Moodle Integration Decision Worksheet

Pick the smallest path that does the job. The companion article explains every line.

A. Choose the integration path

- [ ] LTI launch: a live, hosted video tool that serves many LMSs (the default)
- [ ] Packaged content: SCORM or xAPI/H5P, when content must live inside Moodle
- [ ] Custom plugin (PHP): only when behaviour must live inside Moodle's screens
- [ ] Web-services API: when an outside system must read or write Moodle data

B. If LTI: the launch and grade-passback gate

- [ ] Target LTI 1.3 + LTI Advantage; treat LTI 1.1 (OAuth 1.0) as legacy only
- [ ] Moodle is the Platform; configure the tool under Site administration
- [ ] Exchange client ID, platform ID, auth-request URL, token URL, keyset URL
- [ ] AGS writes scores back; let the institution control which gradebook columns
- [ ] NRPS roster and AGS grades degrade gracefully if a site does not grant them

C. If packaged content or plugin

- [ ] SCORM tracks completion, score, time - not every interaction; use xAPI for video
- [ ] H5P Interactive Video emits xAPI; the xAPI log store batches it to an external LRS
- [ ] Design video statements against the xAPI Video Profile for consistent tracking
- [ ] Build a plugin only for what must live inside Moodle; re-test on each release
- [ ] Test packaged content in a real Moodle site, not just the authoring preview

Before your first roster, grade, or API call: privacy

The roster (NRPS), grades (AGS), and anything pulled through the web-services API are real student identities and results - personal data under GDPR, under FERPA for US student records, and under 152-FZ for a Russian audience. Decide what you store, why, and for how long first. This is engineering guidance, not legal advice.



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Fora Soft Video Engineering Handbook

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This worksheet picks the smallest Moodle path: LTI, packaged content, a plugin or the web-services API. Our seven-volume handbook covers the video you deliver through that path: Volume 3 for players, ABR and DRM, Volume 1 for encoding course video and Volume 4 for audio and captions.

WHAT YOU WILL FIND INSIDE

- Players and ABR inside an LMS page
- Encoding settings for lecture recordings
- DRM for paid course content
- Caption and audio quality for learners

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Vol. 4 · Audio for Video I — PCM, codecs, loudness, accessibility, real-time voice processing

Vol. 5 · Audio for Video II — jitter buffers, lip sync, Atmos, quality metrics, neural codecs

Vol. 6 · AI for Video I — models and inference, computer vision, speech, search, generative video

Vol. 7 · AI for Video II — real-time pipelines, agents, serving, cost, compliance, verticals

Deciding between LTI, SCORM/xAPI and a Moodle plugin for your video?

We will pick the path for your use case, check grade passback and xAPI tracking, and estimate the build. 250+ video products shipped since 2005.

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