Comarch Healthcare

(R)evolutionary approach to e-Health

About us

Comarch is an international company with over 30 years of global experience.
We provide IT services tailored to the needs of various sectors, including healthcare.

Our product portfolio features telemedicine systems, medical facility management software, remote healthcare solutions, and our own medical devices.
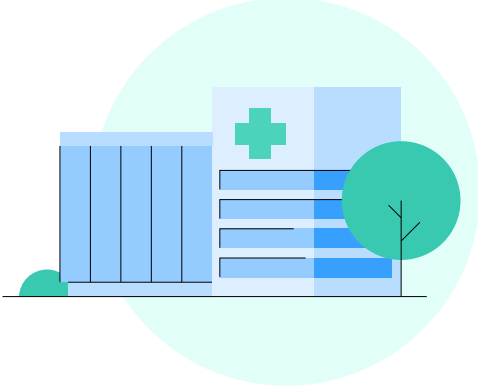
These integrated solutions improve the quality of healthcare services, streamline administrative workflows, and provide strong support for patients, their families, and healthcare professionals.
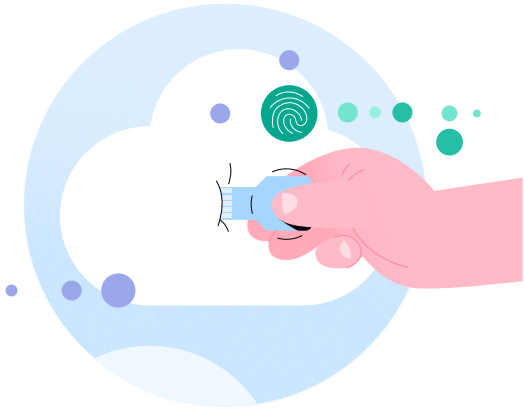
Our key solutions:

Remote medical care products

Software for various medical facilities
and related entities

Electronic health record & mobile
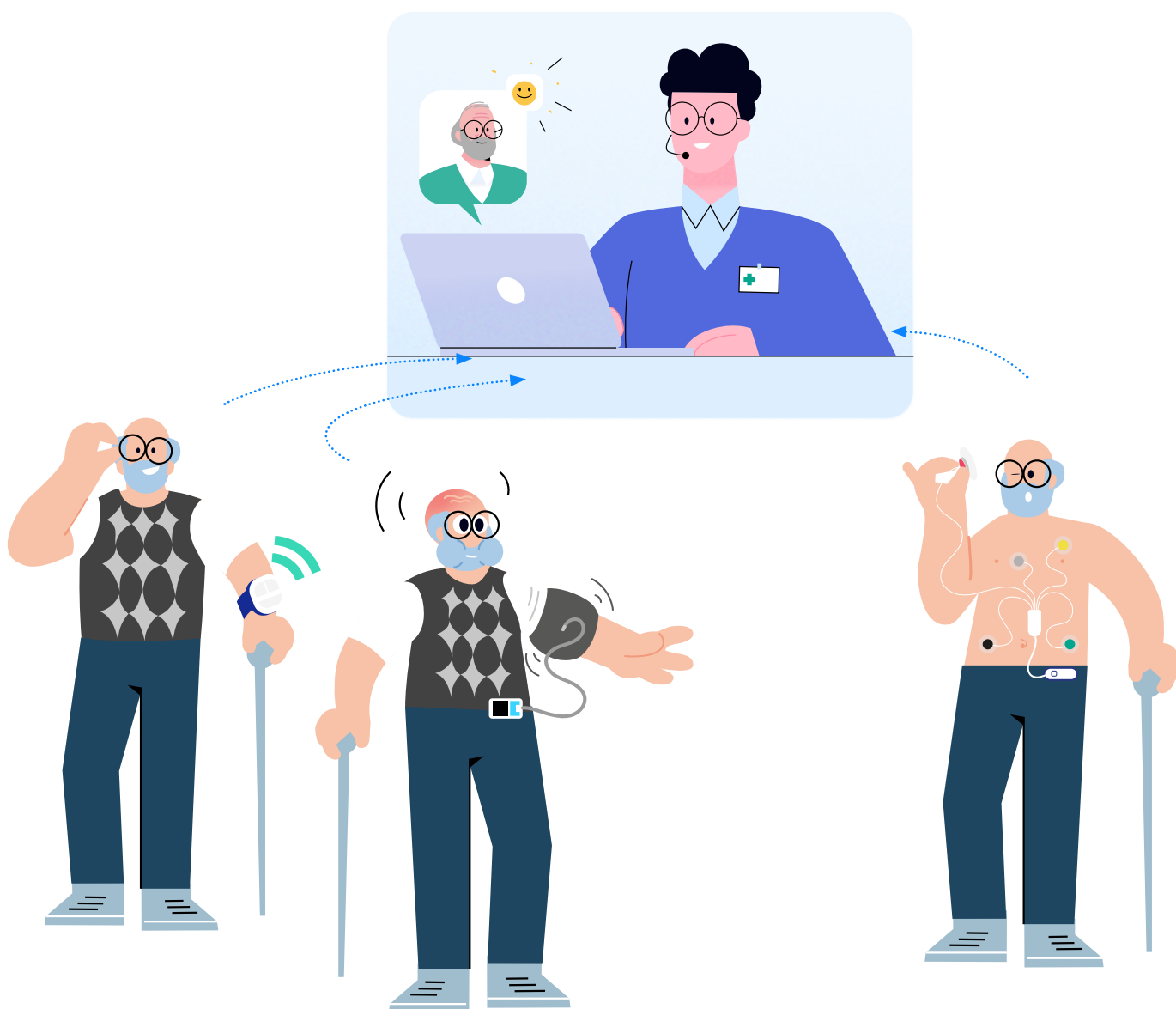applications

Medical cloud solutions

Remote medical care products

Comprehensive telemedicine and telecare solutions for various types of patients.

Telemedicine and telecare

Telecare, as a form of remote medical care, is an excellent approach to extending independence and ensuring safety for seniors, individuals with disabilities, and those with chronic illnesses. Numerous development programs, both national and European, provide financial support to local government units looking to implement modern medical services in their regions. The benefits of telecare include preventing social exclusion, providing rapid medical assistance in emergencies, creating additional job opportunities, and enhancing the quality of life for patients and the elderly. The telecare system can be precisely tailored to the client's needs and capabilities, ranging from the devices used (such as Comarch WristBand, Comarch HomeHealth 2.0, or cardiological products) to the health monitoring unit (either the Remote Medical Care Center or a local healthcare facility).

Comarch Diagnostic Point

Comarch Diagnostic Point is a solution designed for a quick and easy health screening. It consists of medical sensors and software that enable the measurement of the user's basic health parameters. The Diagnostic Point is available in stationary and mobile forms. The **stationary form** allows patients to perform basic tests independently at any time and place, ideal for settings like municipal offices or senior centers. The **mobile form** is perfect for nursing homes, community nurses, or even airplanes.

Within the framework of Diagnostic Points, tests can be conducted:

- **Independently in basic mode**, including blood pressure, oxygen saturation,weight with body composition analysis, 1-lead ECG, temperature, and grip strength.

- **With the assistance of medical personnel in extended mode**, including the use of a dermatoscope, otoscope, stethoscope, spirometer, and 12-lead ECG. Patients can also complete medical questionnaires to provide essential health information and schedule video calls with doctors for further consultations.

COMARCH
WristBand

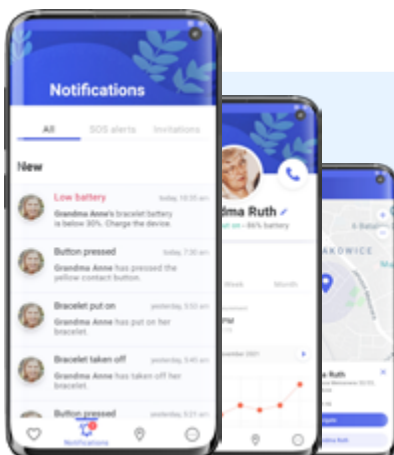|		
Monitoring by the user's family	Monitoring by the local medical unit	Monitoring by the Comarch Telecare Center

Comarch WristBand

Comarch WristBand is a comprehensive telecare solution for seniors, individuals with disabilities, or those with chronic illnesses. With this device, patients can access telecare services 24/7. It enables two-way communication, precise location tracking, and heart rate monitoring. Users can be monitored in three ways: by family members (using an app), by the local medical unit (through **the Comarch e-Care 2.0** platform), or by the Comarch Telecare Center.

Comarch WristBand Pocket is a compact alternative to the WristBand. This device allows for quick contact in case of emergencies and monitors basic activities and location of seniors. The keychain includes all the features of the WristBand, except for the heart rate sensor, fall detection, and inactivity alerts.
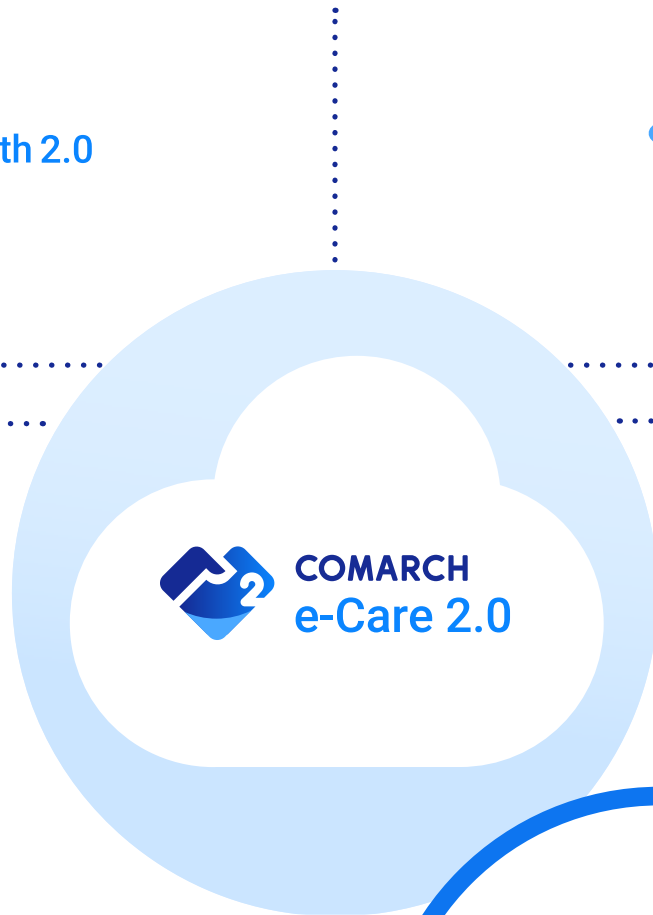

The application dedicated to caregivers of users utilizing **the Comarch WristBand** provides convenient access to data collected by the wristband, including the user's location, activity, and heart rate, while also creating a community for caregivers by allowing the sharing of the user's profile. From the app, caregivers can manage device settings, such as changing contact numbers or adjusting the wristband's volume, as well as call the user directly. Most importantly, the app displays notifications in emergency situations, such as when the SOS button on the wristband is pressed. This allows caregivers to respond much more quickly and summon appropriate assistance.
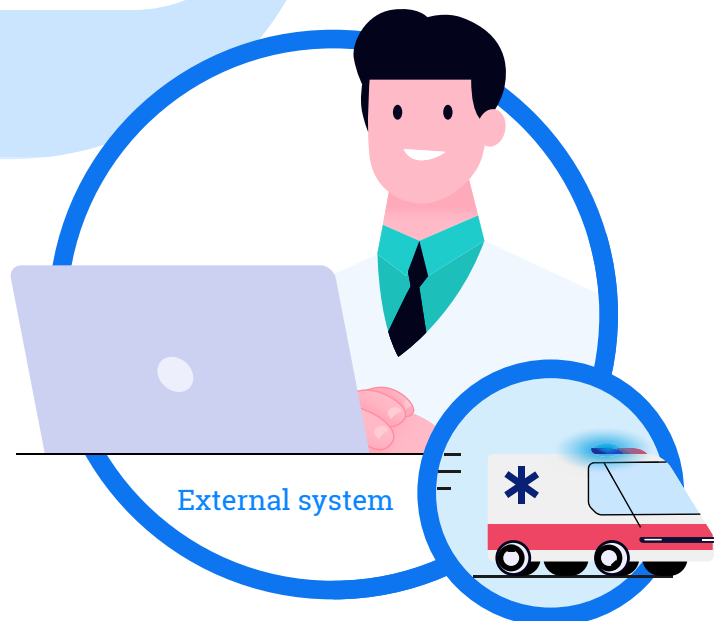
COMARCH
e-Care 2.0

Telemedicine platform for healthcare professionals.

The Comarch e-Care 2.0 telemedicine platform is an intuitive tool that allows you to collect, process and analyze data collected from many types of measurement devices. The platform allows remote monitoring of patients' health status, as well as supporting medical staff in the implementation of established procedures and analysis of medical data.

COMARCH
CardioNow Lite

COMARCH
HomeHealth 2.0

COMARCH
Sleep Polygraph

COMARCH
e-Care 2.0

COMARCH
Diagnostic Point

COMARCH
WristBand

FHIR

External system

The platform can also be integrated with measuring devices that a given institution uses on a daily basis during the examination of patients, e.g., a blood pressure monitor, thermometer, pulse oximeter, etc.

COMARCH
HomeHealth 2.0

Comarch HomeHealth 2.0 is a mobile application that can operate in two modes:

- for the patient for home use, which enables remote care of the patient outside the medical facility,
- and for the professional user (medical staff),as a tool supporting everyday work and care of the patient.

The application is integrated with measuring devices, with the help of which patients can perform measurements of basic vital parameters. The set of measuring devices can be configured according to the individual needs of the patient, e.g. for patients with respiratory issues or those diagnosed with diabetes. This solution also supports ongoing pharmacotherapy, allows for early detection of concerning symptoms, and evaluates the progress of treatment.
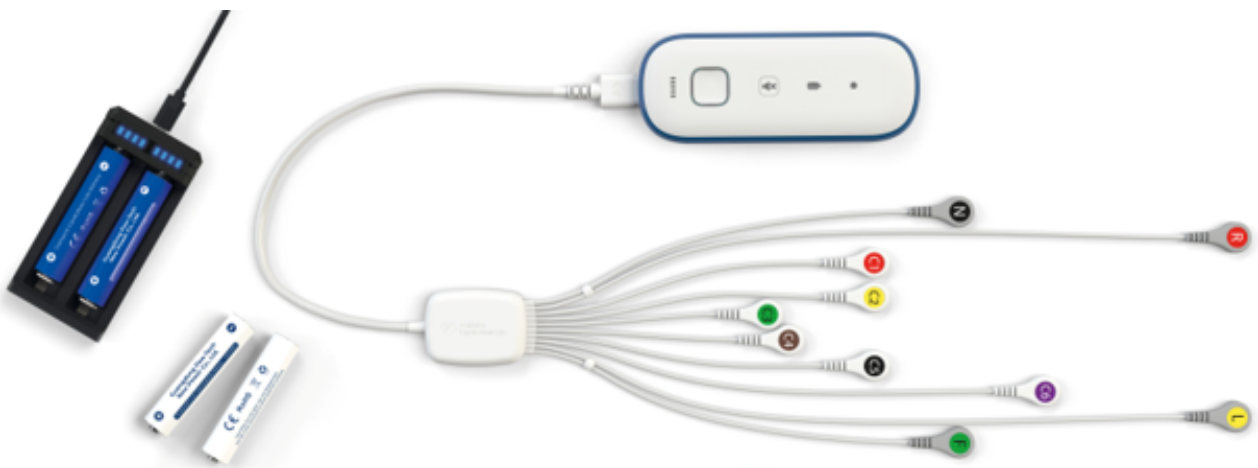
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This is a medical device. Use it according to the instructions for use or label.

COMARCH
CardioNow Lite

The certified medical product **Comarch CardioNow Lite**, along with its accompanying software, offers a comprehensive solution for delivering Holter and TeleHolter services without the need for patient hospitalization, as well as Holter services within a hospital environment (excluding intensive care units). The entire recording from the examination can be transmitted wirelessly to the **Comarch e-Care 2.0 platform**, allowing the examination to be interpreted before the device reaches the medical facility.

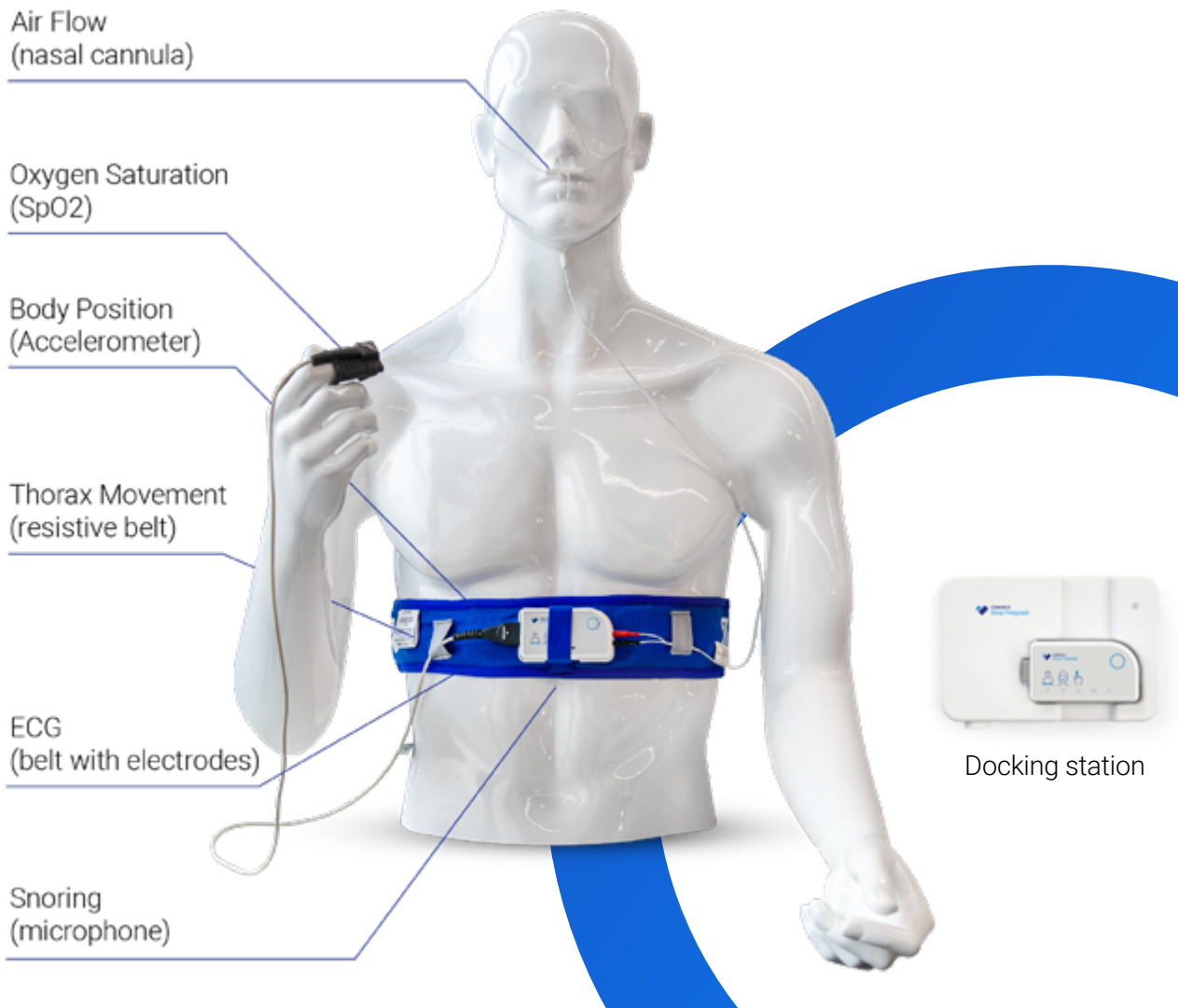CardioNow Lite is **one device with three solutions** designed to meet diverse diagnostic needs.

The device is available in:
- a 5-electrode option
- a 10-electrode option
- and as a long-term monitoring belt.

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COMARCH
Sleep Polygraph

The certified medical device, **Comarch Sleep Polygraph,** is a safe and convenient solution designed for diagnosing sleep apnea, a condition often associated with elderly individuals, chronically ill patients, and people with obesity. The product allows for an easy overnight examination while the patient sleeps. It consists of a thoracic belt with built-in ECG electrodes, a pulse oximeter, and a nasal cannula. The device records and transmits measurement data to a telemedicine platform, where it is then analyzed by artificial intelligence algorithms, ensuring accurate diagnosis.

Air Flow
(nasal cannula)

Oxygen Saturation
(SpO2)

Body Position
(Accelerometer)

Thorax Movement
(resistive belt)

ECG
(belt with electrodes)

Snoring
(microphone)

Docking station

The Comarch Medical Analysis Platform (CMAP) is an analytical platform that uses artificial intelligence and machine learning algorithms to analyze ECG signals and data transmitted by the Comarch Sleep Polygraph device. The algorithms process vast amounts of data, automatically detecting and marking any abnormalities.

COMARCH
CMAP

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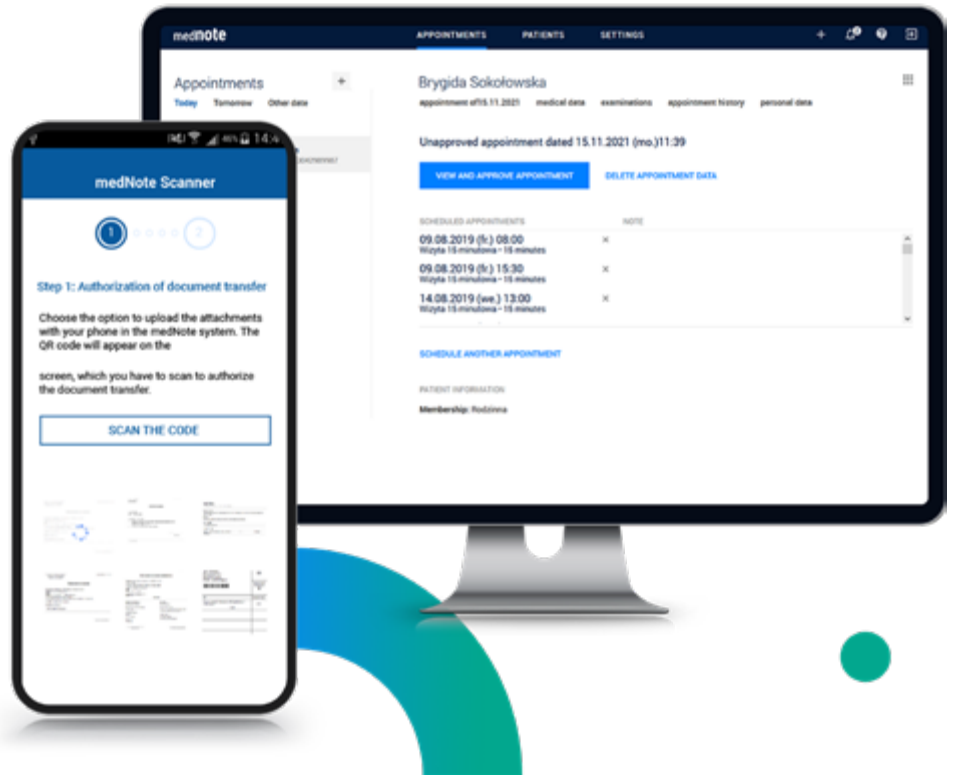# This is a medical device. Use it according to the instructions for use or label.

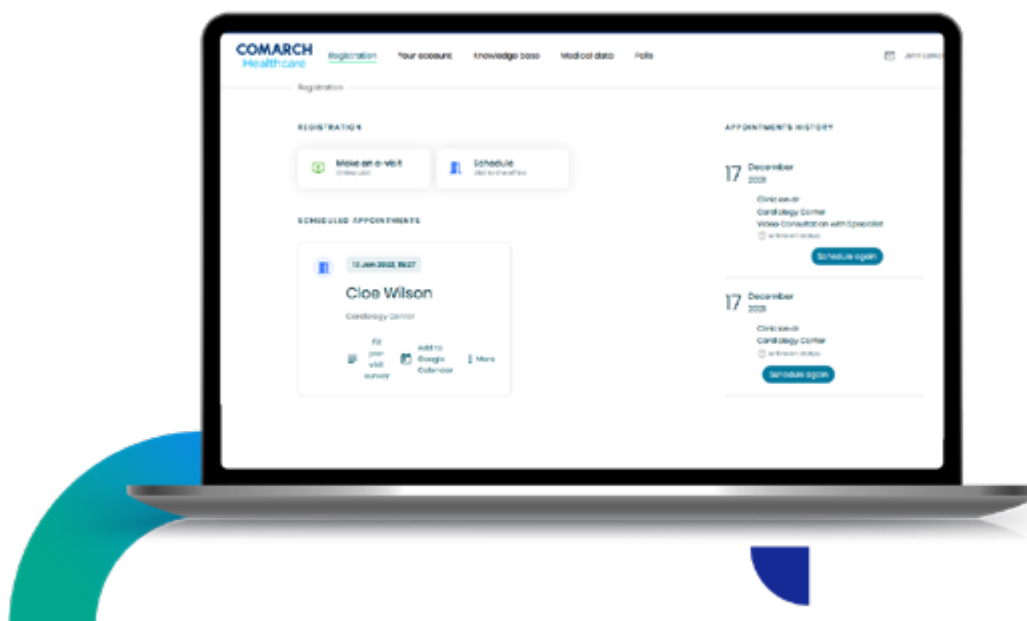# Software for medical facilities and related entities

IT systems designed with all types of medical facilities, their employees and patients in mind.

Comarch medNote

A modern, intuitive application for managing any doctor's office.
It organizes medical records, enables issuing of prescriptions, provides necessary information about the patients and minimizes the time taken by formalities and paperwork.
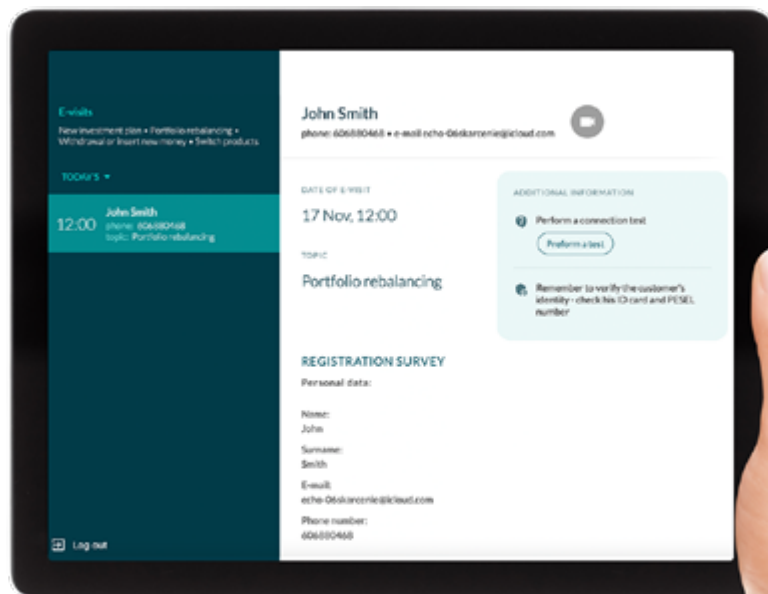

Comarch Concierge

An online patient portal that provides multi-channel communication and continuity of medical care. It enables remote registration, ordering prescriptions, receiving test results and medical consultations. It can be configured to many needs and adapted to any hospital information system.

Comarch e-Consultant

Comarch e-Consultant is a program that facilitates a virtual customer service office for clients, patients, or citizens. It ensures secure transmission during video calls to protect confidential data and is fully configurable to meet specific business needs.

Key features include:
- Website configuration
- Management of e-visit topics
- Schedule and user management
- Reports from e-visits
- Payment, survey, registration form, and notification configurations.

Comarch Field
Service Management

Comarch FSM is the field service management software for healthcare organisations. It is a comprehensive solution for planning and coordinating employees and healthcare materials in the provision of healthcare activities, from which HCPs, technicians and warehouse managers of healthcare institutions benefit.
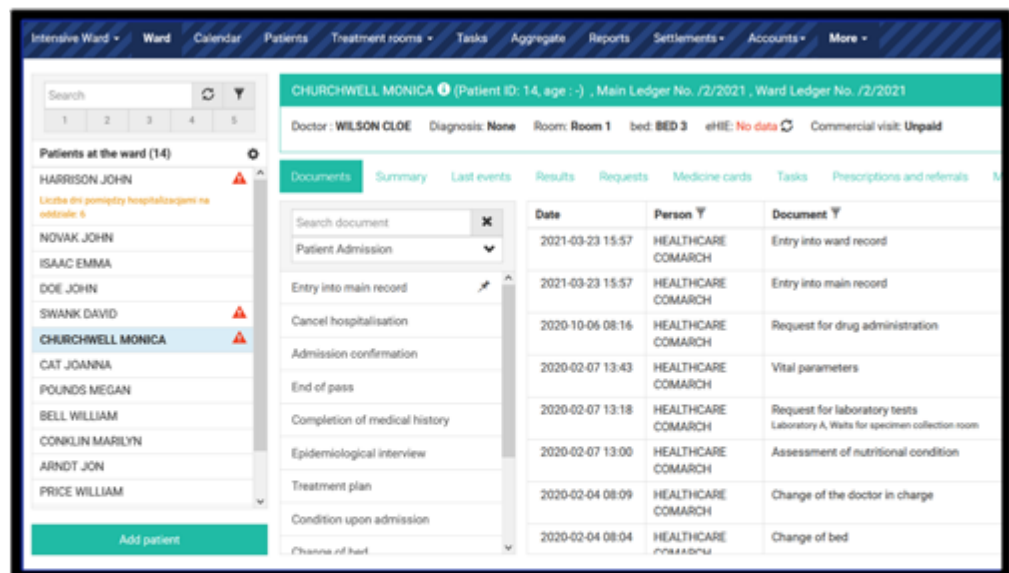
Comarch
BI Point

Comarch BI Point is a self-service reporting tool that enables the creation of data visualizations. It has a transparent and user-friendly interface. Without advanced IT skills, it is possible to create various legible reports and interactive dashboards and have a clear insight into the company's data.

Comarch Optimed NXT

An advanced IT system for medical facility management (HIS), allowing the holistic organization and management of functioning, regardless of client's specialization and size. It has 6 basic modules and more than 30 additional modules, matching all types of medical entities. It provides integration with healthcare providers services and peripheral systems.
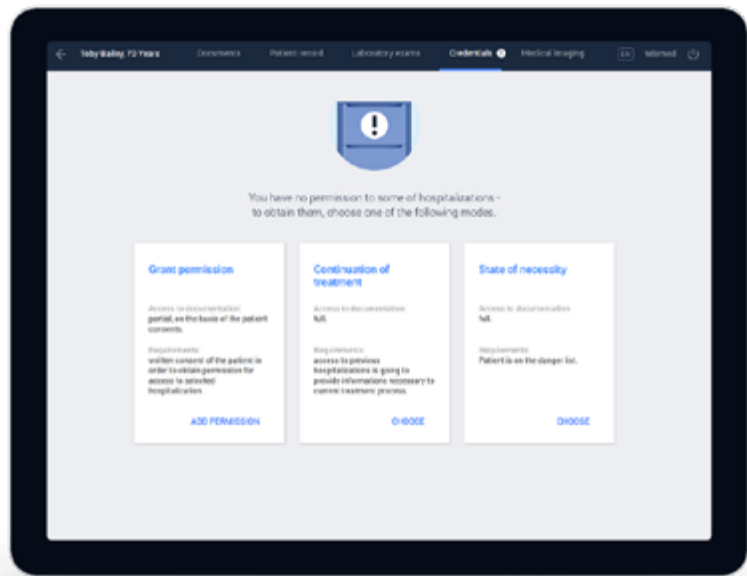
Electronic Health Record & medical mobile applications

Completely secure medical data storage and transmission.

Comarch EHR

A system for managing electronic health records in all types of medical entities, as well as at the regional level. It is an interoperable tool in accordance with IHE, HLF CDA, and XDS.b standards, allowing integration with external solutions. Comarch EHR allows for crucial medical data exchange at all levels and between entities operating on different systems.

Comarch HealthNote

Comarch HealthNote is an Internet health diary that allows to collect complete and current medical data (medical records, vital signs measurements, symptoms) and view them directly in a mobile application. In this way, all information is at hand, any time, anywhere. The product includes mobile and web application for patients and web application for physicians.

Medical cloud solutions

Integrated e-Health cloud platforms that ensure coordinated care.

Comarch Telemedicine Cloud

Comarch Telemedicine Cloud enables remote monitoring of patients.
All information from systems, applications, and measuring devices is transferred
to the Comarch e-Care 2.0 platform, then analyzed and made available to medical
personnel. Thus, the process of diagnosis, treatment, and prophylaxis is optimized
and coordinated. It is a flexible and scalable solution that allows existing elements
to be modified and new devices, procedures, and operation schemes to be added.

Comarch Hospital Cloud

Comarch Hospital Cloud is a set of systems for the comprehensive management
of medical facilities, regardless of their specialization and size. Interoperable,
integrated IT systems are fitted to each stage of patient care. These are intuitive
tools that coordinate staff activities, increasing work ergonomics. They have
been designed for all employees of medical facilities, taking their roles, duties,
and entitlements in the organization into account. All data are stored in a secure
Comarch cloud, so there is no risk of loss or unauthorized access.

Comarch EHR Cloud

Comarch EHR Cloud is a secure data archive created to provide efficient,
coordinated health care. Information is uploaded from medical facilities,
laboratories, diagnostic points, telemedicine platforms and patient applications.
Data are collected in one place, regardless of their origin. Comarch EHR Cloud is
an interoperable platform, open to third-party solutions. Free integration is possible
by the use of IHE profiles for data transfer and documentation standards based on
HL7CDA and PIK HL7CDA.

Do you want to know more about our solutions
or receive a personalized offer?

Contact us!

www.comarch.com/healthcare/contact-form/

www.healthcare.comarch.com