

CONWORX – Your Specialist

Since 1999, our company has been developing specific networking solutions for medical and diagnostic devices including the respective data management. We have become a leading IT solutions provider in Europe and have developed comprehensive expertise in all relevant technical standards and IT interfaces. Our focus is specifically on optimizing workflows and ensuring device operation throughout the field of healthcare.

The close collaboration between our highly motivated and well-trained software developers and the staff from the medical industry provides the necessary foundation for optimal solutions even as early as the design and development phase.

In recent years, we have increasingly been able to offer our service portfolio to global diagnostic and medical technology companies. Our portfolio is mainly centered around developing software packages that facilitate or optimize networking and data management within medical products or that can be used as additional modules.

We are definitely used to fulfilling the highest quality and delivery date adherence requirements in order to achieve development goals for new products that are ambitious both in terms of content as well as timeframe.

CONWORX has also been EN ISO 9001 certified since 2006.

"We consider Conworx to be an experienced IT service provider and we value the company's expertise and development capabilities. Conworx was and still is a reliable partner for us in developing and implementing our network-compatible POCT blood glucose monitoring system Endire®Pro for hospital use. This partnership was an integral part in our ability to create value-added services for our growing customer base."

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Smart Development Solutions

Communication Software Development for Medical & IVD Equipment



Maximum Time Savings – Minimum Risk!

You develop complex medical products, which will allow you to compete in the highly competitive global markets. Deadline pressure continues to mount, while your time-to-market and risks must be reduced as much as possible. Product quality expectations also continue to rise because it is important to be able to guarantee compatibility with the ever-expanding variety of software platforms and systems. A nearly insurmountable task under increasingly difficult conditions? No!

We are here to help!

We will be able to save you time and give you peace of mind as we work with you to develop IT interfaces and middleware solutions! Take advantage of the expertise that our specialists have gained by developing over 200 interfaces around the world for more than 600 satisfied hospitals and labs. This extensive experience has made us very well-versed in many relevant application scenarios and we are always up to date on all legal regulations and guidelines. After all, the data your devices provide can only be optimally incorporated into diagnostics and treatment when your products are seamlessly and securely integrated into the workflows in hospitals, doctors' offices and labs. The Conworx software development process parallels your development team, which saves you valuable time. Our team's industry knowledge, project experience and strong communication skills ensure excellent integration into your workflows.

As a full service provider we:

- Provide consulting services for designing IT interfaces for medical and diagnostic devices
- Develop communication interfaces for diagnostic devices
- Develop communication interfaces for medical devices
- Develop and design middleware solutions for device management
- Continuously maintain and develop IT solutions



Your benefits at a glance:

- ***Shorten your development times***
- ***Fast access to specialized expertise***
- ***Easily schedulable collaboration with clear accounting parameters***

Our services in more detail:

Consulting

- Analyze device utilization scenarios
- Design workflow and IT interfaces
- Design and assist with appropriate interfaces

Development

- Complete interface projects
- Partial packages and libraries for interfaces
- Data management applications

Maintenance

- Source code maintenance
- Continued functionality expansion
- Support services

Our expertise:

Types of interfaces:

Unidirectional

- Device readings
- Patient demographic information
- Status messages from devices

Bidirectional

- Device configuration
- Remote control
- Firmware updates
- Data download from patient and user to devices
- Requests/queries from device to software

Applications

- Middleware specifically for your devices
- Management software
- Data concentrators
- Windows- or Linux-based communication modules

Important supported interface standards:

HL7, ASTM, DICOM, POCT-1A, LDT/GDT

CONWORX, among others, is a member of the HL7 user group Germany.

We develop in:

- Microsoft C# .net, asp.net
- Borland C++
- Hardware-related programming