

POCcelerator™

The POCT manager from the experts



The Point-of-Care Challenge: Comprehensive and complex!

"Throughout the remote island chain of the Outer Hebrides 40 miles off the NW coast of mainland Scotland, we use a wide array of POCT devices to provide diagnostic support in the absence of 24hr Central Laboratory services.

CONWORX POCcelerator™ has proven to be a truly open access DMS. Flexible enough to meet all our connectivity requirements for secure delivery of data to the patient electronic record irrespective of device, manufacturer or location. As a company they have also provided continuous, accessible, effective and friendly support..."

Mark Brown
POCT Coordinator
NHS Western Isles

There are many Point-of-Care Testing (POCT) devices from numerous manufacturers and you need to decide "Which are the best devices to fit the clinical needs of your hospital".

The task of POCT management is extremely complex covering patient results, quality control, operators, reagents and devices as required to meet accreditation standards. An increasingly challenging and difficult task.

Since 2003 the Point-of-Care management system POCcelerator™ has been organising the daily POCT operations of hospitals throughout Europe.

Within a single solution POCcelerator™ manages patient results, quality control, operators, reagents and devices. The data is presented in a clear and structured format in order to achieve regulatory guidelines.

POCcelerator™ provides many POCT functionalities including clear and easy display of quality control and operator management as well as remote device configuration and monitoring.

Utilizing our core expertise of POCT interface development gained over 14 years, CONWORX guarantees a secure and robust connection for more than 150 different POCT device models.

The benefit of our complete manufacturer independence and POCT experience allows full flexibility in the selection of appropriate Point-of-Care Testing devices.

Organise your Point-of-Care Testing flexibly according to your specific requirements.

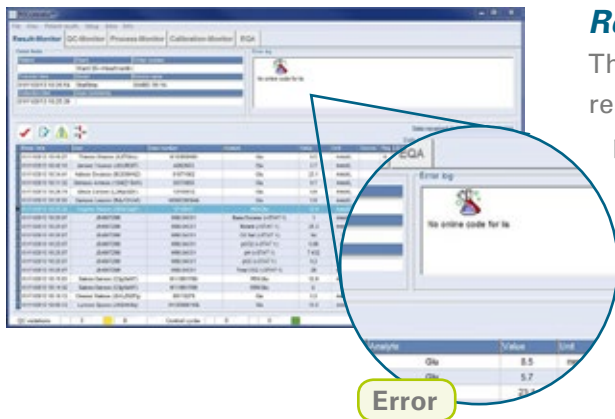
We have experience in implementing over 1700 systems world-wide and would be pleased to help you in partnership to develop your complete Point-of-Care Testing solution.

"Since the implementation of POCcelerator™, the data manager has proved to be a very reliable system. During the last 3 years there has been no system events compromising routine performance.

We would like to especially highlight the very open and constructive cooperation with the CONWORX support and development team. From start to finish of the installation, as well as during the ongoing daily work routine, they have withstood all of our detailed questions and provided effective support."

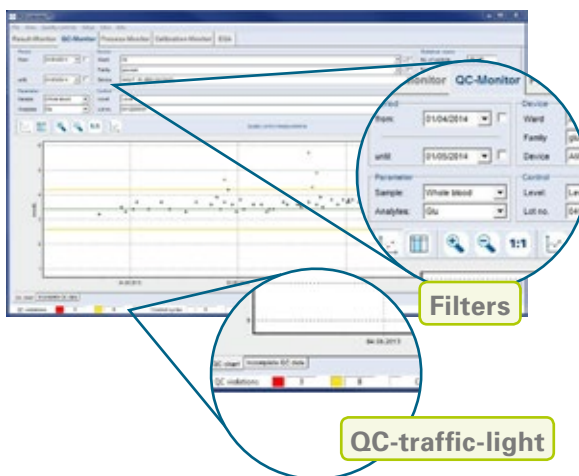
Dr. Oliver Tiesel
University Hospital of Dresden

Extensive features, tailor made to your POCT management requirements!



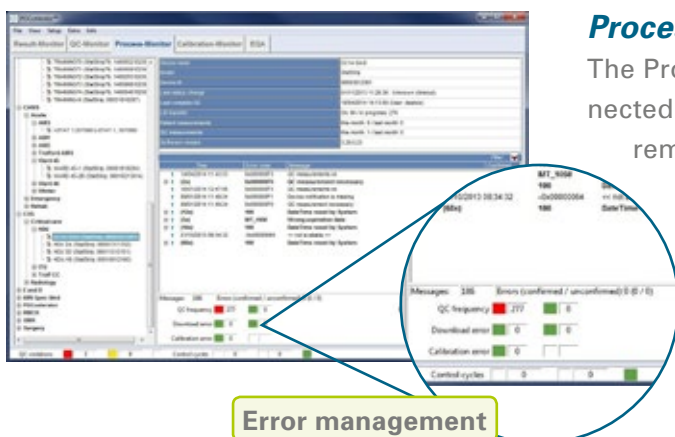
Result-Monitor

The Result-Monitor lists in a table a summary of all patient results and associated key audit information. The **error** log provides a rules based alert to any errors that can simply be reviewed and audited. Valid data is then automatically transferred to the Laboratory Information System, Hospital Information System and Electronic Patient Record.



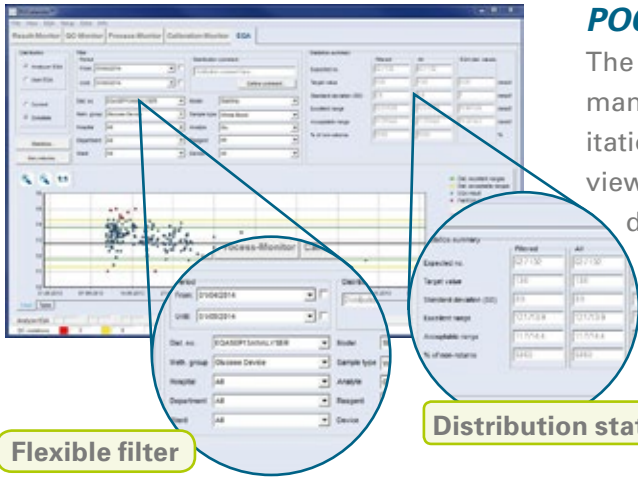
QC-Monitor

The QC-Monitor provides quality control data in a table or graphical overview that contains numerous filter and search functionalities. In addition statistical values and incomplete QC-data is provided. The proactive traffic light system shows the number of "unknown" and "known" QC-measurement errors. With a single mouse click full audit trail is visible.



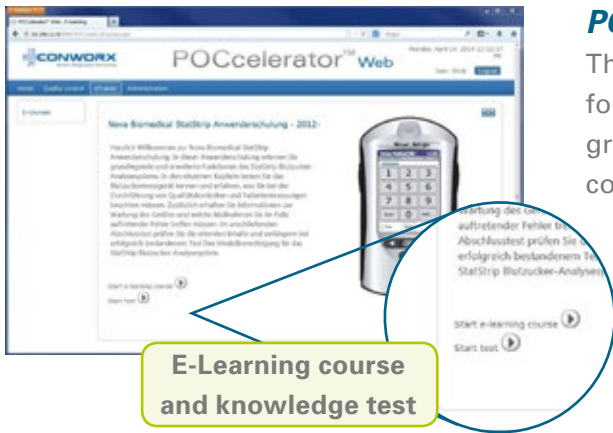
Process-Monitor

The Process-Monitor provides the summary status of all connected devices as well as the ability to centrally configure and remotely control those devices. The functionality that can be delivered from **POCcelerator™** for each type of device is governed by the interface capability of each connected device.



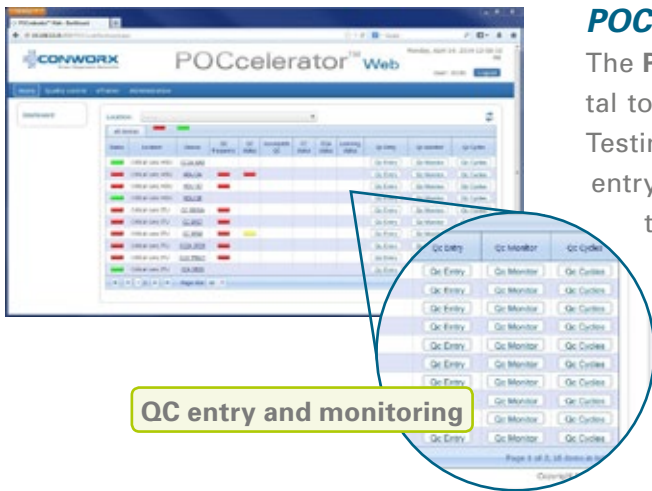
POCcelerator™ EQA Module

The POCcelerator™ EQA module allows you to proactively manage organisation wide EQA results according to accreditation requirements. **Distributions and statistics** are easily viewed and filtered with the familiar proactive traffic light display flagging non compliances.



POCcelerator™ eTrainer

The POCcelerator™ E-Learning module delivers a common format and structure of intranet based device training programs. The device operator signs in to the web portal to complete manufacturer approved device E-Learning courses including a final test of their knowledge gained. After successful completion of the test the operator's certification is automatically renewed and downloaded to the appropriate devices if operator lists are supported by that device. Full audit of all E-Learning courses undertaken are recorded in POCcelerator™.



POCcelerator™ Web Module

The POCcelerator™ Web module is a multi-tenant web portal to manage the processes of decentralized Point-of-Care Testing. The web based application provides both manual entry and review of QC-measurements as well as the registration and management of new operators and devices.

System requirements

Server: Minimum requirements

- Computer processor: Quad Core Intel® 2,8 GHz
- Computer memory: 4 GB RAM
- Operating system: Microsoft Windows Server® 2008 R2 or higher
- Hard disk: 80 GB free disk space
- Network: TCP/IP network card

- SQL Server: Microsoft SQL Server 2008 R2 Workgroup Edition or higher with processor license
Note: POCcelerator™ requires a dedicated instance of MS SQL Server and 'sysadmin' rights for account 'conworx'.
- Remote Access to servers for maintenance
- CD/DVD drive: 24x CD/DVD drive (for installation) Keyboard, Mouse

Easily manage your daily POCT work with POCcelerator™

Device connectivity Device administration

POCcelerator™ monitors all POCT processes according to the information sent by the POCT device interface. This can include system status, remote configuration, remote control, maintenance, software update and many others.

Quality Control and Patient Data

All Quality Control and Patient Data needs to be technically validated and documented. Clearly presented tables and graphical overviews in **POCcelerator™** helps you to manage your Point-of-Care Testing.

Device Users

POCcelerator™ provides operator management for all connected devices which saves time facilitated by a single point of entry for each operator.

Non-Connected Devices

POCT QC-Data of non-connected devices also needs to be documented and controlled. The **POCcelerator™** web portal allows you to enter QC-results manually and view their current QC-status by location.

Device connectivity

No other Point-of-Care Testing data-manager provides as many proven connections to POCT devices. **POCcelerator™** offers more than 150 device interfaces and has the largest range of POCT device connections within Europe.

POCcelerator™ not only connects complex POCT devices from many manufacturers, it can also be connected to specific manufacturer software that is then integrated within the solution. It is important to take into consideration many different factors when connecting POCT devices. Every device interface is different and connectivity does

not always provide the same quality, functions and range of control and management capabilities for each one.



E-Learning

All Point-of-Care Testing users are required to participate in regular device training and certification schemes. The **POCcelerator™** E-Learning module allows you to train your staff online through the intranet. The module includes a competency test, immediate feedback on the test results and a final printout of the training certificates.

Laboratory

- A single central platform for the management of POCT devices, patient results, users, reagents and quality control materials
- Proactive quality control management
- User management via a single training database and E-Learning
- Reduction in training, interfacing, hardware, software and support costs

IT Department

- Single Electronic Patient Record interface required for all POCT devices
- Simplified IT infrastructure
- Reduction in cost and complexity of interfacing, hardware, software and annual support costs
- Solution supports virtualisation and hardware according to current hospital requirements

Medical Engineering department

- Remote monitoring of Point-of-Care devices
- Proactive management of device errors and alerts
- Audit and device error history

Procurement

- Open and independent IT solution allows focus on the POCT reagent and device costs
 - No requirements for additional Electronic Patient Record interfaces
 - POCT consumables and workload reports

Nursing staff

- Electronic transfer of technically validated POCT results directly into the Electronic Patient Record
- Reduction in transcription errors and recording results
- Less time spent maintaining POCT devices by the clinical staff
- POCT audit trail required for regulatory compliance

Hospital Management

- Significant savings in overall cost of ownership, complexity and staff time by only requiring a single POCT process manager instead of multiple IT systems from each device manufacturer (Hardware, Interfaces, Training, Maintenance) that can be replaced regularly as new technology evolves

Hospital Department Benefits



CONWORX – your specialist.

Since 1999 we have developed software solutions for the integration of laboratory and medical equipment together with efficient and effective data management. Today we are one of the leading providers of IT solutions, being used in over 1700¹ hospitals in 20 countries. We provide an extensive know-how incorporating all relevant technological and healthcare standards as well as data processing gateways across the complete healthcare sector. Our expert knowledge and clear focus on medical diagnostics help to drive the efficiency and quality of our clients' operations.

If you are interested in **POCcelerator™** please contact us or our distribution partners for further information. You can find all our partners on www.conworx.com



www.conworx.com



CONWORX Technology GmbH
Albert-Einstein-Str. 14
12489 Berlin, Germany
Phone: +49 (30) 92 10 11 0
Fax: +49 (0)30 92 10 11 92
Mail: software@conworx.com

CONWORX Technology GmbH
Office UK
3rd Floor, 207 Regent Street
London W1B 3HH, Great Britain
Phone: +44 (20) 76 93 50 42
Fax: +44 (20) 76 93 50 43
Mail: uksupport@conworx.com

CONWORX Technology GmbH
Office France
52, Boulevard de Sébastopol
75003 Paris, France
Phone: +33 (0) 172 74 55 97
Fax: +33 (0) 172 74 55 99
Mail: info@conworx.fr