



The Future of Health Monitoring





Notes:





H2TRAIN

Intelligent Assisted Sport Coaching



The IASC solution combines edge-to-cloud, AI, and digital twin technologies to deliver a ecosystem of IoT based wearables for real time monitoring of several physiological data for sport coaching.



Remote Support

Tracks athletes' health and performance through wearable and sports equipment sensors



Wearable Sensors

provide real-time health and performance monitoring through AI-driven data analysis



User Apps

Offers tools for athletes and professionals to access data, alerts, and performance metrics



Integrated Analysis

Centralizes data processing for both individual and team performance evaluation

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Remote Assisted Living

Our solution uses edge-to-cloud, AI, and digital twin technologies to enhance elderly care. By providing data-driven insights, it reduces hospitalisations ensuring at the same time a efficient emphatic integrated approach with patients, with a user-friendly app which is easy to use for everyone.



Remote Monitoring

Track vital signs, sleep, and physical activity with IoT sensors



Wearable Sensors

provide real-time health and performance monitoring through AI-driven data analysis



Integrated Care

Facilitates data sharing for real-time analysis by medical specialists



User-Friendly App

Allows elderly users to view data and connect with caregivers

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Clinical Monitoring

The Clinical Monitoring system integrates standard equipment and sensors in post-surgery and rehab settings for comprehensive patient data collection, cardiac monitoring and diabetes monitoring. The system shall allow continuous monitoring of vital signs (R-R, HR, glucose) with minimal disruption to daily activities.



Holistic Approach

Connects edge computing devices to a centralized system for real-time data processing



Wearable Sensors

provide real-time health and performance monitoring through AI-driven data analysis



User Application

Provides a user-friendly app for real-time data, alerts, and key performance indicators

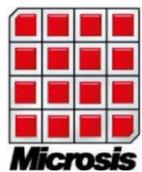
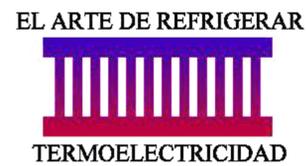


Team Integration

Enables real-time data analysis by specialists from multiple team members

Partners

The H2Train project features top-tier companies and academic institutions from all over Europe.





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