

# Install LMS Bridge in Blackboard (Anthology)

Learning Mastery Support · free & open-source LTI 1.3 / Advantage tool · lmsbridge.app

You need **LMS-admin** access. Replace `YOUR-HOST` with your LMS Bridge address. These URLs (also at `/api/v1/lti/config` and the admin **LMS (LTI)** tab) are what the LMS needs:

<b>OIDC login URL</b>	<code>https://YOUR-HOST/api/v1/lti/login</code>
<b>Launch / Target Link URI</b>	<code>https://YOUR-HOST/api/v1/lti/launch</code>
<b>Redirect URI</b>	<code>https://YOUR-HOST/api/v1/lti/launch</code>
<b>Public keyset (JWKS) URL</b>	<code>https://YOUR-HOST/api/v1/lti/jwks</code>
<b>Dynamic Registration URL</b>	<code>https://YOUR-HOST/api/v1/lti/register</code>

## Part A — tool owner registers once (Anthology Developer Portal)

- 1 Sign in at [developer.anthology.com](https://developer.anthology.com) → **Register a REST or LTI application**; Domain = `YOUR-HOST`.
- 2 **Supports LTI 1.3 = ON**: Login Initiation URL = `/login`; Tool Redirect URL = `/launch`; Tool JWKS URL = `/jwks`; Signing = `RS256` → **Register**.
- 3 Save the **Application ID (= Client ID)**. Record the global endpoints in LMS Bridge (below).

<b>Issuer</b>	<code>https://blackboard.com</code>
<b>OIDC auth</b>	<code>https://developer.blackboard.com/api/v1/gateway/oidcauth</code>
<b>Token</b>	<code>https://developer.blackboard.com/api/v1/gateway/oauth2/jwttoken</code>
<b>Platform JWKS</b>	<code>.../management/applications//jwks.json</code>

Tip: enable **auto-register deployments** on this registration so each school's Deployment ID is trusted on first launch.

## Part B — each institution's Blackboard admin

- 1 **Admin (Ultra)** or **System Admin (Original)** → **Integrations** → **LTI Tool Providers**.
- 2 **Register LTI 1.3/Advantage Tool** → paste the **Client ID** → **Submit**.
- 3 Set **Tool Status = Approved**; User Fields = `Role/Name/Email`; **Allow grade service = Yes (AGS)**; **Allow Membership service = Yes (NRPS)** → **Submit**.
- 4 Also: **Manage Global Properties** → allow tool providers to post grades. Copy the **Deployment ID** (if not auto-registering).

## Instructor places it

**Ultra**: Course Content → + → **Content Market** → **Institution Tools** → **LMS Bridge**. **Original**: Build Content → the LMS Bridge placement (or Web Link with "This link is to a Tool Provider").

After any launch, LMS Bridge auto-provisions the user, course, and role (no extra password). Free & open-source under AGPL-3.0. UI labels verified against current vendor docs (2025–2026); confirm against your LMS version. Full guide: [docs/INSTALL\\_LTI.md](#).