

Telehealth Solutions

Transforming chronic disease management through advanced remote monitoring

The healthcare sector faces unprecedented challenges with rising chronic disease rates and increasing system pressures. Through the innovative HerzMobil program, the AIT Austrian Institute of Technology and Telbiomed have developed a groundbreaking telehealth solution that revolutionizes chronic heart failure management. This digital health initiative, fully integrated into Austria's healthcare system since 2017, demonstrates how technology can enhance patient care while optimizing healthcare resources.

How it works

The HerzMobil telehealth program provides a comprehensive remote monitoring solution for chronic heart failure patients. Through advanced digital technology, the system enables continuous patient monitoring and real-time data sharing between patients and healthcare providers. Healthcare professionals can access vital patient data instantly, allowing for early detection of health deterioration and timely intervention. The solution seamlessly integrates into existing healthcare workflows and infrastructure, ensuring efficient adoption and implementation across different healthcare settings.

The Big Picture

In an era where healthcare systems worldwide face mounting pressures from aging populations and increasing chronic disease prevalence, innovative digital solutions are crucial. HerzMobil represents more than just a technological advancement – it's a paradigm shift in healthcare delivery. By reducing hospital readmissions, improving treatment adherence, and optimizing resource utilization, the program demonstrates the transformative potential of digital health solutions. Its success in Austria serves as a blueprint for broader telehealth adoption across Europe, showing how technology can make healthcare more accessible, efficient, and patient-centered while maintaining high quality standards.

Quick Facts

- Solution area: **Technological innovation**
- Administrative level: **District, State**
- Solution process: **Digitization and technology, Health and care**
- Technology: **Information technology, Platform technology**