



SmarKo Health®

MCS Data Labs

Celin Mousa



COMPANY PROFILE

Who We Are

- We Make Complexity Simple (**MCS**) by transforming real-time health and environmental data into actionable intelligence

Core Business Focus

- **SmarKo® Health**, an AI-powered health ecosystem designed to capture, process, and interpret real-time and raw data for smarter decisions and enhanced health monitoring
- Our flagship product: proprietary **SmarKo® ecosystem** encompassing:
 - ✓ Hardware
 - ✓ Software & Full-Stack Integration
 - ✓ Mobile + Desktop App
 - ✓ AI-Driven Algorithms
- **Proven Track Record in R&D** – Leading European and national research projects
- SmarKo® Health supports **personalized and proximate health solutions, clinical research, and real-time patient monitoring**



THE PROBLEM STATEMENT

The Challenge:

Fragmented Health Monitoring & Limited Real-Time Insights

Existing Solutions & Their Limitations:

- ✗ Lack of Data Transparency – Black-box systems
- ✗ Limited Accuracy & Availability
- ✗ Siloed & Accessibility
- ✗ Data Privacy & Sovereignty Concerns

The Solution: SmarKo® Health

SmarKo® Health is a fully transparent, AI-powered health ecosystem that provides:

- ✓ Real-Time and Raw – White-box systems
- ✓ Personalized Monitoring and Clinical trial support
- ✓ Customizable & Interoperable
- ✓ Data Privacy & Sovereignty

TECHNOLOGY OFFER

SmarKo® Health Ecosystem

is an AI-driven health ecosystem designed to capture, process, and interpret real-time biometric and environmental data. It directly addresses the limitations of fragmented health monitoring, lack of data transparency, and limited disease-specific insights

- ✓ White-Box Approach
- ✓ Customizability
- ✓ Interoperability
- ✓ Real-time and Raw data
- ✓ Data Privacy & Sovereignty
- ✓ Clinically supported

Future Applications & Market Potential

- Telemedicine & Remote Patient Monitoring
- Clinical Trials & Research
- Wellness & Personalized Health
- AI-Powered Preventive Healthcare
- Proximate Healthcare

Pilot cases: EU + National Projects

- ◆ DECIDE 
- ◆ AI-DAPT 
- ◆ Comfortage 
- ◆ Relevium 
- ◆ And much more...



SMARKO[®]
health

CHARITÉ
UNIVERSITÄTSMEDIZIN BERLIN



miracum
Medical Informatics in Research and Care in University Medicine

Fraunhofer
IOSB-INA

Freie Universität
Berlin

JG|U UNIVERSITÄTSMEDIZIN.
MAINZ

Bundesministerium
für Bildung
und Forschung

Bundesministerium
für Wirtschaft
und Klimaschutz



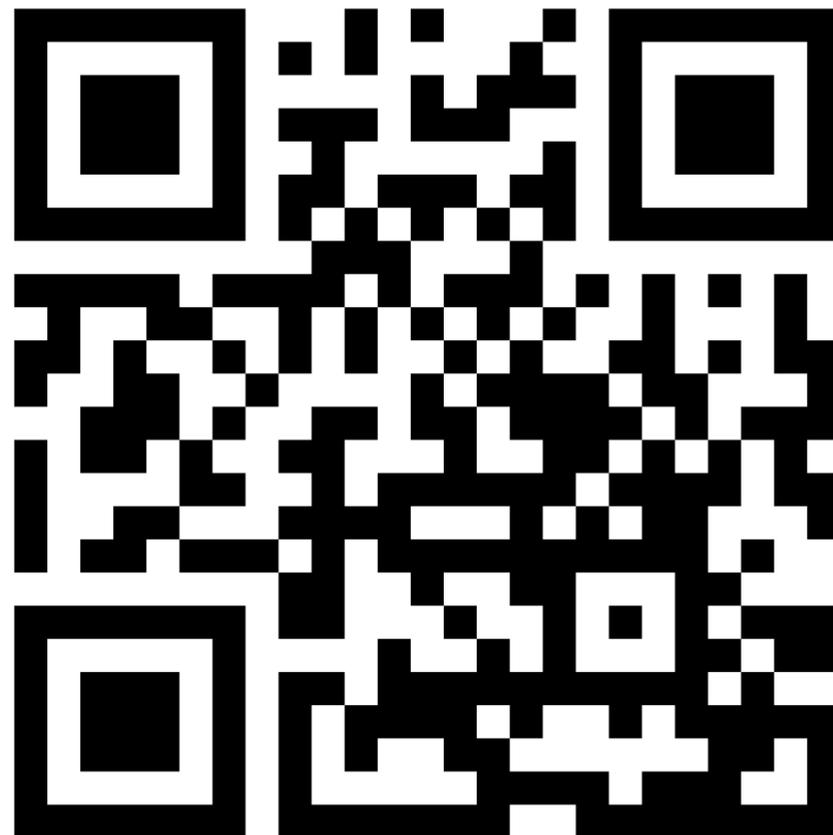
MODE OF COLLABORATION

We are seeking **business partnerships and co-investment opportunities** to accelerate the adoption and expansion of **SmarKo® Health**.

- For partnership discussions, please contact:

 celin.mousa@mcs-datalabs.com

 <https://mcs-datalabs.com/>



TEKTiTE2025