

## eduhub days 2013

# The new Safe Exam Browser 2.0 enables BYOD for exams

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### Examinations on students' personal computers

- Securing integrity of the SEB application
- Encrypted and signed individual configuration for each exam
- SEB server a third component in addition to the examination computer and the LMS server would provide more security especially on unmanaged exam computers

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## SEB-Server

1) Student

installs SEB

2) Student starts SEB, which connects to the SEB server

**Student Notebook** 

4a) SEB Server sends SEB configuration, quiz URL and quiz

3) Student

from a list

chooses exam

5) SEB connects to the quiz. After validating the token, the exam can start

token to SEB

SEB Server

4b) SEB Server sends quiz token to LMS

technologie

LMS
ILIAS
Moodle

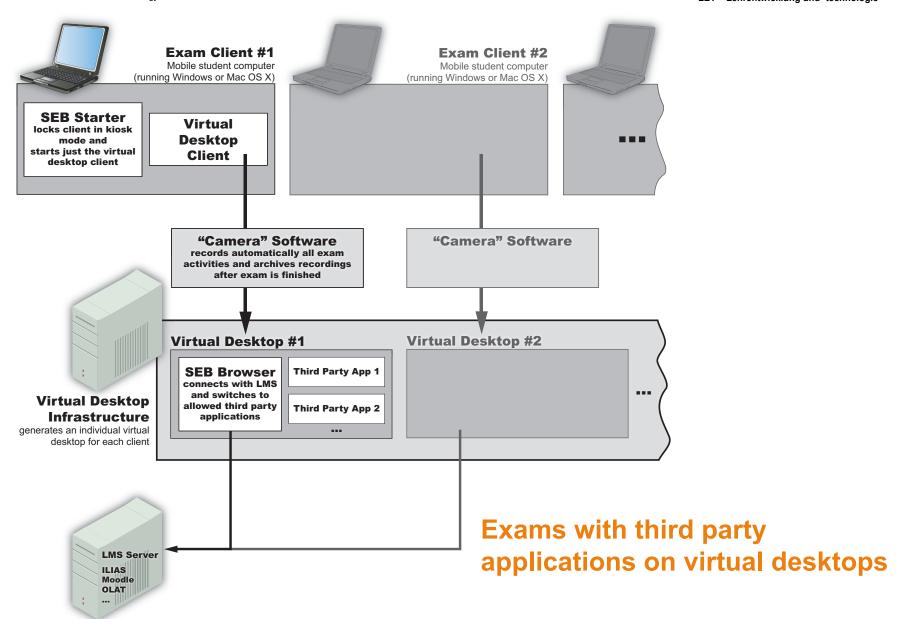


#### Improved control when using third party applications

- Problem: Using additional applications during an exam is a challenge, particularly on unmanaged student computers
- Control over third party applications has to be improved
- Solution: Integrate a virtual desktop infrastructure (VDI) client software into an exam system based on SEB.
- SEB kiosk application secures exam clients
- SEB browser and third party applications are running in a virtual desktop



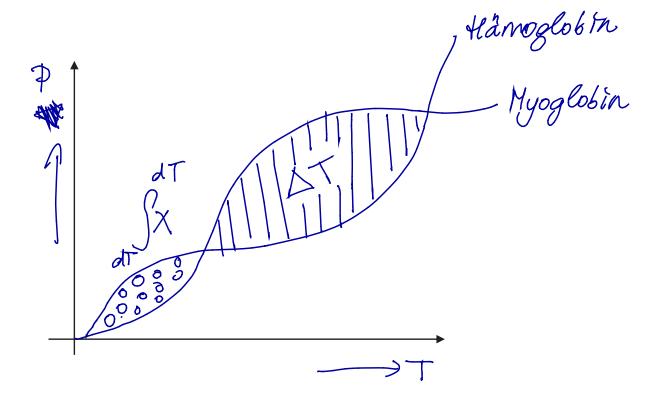
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### **Exams using tablet computers**

6) In unten stehendem Diagramm sollen Sauerstoff-Bindekurven von Myoglobin und Hämoglobin eingezeichnet werden. Beschriften Sie die Achsen des Diagramms (Name und Symbole der Parameter, Einheiten, keine absoluten Werte nötig). (2 Punkte)





## Thank you!

More information and download at www.safeexambrowser.org