

Technical specification

The lab, the teacher console, the student client, CEFR, privacy and the licence for asasii lang lab.

The lab

Seats	One teacher PC and up to sixty student PCs
Operating system	64-bit Windows
Network	The lab's wired network; no internet connection required
Audio	A headset at every seat
Software	Two programs: the teacher console and the student client. No server and no browser

The teacher console

Seat grid	A live thumbnail per seat, hands up, offline seats and the lesson on one screen
Broadcast	The teacher screen or a media file to every seat
Cast	One student's screen shown to the whole class
Lock	Every screen locked with one key
Voice	Talk to the class, a group or a seat; listen in; pair students; groups by row with leaders

Work and marking

Files	Worksheets pushed to every seat and collected at a deadline, with who has submitted
Quiz and vote	Questions to every seat with live results
Speaking practice	A timed task recorded at every seat, reviewed as it comes in and marked met, nearly or not yet
Dictation	Sentence by sentence to every seat, with each attempt scored
CEFR	Every lesson carries a level and a can-do statement from A1 to C2

The student client

Sign-in	Pick a name from the class list, with an optional PIN; no account
In the lesson	The teacher's screen full-screen, with raise hand, talk and volume on one bar
Progress	The student's CEFR level and the can-do statements met this term

Records

Lesson summary	Attendance, files, quiz, practice and recordings in a dated folder on the teacher PC
Student record	Attendance, submissions, quiz results and CEFR evidence across lessons
Export	To the institution's LMS or as a workbook

Looking after the lab

Lab health	Every seat's PC with client version, disk and link quality
Commands	Wake, restart, shut down and update every seat from the teacher PC
Settings	The network, the seat layout, broadcast quality, recording retention and the teachers on this PC
Updates	On a USB stick, with no internet required

The licence

Scope	The institution, the lab and the seat count, read from a file on the teacher PC
Expiry	None
Updates	Three years included
Another lab	A second licence file
Replacing the teacher PC	Copy the licence file

Service

Installation	idataraya installs the teacher console and the student clients and checks every seat
First lesson	Run with the teacher
Training	The teachers are trained on the console

Support	From people who know the console
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asasii lang lab is a product of idataraya Sdn Bhd (1263428-K), Kuala Lumpur. Deployed in the client's own environment, customised and maintained by idataraya. info@idataraya.com · langlab.asasii.com