

Welcome @FHNW

Codeword Mensa (1st floor) for (welcome) coffee: **"SIG E-Assessment"**



17th SIG e-Assessment Workshop

28.10.2021 Muttenz



E-Assessment & Distance Testing @FHNW

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HSLE2015-Projekte Teilprojekt Informatik

Overview

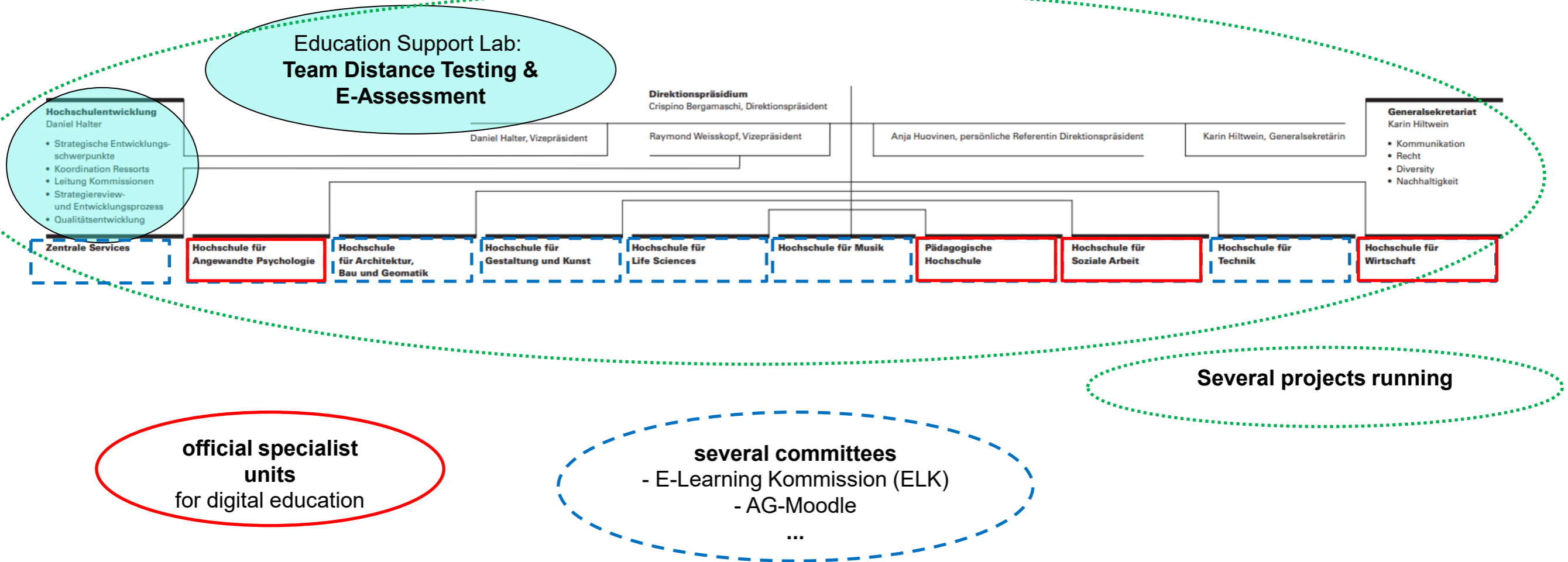
E-Assessment and Distance Testing @FHNW ...

- a) Organisation @FHNW
- b) Projects running @FHNW
- c) Joined project with BFH

Example: E-Assessment with CAMPLA-Lernstick

- a) Comparison with SEB
- b) Overview CAMPLA-Lernstick
- c) Hands-on presentation ...
- d) ... and Q&A-Session

E-Assessment and Distance Testing: Organisation @ FHNW

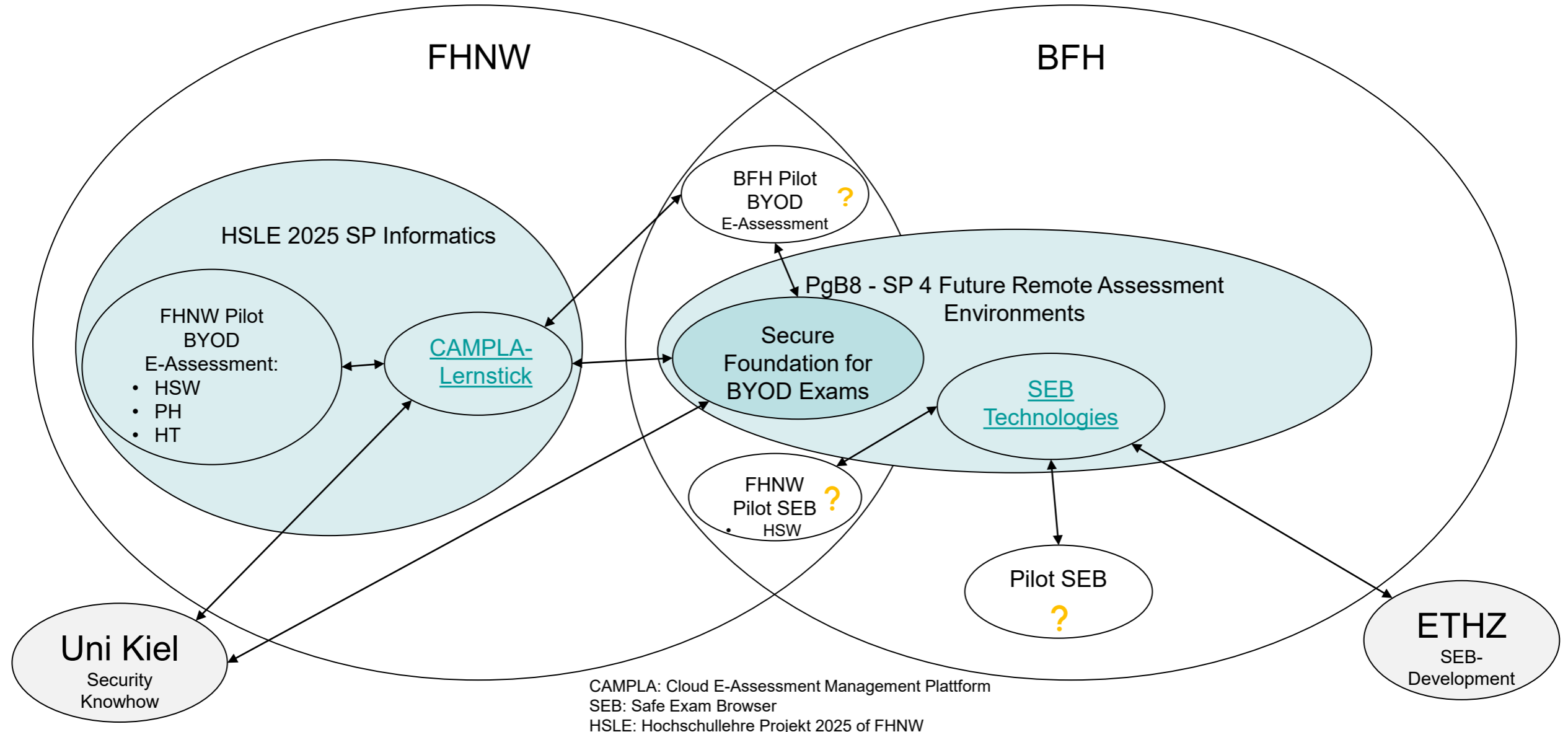


Projects running @FHNW

- **SWISSUNIVERSITIES: P-8 Project «E-Assessment & Distance Testing» (FHNW/BFH)**
 - 1) Methodological approach (i.a. emotions)
 - survey investigating **students' subjective experience of online exams** (i.a. digital self-efficiency, emotional experience and stress experience; more information alessia.ruf@fhnw.ch or camen.zahn@fhnw.ch; FHNW School of Applied Psychology)
 - 2) Technical and procedural approach (i.a. organisation and infrastructure)
 - 3) Trusted learning analytics
 - 4) Future Remote Assessment Environments (i.a. SEB-server)
- **HSLE2025-Project (FHNW)**
 - i.a. sub-project «Informatik» → CAMPLA-Lernstick
 - several «Lehrfondsprojekte»
 - e.g., peer-feedback, automatic feedback, moodle applications, ...
- **Several projects within FHNW**
 - SEB, service iPad/BeAxi, ...

SWISSUNIVERSITIES Project:PgB-8 «E-Assessment & Distance Testing»

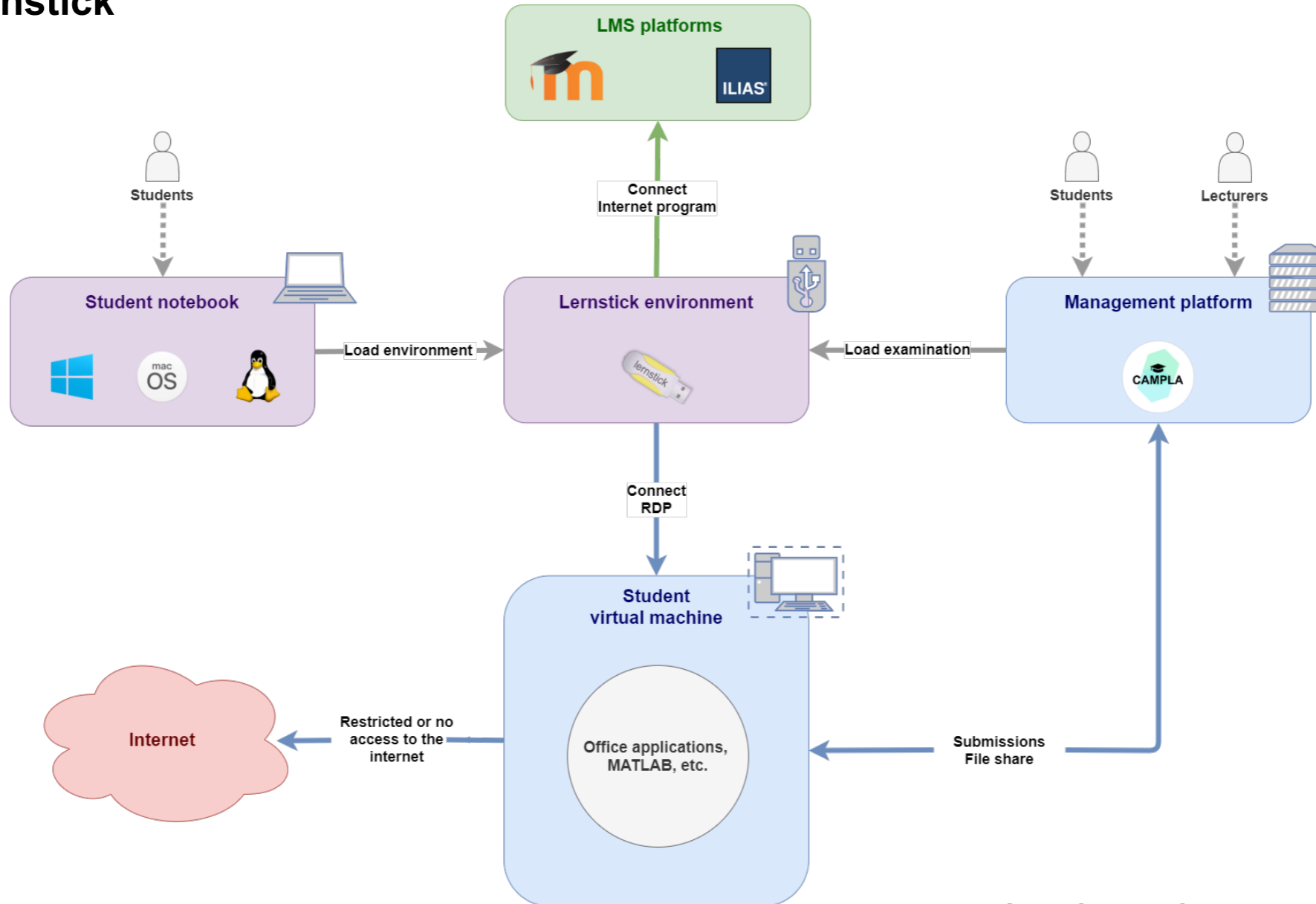
Interfaces and connections of the Projects and Sub-Projects of the two UAS:



Comparison Campla-Lernstick vs. SEB Technologies – We need both!

	CAMPLA-Lernstick	SEB Technologie
Devices	<p>BYOD (Notebook) - USB-Stick «still» needed also possible with administered computer (PC & MAC)</p> <p>Does not work with Tablets</p>	<p>BYOD (Notebook) not recommended administered computer (PC & MAC) recommended</p> <p>BYOD Tablets only (IOS)</p>
Application area 1 (basic): Testing on campus with appropriate equipment and software	<p>Variant "only" <u>learning stick</u> with installed software:</p> <ul style="list-style-type: none"> • No network necessary • Relatively high administration costs • Not all software available • Possibly licensing problems 	<p>Permanently installed room or device pool with administered computers with installed software:</p> <ul style="list-style-type: none"> • Possibly only local network necessary • Administration costs
Application area 2: Moodle examination on campus - "open and closed book	<ul style="list-style-type: none"> • Possibly only local network necessary • Lower administration costs 	See above
Application area 3: Examination in campus with virtual machines with installed software	<p>See above</p> <ul style="list-style-type: none"> • Provision of virtual exams • Cloud connection may be necessary 	<p>See above</p> <ul style="list-style-type: none"> • Cloud connection may be necessary
Application area 4: Examination from "home" - proctoring on both platforms a challenge!!!	<ul style="list-style-type: none"> • Application areas 2 and 3 possible • Higher protection of the platform 	<ul style="list-style-type: none"> • Application area 2 with Tablets possible • Application area 3 only possible with devices rental • SEB «safe» on Tablets

CAMPLA-Lernstick



[SWITCHtube Channel to CAMPLA-Lernstick](#)