS

Get your own unique game-like Player Ratings—personalized, objective scores that summarize your average physical profile. Evaluate your current strengths and weaknesses for targeted development strategy.



LEADERBOARDS

Compare your performance and ratings against top elites from your age group, your region, or around the globe on the Leaderboards. Improve your game, push your limits, and get a chance to be recognized for your dedication and skill.

FOOTBALL GAMIFIED



LEVELS

Grow your in-app levels and top the rankings while you strive to hit the best.

ACHIEVEMENTS

Keep a digitalized record of your football journey with various achievements.

SHARE

Share your stats, progress and highlights on social media and get ready to be seen.

HOW IT WORKS



MEASURE

Power on the INSAIT JOY trackers and pop them into the shin guards. INSAIT JOY automatically measures, processes and records stats.



ANALYZE

Sync your stats in INSAIT JOY app and access your personalized data analytics. Compare with teammates or top elites in your age group.



IMPROVE

Play smarter, optimize your training sessions and keep track of your stats as they improve game-by-game.

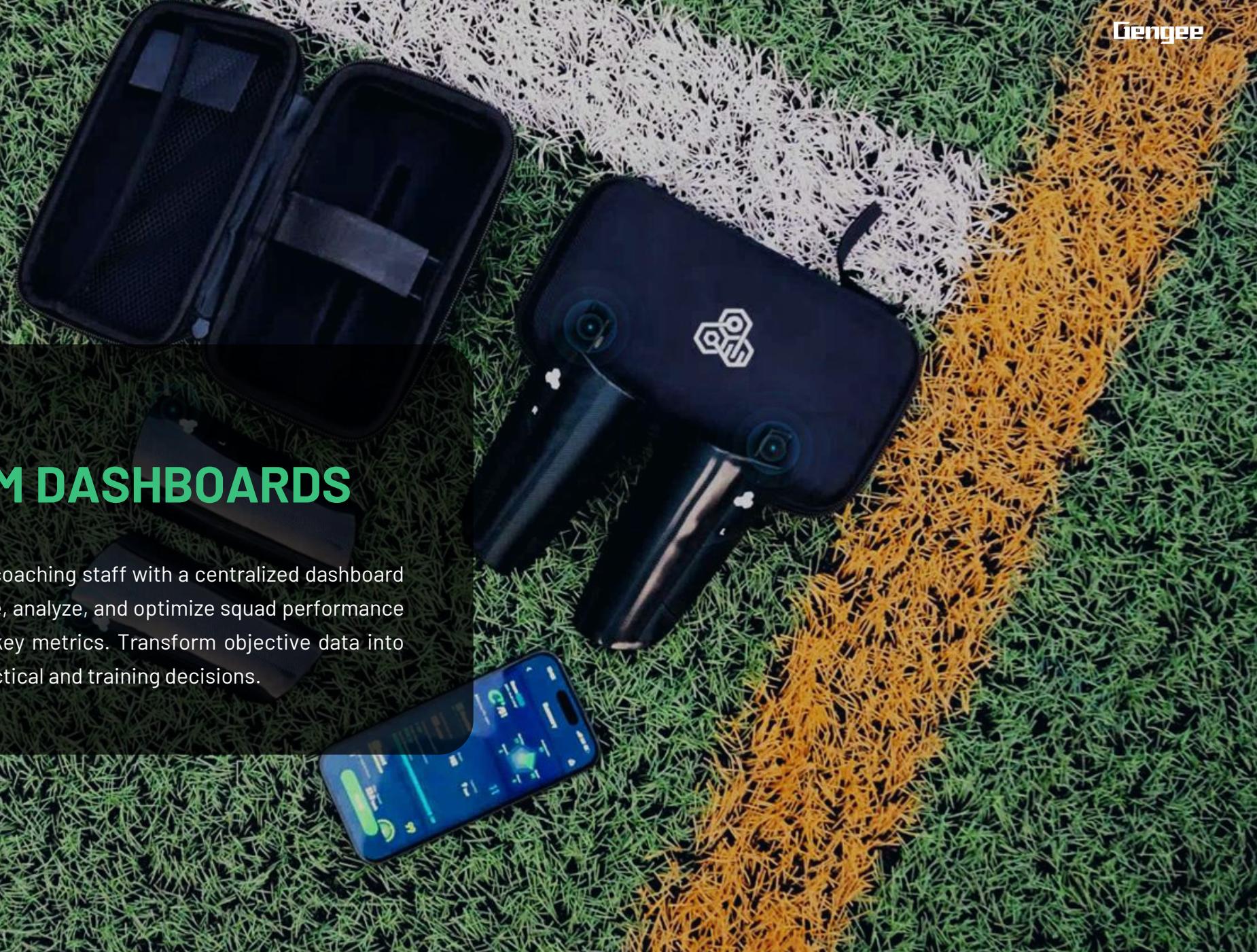


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TEAM DASHBOARDS

Empower coaching staff with a centralized dashboard to measure, analyze, and optimize squad performance across 18 key metrics. Transform objective data into winning tactical and training decisions.





CENTRALIZED & SIMPLIFIED MANAGEMENT

Manage all your teams, devices, and data seamlessly within the INSAIT JOY TEAM App. Automate communication by scheduling sessions to instantly notify players of upcoming training and matchday details via the individual INSAIT JOY app. Focus less on administration, more on coaching.

TWO WAYS TO SYNC YOUR SQUAD SESSIONS



COACH-LED

Coach manages, distributes and syncs all devices via INSAIT JOY TEAM, allowing same devices to be used by different players from different squads. Perfect for clubs that want to keep the devices at their control.



PLAYER-LED

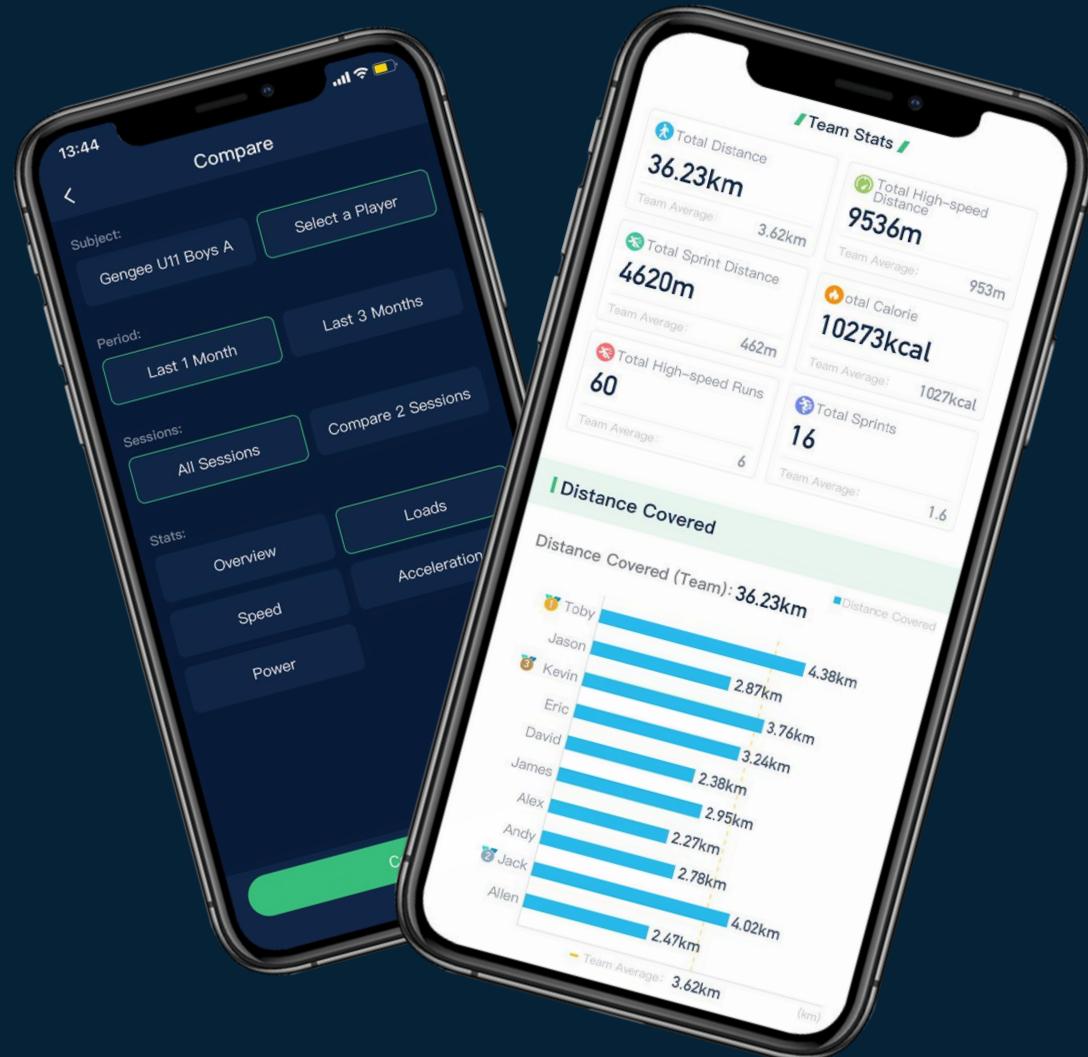
Players sync their devices with INSAIT JOY app and submit their session reports to the designated events. Perfect for situations when some players have their own INSAIT JOY Smart Shin Guards.

[LEARN MORE](#)

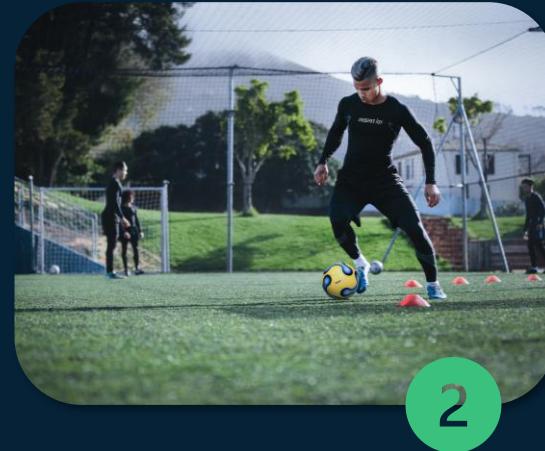
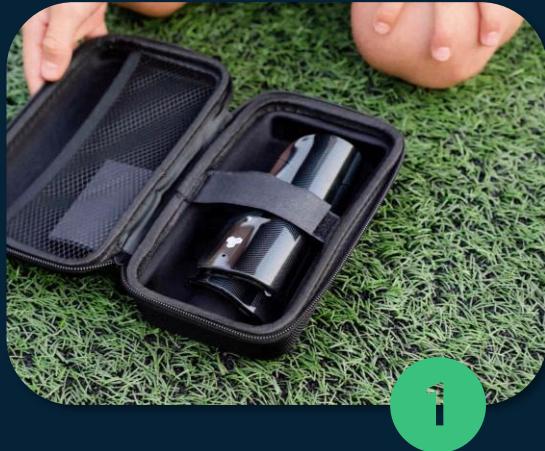
PERFORMANCE INSIGHTS

Gain deep insights into your squad's physical output during training or matches. Access 18 key metrics—including Distance Covered, High-Intensity Sprints, Top Speed, and Left/Right-Foot Usage—to objectively identify technical and physical areas for immediate improvement.

Measure, analyze and improve your players over time. View individual metrics, trends and compare your players to develop your team, manage your training loads and maximize squad performance.



HOW IT WORKS



MANAGE & INVITE

Manage your teams, devices, and sessions in the INSAIT JOY TEAM App. Easily invite players to register on the INSAIT JOY app and join the squad roster.

PLAY & MEASURE

The players train or play as usual while INSAIT JOY automatically and seamlessly measure all physical load and performance metrics.

SYNC & COLLECT

Sync up the team's data from the trackers after the session using the efficient Coach-led or Player-led bulk collection methods.

ANALYZE & OPTIMIZE

Access visualised data, trends, and comparison tools in the Team Dashboard to immediately identify areas for improvement and optimize future training arrangements.

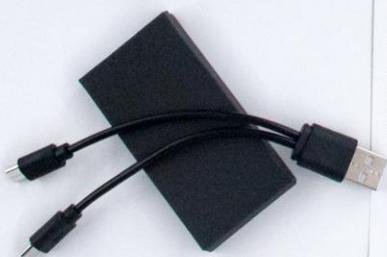
ZIPPER CASE



QUICK GUIDE



USB CHARGER



SHIN GUARDS



TRACKER



TECH SPECS



THE SHIN GUARDS

Manufactured by industry-leading shin guard suppliers, the INSAIT JOY shin guards adopt hard shield protective front plates and EVA backings to ensure maximum duration, impact absorption and comfort.

SIZE S

SIZE

14.3 X 5.7 CM

WEIGHT

39 G

SIZE M

SIZE

17.8 X 7.9 CM

WEIGHT

60 G

MATERIAL

PP, EVA

STANDARD

CE EN13061:2009

THE TRACKERS

A pair of AI-powered, ultra-light wearable trackers seamlessly inserted into and well-protected by shin guards, leaving players to focus on the game without a feeling of any foreign objects

SIZE AND WEIGHT

1.6 X 4.1X 0.6 CM / 4 G

BATTERY

LITHIUM BATTERY, 8H AFTER FULL CHARGE

MEASURE FREQUENCY

UP TO 100HZ, AVAILABLE FOR BOTH INDOOR AND OUTDOOR

ACCELEROMETERS

3-AXIS WITH MAXIMUM RANGE $\pm 16G$

GYROSCOPES

3-AXIS WITH MAXIMUM RANGE ± 2000 DPS

INGRESS PROTECTION

IP 65 WATER RESISTANT

STANDARDS

CE, FCC, IC



Empowering Players. Elevating the Game.

Sprints
29

Speed
32
Km/h

Distance
9.5
Km



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