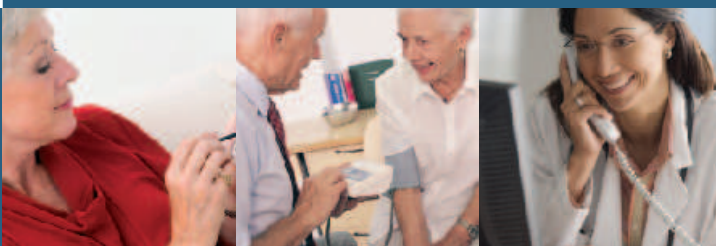


Telemonitoring *simple and secure.*

- Intelligent solutions for the transmission of vital data
- Flexible and scalable
- Reliable and tested
- Highest data security



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Telemonitoring – *advantages for all involved.*

Telemonitoring as a key technology.

With growing life expectancy and the constant increase of lifestyle diseases, more and more people worldwide require long term medical care. This presents health care systems with an enormous challenge. Telemonitoring is a key technology for solving this problem.

Today we can provide people with devices that measure, document and transmit important health parameters, for example: heart rate, blood pressure, glucose, weight and physical activity, according to clinical pictures and health aims. With our tele-monitoring devices, long term recording is possible in everyday situations. The data is transmitted directly to a monitoring center or to the doctor. There, the current values are available for assessment and as a basis for care.

Aipermon provides the necessary technical functionalities, making it simple and secure for all involved. We invite you to familiarize yourself with our intelligent concepts and make use of them with us.

Sincerely

Dr. Thomas Schweizer

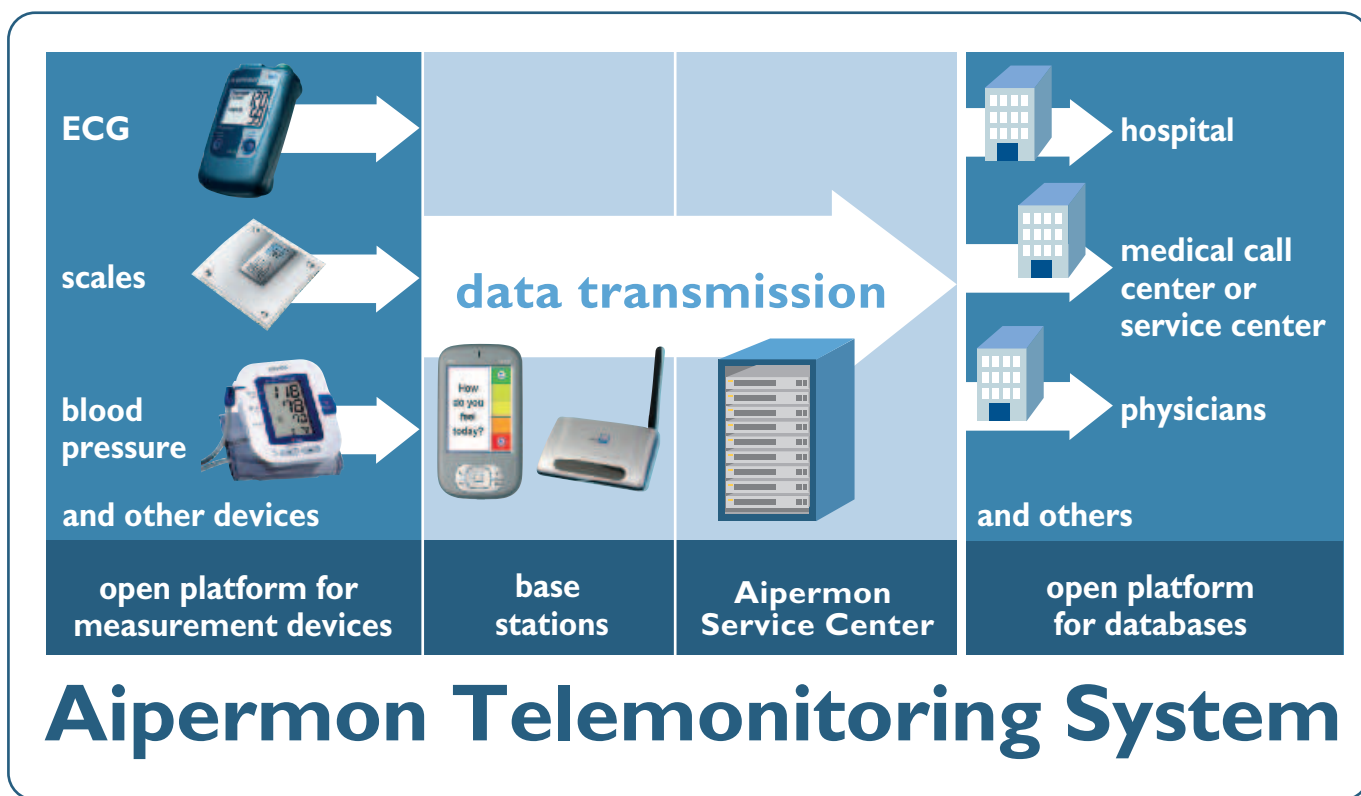


Dr. Thomas Schweizer
CEO
Aipermon GmbH & Co. KG

Aipermon Telemonitoring – *easy to use.*

Aipermon telemonitoring systems are distinguished by ease of installation. Our devices do not require configuration, and are immediately ready for use. The transmission of data takes place automatically, as soon as the measurements are taken by the patients.

Measurements are recorded at the Aipermon Service Center, where they can be accessed by the relevant doctor, hospital, medical call center or coaches.



The needs of the future – *available today.*

Customers expect their future systems to be flexible, modular and reliable. We already implement these criteria today.

Flexible.

Aipermon offers an open platform for the implementation of various measurement devices. We cooperate with well-known manufacturers. We have integrated devices by companies including *Omron, Schiller, Seca* and *Pari*. Devices by other manufacturers can be integrated to our telemonitoring system at short notice according to customers' needs. Furthermore, the Aipermon telemonitoring platform can be connected to various databases and hospital information systems for data assessment.

Modular.

The number of different measurement instruments, the transmission platform, the data transfer as well as the graphic presentation and assessment requirements vary with each telemonitoring project.

Our offers range from the integration of existing devices, to complete systems including measurement devices, as well as transmission and presentation software for the customer.

Secure.

Patients' data and medical measurements are highly sensitive, and must be handled confidentially. The high-security concept developed by Aipermon especially for these requirements encompasses every integrated component and transmission network, from patient to coaches.

The complex security measures of our system reach the level of electronic banking, and thereby warrant the trust of patients and users.


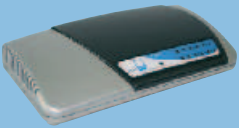




For every purpose – **telemonitoring modules.**

Base stations

The central unit of a telemonitoring system at home is the base station. It receives measurement data, manages them and automatically sends it to the central Aipermon Service Center.

The choice of base station depends upon the intended use and the availability of telephone, mobile phone or internet connection at the patient or user.

Base stations	Connection	Particular advantages
Homebox 300 HB 	Analog phone connection	<ul style="list-style-type: none"> ■ Simple, inexpensive solution ■ Flexible and remotely configurable ■ Wireless, fully automatic data transfer for up to 100 m
AiperBase 400 IP 	Internet router Internet protocol	<ul style="list-style-type: none"> ■ Flexible remote configuration ■ Wireless, fully automatic data transfer for up to 100 m ■ Repeater available for distances over 100 m
MMA 400 	Mobile phone connection	<ul style="list-style-type: none"> ■ Special PDA with software optimized for seniors for remote care via telemonitoring ■ Wireless, fully automatic data transfer ■ Highly flexible mobile solution for highest demands ■ Bidirectional communication with transferable measurement time table or medication reminder and input option ■ Repeater available for distances over 100 m
AiperDoc 400 	Web-enabled PC with USB	<ul style="list-style-type: none"> ■ Inexpensive PC and software solution ■ Fully automatic data reception and forwarding immediately upon connection

A wide selection – *our system components.*

Measurement devices

Various measurement devices from different manufacturers can be connected to the Aipermon system.

The existing telemonitoring platform already includes devices such as:

- ECG
- Blood pressure meter
- Glucose measuring instrument
- Vaporizer (atomizer)
- Activity sensors (optionally with digital nutrition protocol)
- Scales (with or without body fat)

Measurement devices with other functions such as oxygen saturation and temperature can quickly be integrated.

Infrastructure

Aipermon Service Center provides central data management for all active telemonitoring systems.

It meets the highest security and reliability requirements.

The transfer of data takes place according to the system applied by the customer – e. g. a patient record or a medical database. If the customer's system changes, the Aipermon Service Center (ASC) can quickly and flexibly be adapted to the user's requirements.

Components

AiperTransfer for connection to existing devices

Using the AiperTransfer device, any measurement data stored on a SD card can be read and transmitted to a base station. The device can be used e. g. in conjunction with standard ECG devices that store measurement data on a SD card.



AiperMonitor software to present data to the customer

Using the PC software AiperMonitor, the doctor or coach can access a patient's data and present it graphically. AiperMonitor chart activity, weight, blood pressure, glucose, insulin and sensitivity data in days, weeks, months and long term graphs. Summaries, averages and trends can be viewed. Every graph can be commented upon and printed.



Future technology – *with broad applications.*



Telemonitoring – applications in all fields.

As a future technology, telemonitoring will find increased use wherever people need sustainable, continuous medical care within their day-to-day home environment.

Fields of application include

■ **Prevention**

- Continuous observation of vital values
e. g. blood pressure, physical activity, weight, etc.
in order to attain a stabilized state of health
- Day-to-day activity programs for
people with health issues

■ **Chronic diseases**

- heart insufficiency, hypertonia, obesity,
metabolic syndrome, diabetes
- Support for disease management
programs (DMP) through holistic
and integrated treatment

■ **Hospital aftercare**

Daily measurement of vital data for
stabilization of health

■ **Rehabilitation**

Sustainability programs in a home environment
following or concurrent with treatment

■ **Homecare**

Monitoring of care-dependent people

Flexible monitoring – *for diverse clinical pictures.*

Improved long term care through telemonitoring.

Telemonitoring will be used increasingly for long term care and improving the state of health.

We have already shown successful implementation in the treatment of:

- Heart insufficiency
- Hypertonia
- Obesity
- Type II diabetes
- Metabolic syndrome
- COPD
- High risk pregnancies



Reliable systems – **successfully implemented.**

Competence through experience.

The structure of our system is conceived to be expanded and extended to include larger numbers of patients and participants.

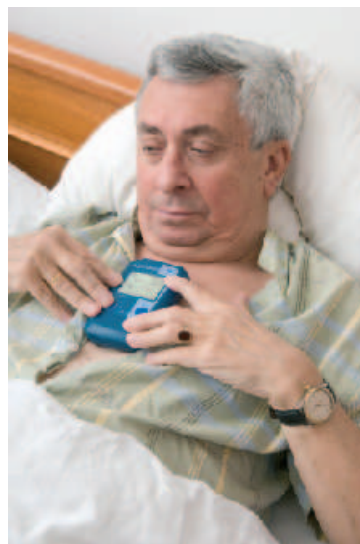
Aipermon's telemonitoring solutions are in use for the treatment of a broad variety of clinical pictures at numerous medical call centers and hospitals in various countries. They are used by an ever increasing number of participants.

The example of: Heart insufficiency

Multicenter study: "Partnership for the Heart" under the direction of Senior Physician Dr. med. Friedrich Köhler, Charité Berlin (Germany).
Further project partners: Telemedicine Center at the Charité Berlin, Robert Bosch Hospital, InterComponentWare AG, Robert Bosch GmbH.

Diabetes and obesity

Medical intervention studies with telemonitoring implementation for over four years regarding obesity and diabetes under the direction of Prof. Dr. med. Dipl. chem. Claus Luley, Otto-von-Guericke University Magdeburg (Germany).



Our expertise – *your safety.*

Excellent technology, excellent concepts.

The decisive resource is our team of highly qualified engineers. Their expertise and experience have made us a market leader for data security, data transmission and encoding technology.

We have special expertise in wireless, flexible connection of measurement instruments, regardless of the manufacturer and specific to customers' needs.

For optimal use of the new technology we work according to the following principles:

- The system configuration is simple – mostly with zero-button operation.
- The special needs of older generations are taken into account in the conception of operation and handling of the systems.
- Our processes are subject to a quality management system, which guarantees strict adherence to our quality criteria, leading to continuous improvement of the process.
- Aipermon has been certified in accordance with ISO 9001 and ISO 13485 since 2005.

Aipermon's solutions have already been awarded several prizes:

- „Innovation prize mobility medium sized businesses“ Award, 2006
- Special prize T-Systems 6. ESNC competition, 2009: concept for remote observation of seniors and handicapped people in homecare with AiperCare



Aipermon telemonitoring – **„Made in Germany – used worldwide“.**

- Easy handling
- Highest security
- Universal for all electronic patient records
- Open platform for measurement devices
- Scalable systems



About Aipermon.

Aipermon develops and produces intelligent activity monitoring and telemonitoring systems. Feel free to ask for more information about our concepts for activity, monitoring and coaching.



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