Integration with Learning Management Systems (LMS)

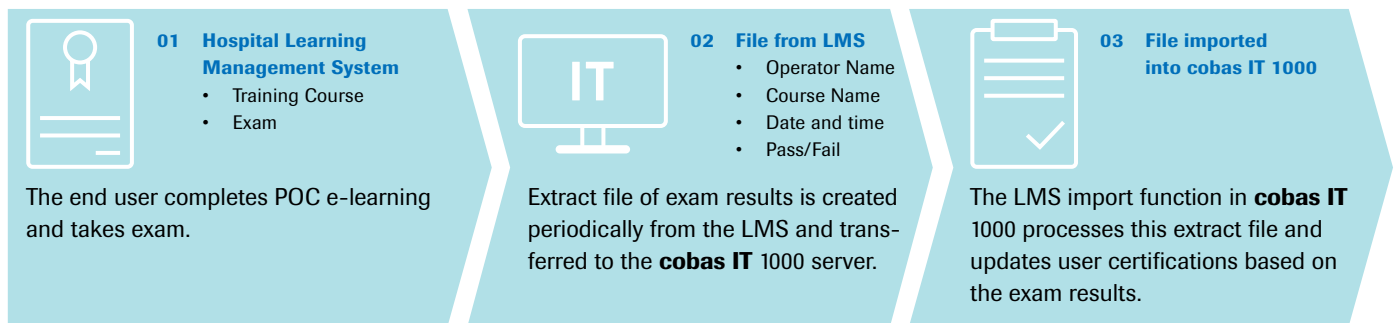*e-learning link to cobas IT 1000 application*

At Roche we have recognized the requirement to host on-line device training courses on your hospital`s learning management system (LMS). It is now possible to place our e-learning courses onto your LMS and at the same time maintain the auto-update of user certification criteria in **cobas IT** 1000.

"With cobas IT 1000, you can combine the power of the auto recertification capabilities of cobas IT 1000 with the convenience of using the hospital's LMS. This means that hospital staff do not have to go to a separate LMS to complete their POC training. To have that feature automated in cobas IT 1000 eliminates the administrative burden of managing a separate LMS and saves time and effort."

Afia Boamah, International Product Manager POC IT

How do you achieve this in your hospital? It's as easy as 123

01 Hospital Learning Management System
- Training Course
- Exam

The end user completes POC e-learning and takes exam.

02 File from LMS
- Operator Name
- Course Name
- Date and time
- Pass/Fail

Extract file of exam results is created periodically from the LMS and transferred to the **cobas IT** 1000 server.

03 File imported into cobas IT 1000

The LMS import function in **cobas IT** 1000 processes this extract file and updates user certifications based on the exam results.

The exam results extract file from your hospital's LMS must contain the following information and be saved as a plain text file (e.g. tx or csv file).

Uniquely identify the person who took the exam

To identify the course, the date and results of the course

Import can be configured to use **cobas IT** 1000 operator ID or your local LMS ID

This must exactly match the course name on the relevant certificate in **cobas IT** 1000

"With this system we can now reach 80% of all the nurses. In the old days, 20% or 30%. You were never sure, have they been there? Have they signed it off? Can we put it in their personal records? That took a lot of time. Now it's the other way around. We have more time to work with the content and less time on the administrative tasks."

Liesbeth Verbanck, Quality Manager e-learning - Jan Yperman Hospital Belgium - Go live with Hospital wide LMS IT Integration

COBAS is a trademark of Roche.

© 2018 Roche

Published by:
Roche Diagnostics International Ltd
CH-6343 Rotkreuz
Switzerland

cobas.ch

FAQ

1. **What if my LMS exam results are not expressed as pass and/fail?**
   A: Your Roche IT specialist can configure **cobas IT** 1000 to accept different exam result formats e.g. true false.

2. **What if our LMS uses different formats (e.g: date and time)?**
   A: If your LMS uses different formats these can be configured by your local Roche IT specialist.

3. **How frequently can cobas IT 1000 look for an extract file?**
   A: **cobas IT** 1000 will look for an extract file to import every minute.

4. **Can I see how many times an end user has attempted a course?**
   A: Yes you can and you can set the limit in **cobas IT** 1000.

5. **What happens if the import fails?**
   A: If there are any errors encountered during the processing of the file, these can be viewed in **cobas IT** 1000 by the POCC.

6. **Which cobas IT1000 version will support my LMS?**
   A: v2.08 and above.