

# LTI 1.3 Integration Readiness Checklist

Run this before you ship an LTI integration. The companion article explains every line.

## A. Version, roles, and the secure launch

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- Target LTI 1.3 + LTI Advantage; treat LTI 1.1 (OAuth 1.0) as legacy only
- Roles are clear: the LMS is the Platform, your app is the Tool
- Launch uses third-party-initiated OpenID Connect (iss, login\_hint)
- Platform returns a JWT id\_token; Tool verifies the signature, nonce, aud, and expiry

## B. Keys and the LTI Advantage services

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- Public/private key handling and JWKS hosting are set up and rotatable
- Deep Linking: teacher can select specific content from your tool
- NRPS: tool can securely read the course roster and roles
- AGS: tool writes scores back via line item, score, and result
- Each service degrades gracefully when a Platform does not grant it

## C. Conformance and going live

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- Tool is tested against a real LMS (Canvas, Moodle, or Blackboard), not just a sandbox
- 1EdTech LTI 1.3 certification is planned or done; listing is a sales asset
- One code path serves every conformant LMS; new ones are config, not code
- Errors are handled: invalid signature, missing scope, expired token

### Before your first NRPS or AGS call: privacy

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NRPS hands you real student identities and AGS handles their grades - that is 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.