



Development of software & health apps as medical devices
for mobile applications, internet portals & desktop PC

Medical software for patients and doctors

1 WHAT?

With the **development of highly integrated, mobile, and compatible treatment and therapy systems** for the healthcare industry, SINOVO health solutions supports patients in monitoring, managing and improving their health.

We focus on the best possible results for users: we develop solutions that enable them to make **quick decisions, optimise treatments, improve their well-being, and save costs.**

Nowadays, more and more people are using **health apps** to manage their well-being and health. Doctors, hospitals, pharmaceutical companies, and device manufacturers should therefore prepare themselves for the **demand for medical software**

and apps for smartphones, tablets and PCs if they want to continue to be of interest to their patients in the future.



OUR VISION: BETTER CONNECTIVITY, CARE & HEALTH

HOW?

The healthcare industry is experiencing an era of change. New technologies and services will be required to achieve better outcomes for patients, carers, doctors, and medical device manufacturers. SINOVO is **at the forefront of this digital evolution.**

SINOVO develops certified software and designs new diagnostic and therapy systems that help patients and healthcare professionals in the **prevention, control, and treatment of chronic diseases.**



INTER- OPERABILITY IN MEDICINE FOR BETTER PATIENT CARE

We also design essential connectors that make healthcare smarter. Intelligent networks expand access to healthcare data and bring patients and healthcare professionals closer together at the same time.

SINOVO provides the healthcare industry with the advice, technology and support it needs to bring new solutions to market and help people achieve better health.

2 Our „SINOVO Connection Center“ is an important software solution for data interoperability. It provides a data connection between different applications.

Interoperability is the basis of digitalisation and only works if data can be securely exchanged between devices, portals, software solutions, clouds, and databases. Our module, which we use as a manufacturer for various **healthcare portals**, can be a solution here.

It supports doctors and patients in reading and managing their data from around **350 medical devices and data interfaces** such as blood glucose meters, insulin pumps and blood pressure monitors.

The Connection Center is therefore an important building block for data interoperability in the treatment of chronic diseases.

The Connection Center forms a **bridge between medical device manufacturers and health portals** (e.g. for Roche, LifeScan, CompuGroup, TELUS Health, Alberta Health).

Once patients have created an account with a health portal, they can download the Connection Center app from the Internet, install it on their PC and import data. They can then grant doctors or carers access to their data.

Many and diverse reference projects for medical software

HEALTH
SOFTWARE BY
SINOVO HEALTH
SOLUTIONS

Form your own opinion about our range of services!

A detailed insight into our capabilities is best gained by examining our completed projects and proprietary products. Here, we showcase some outstanding reference projects.

Documentation for the Ruma marker app

The Ruma marker app digitalises the drug and doping control process. The documentation for the app was created by SINOVO.

MyLife therapy management for Ypsomed

myLife is a therapy management system for **viewing and analysing diabetes therapy data**. myLife therapy management consists of the myLife software, the myLife app and the myLife cloud.

PDM One for Roche

The **interoperable PDM One platform** for quality-assured treatment steps in patient care brings together data from the patient's therapy management system and medical information systems and provides a complete data basis for **efficient treatment decisions and processes in the doctor's practice**.

SiDiary – Diabetes management software for diabetic patients

SiDiary is SINOVO's own software and is suitable for **all types of diabetes**. The diabetes management software is available as an **app, PC and online version**.

SiDiary Professional – Medical office software for diabetes documentation & analysis

SiDiary Professional, SINOVO's own software, is a medical office software for diabetes documentation and analysis for **medical offices, diabetologists and clinics**.

Advice Device – „Navi“ for diabetic patients

AdviceDevice is an app. It supports **type 1 diabetic patients with their insulin pump therapy** by making specific therapy suggestions. The app is a joint project with the Diabetes Village Althausen and SINOVO.

HOW?

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WHY?

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Certified quality management system according to ISO 13485.

The ISO 13485 standard defines the minimum requirements for the design and development, production, storage and maintenance of medical devices and the provision of accompanying services. **The standard is mandatory for medical device manufacturers.**



11 STRONG ARGUMENTS FOR A PARTNERSHIP WITH US

1 Almost 20 years of experience

Collaborate with SINOVO, your experienced partner with outstanding practical knowledge in the medical sector.

2 App development

App development for smartphone (Android, iOS), tablet (iOS, Android, Windows), desktop (Windows, Mac OS, Linux) & interface programming (e.g. NFC, Bluetooth, USB).

3 Development of multilingual apps

21 languages, including English, French, German, Italian, Russian and Spanish. On request, we can implement any other language for a customer project.

4 Creation of diverse medical software

SINOVO has marketed its own medical software products and developed software and web portals as medical products for various applications and customers.

5 Expert in interface programming for interoperability in medicine

In medicine, many electronic devices are used that cannot „talk“ to each other, i.e. exchange data. However, interfaces, i.e. „electronic connection bridges“, between the devices make this possible. SINOVO is an expert in programming interfaces to enable interoperability in medicine.

6 ISO 13485

Development of medical software in accordance with the highest quality standards, as our quality management system is certified in accordance with ISO 13485.

7 CE labelling

CE conformity in accordance with the quality management specification in order to be able to distribute medical software in Europe.

8 MDR

Technical documentation in accordance with the Medical Device Regulation.

9 FDA

Software development in accordance with the Code of Federal Regulations (CFR), Title 21, of the US Food and Drug Administration (FDA).

10 GDPR-compliant

- GDPR-compliant thanks to secure data encryption and encrypted data transmission.
- Data storage in strictly secured data centers in the EU in accordance with European directives.

11 Trend technologies

We offer state-of-the-art software development, including big data, the Internet of Things, serverless apps, cloud services, bots, deep learning, artificial intelligence (AI) and block-chain technology.

At a glance: Services, your advantages & contact persons



COMPANY NAME & LEGAL FORM:
SINOVO health solutions GmbH

HEADQUARTERS: Bad Vilbel, Germany
YEAR FOUNDED: 2005
NUMBER OF EMPLOYEES: >80

CUSTOMERS: Medical device manufacturers, pharmaceutical companies, IT companies, health care professionals, associations

PRODUCTS (EXCERPT):

- Customised development of health apps, wearables and DHA (digital health applications) as highly integrated, cross-platform mobile therapy and treatment systems in the health-care sector
- SiDiary – sidiary.de
- AdviceDevice – advicedevice.de

DEVELOPMENT OF SOFTWARE, HEALTH APPS, WEARABLES & DHA AS MEDICAL PRODUCTS FOR MOBILE APPLICATIONS, INTERNET PORTALS & DESKTOP PC

SINOVO develops superior software technology and designs new diagnostic and therapeutic systems that help patients and healthcare professionals to prevent, monitor and treat chronic diseases. Our focus is on the best possible results for users: **We develop solutions that enable quick decision-making, optimized therapies, greater well-being, and cost savings.**

MULTILINGUAL APPS

Bosnian, Catalan, Croatian, Czech, Danish, English, Finnish, French, German, Greek, Hebrew, Italian, Maltese, Polish, Portuguese, Russian, Swedish, Slovakian, Spanish, Thai, Turkish.



WHO?

CONTACT & POINT OF CONTACT

YOUR CONTACT PERSONS

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