PLATFORM INTRODUCTION

LEARNHIVE LABS TECHNOLOGY PLATFORM

Connected learning. Professional communities. Digital opportunity.

Bring career and development solutions to your organization.

LearnHive brings member experiences, learning content and community services into a coordinated technology platform. Organizations can shape a branded digital experience around the capabilities they need, with access rules, content ownership and deployment requirements agreed before launch.

The platform supports an API-led integration approach: selected services can be presented through web and mobile experiences without exposing internal systems to end users.

Your organization. Connected through LearnHive. Bring your member-facing web and mobile experiences together with selected learning, career and community services. Use a LearnHive-hosted and managed content management system (CMS) connected through LH Exchange, retain ownership of your data and original content, and adopt the modules your organization needs.



Technology & deployment overview
Explore the platform foundation, service layers and opportunities for a scoped deployment.

PLATFORM ARCHITECTURE

The LearnHive technology stack

These names describe LearnHive's functional service layers. They are not a claim that every layer is a separate product or an independently developed infrastructure component.

LearnHive layer	Purpose	Scope
LH Experience	Branded web journeys, navigation and mobile-facing service delivery	Established foundation; deployment-specific presentation
LH Identity	Account access, member profiles, onboarding and account lifecycle experiences	Established foundation; approved account policies apply
LH Connect	Community activity, groups, discussions, member relationships and private conversations	Established foundation; role and visibility controls apply
LH Learn	Course discovery, structured learning experiences, account-linked progress and completion records	Established foundation for selected learning experiences; broader learning workflows are expansion scope
LH Content	Content discovery, publishing submissions, media and selected event information	Established foundation; editorial and publication policies apply
LH Opportunity	Career opportunity discovery and job-content presentation	Established foundation for discovery; employer and applicant workflows are expansion scope
LH Exchange	Managed service integration and content synchronization; custom MCP connections for approved data, visualization and reporting	Established integration foundation; custom MCP and additional systems are expansion scope
LH Governance	Access boundaries, moderation, privacy-aware presentation and operational controls	Foundation controls; deployment governance and validation required

Adopt what your experience needs

- **A connected member experience:** Bring account access, profiles, community participation and selected learning services into one experience.
- **Modular adoption:** Start with a defined use case and add approved services as requirements develop.
- **Controlled integration:** Make selected capabilities available through permission-aware integration services.
- **Branded delivery:** Adapt presentation, navigation and workflows to the agreed audience and operating model.
- **Clear delivery scope:** Confirm what is included, what requires configuration and what needs additional development.

ARCHITECTURE AND ORGANIZATIONAL ACCESS

One service foundation. Organization-ready access.

Organization-scoped access

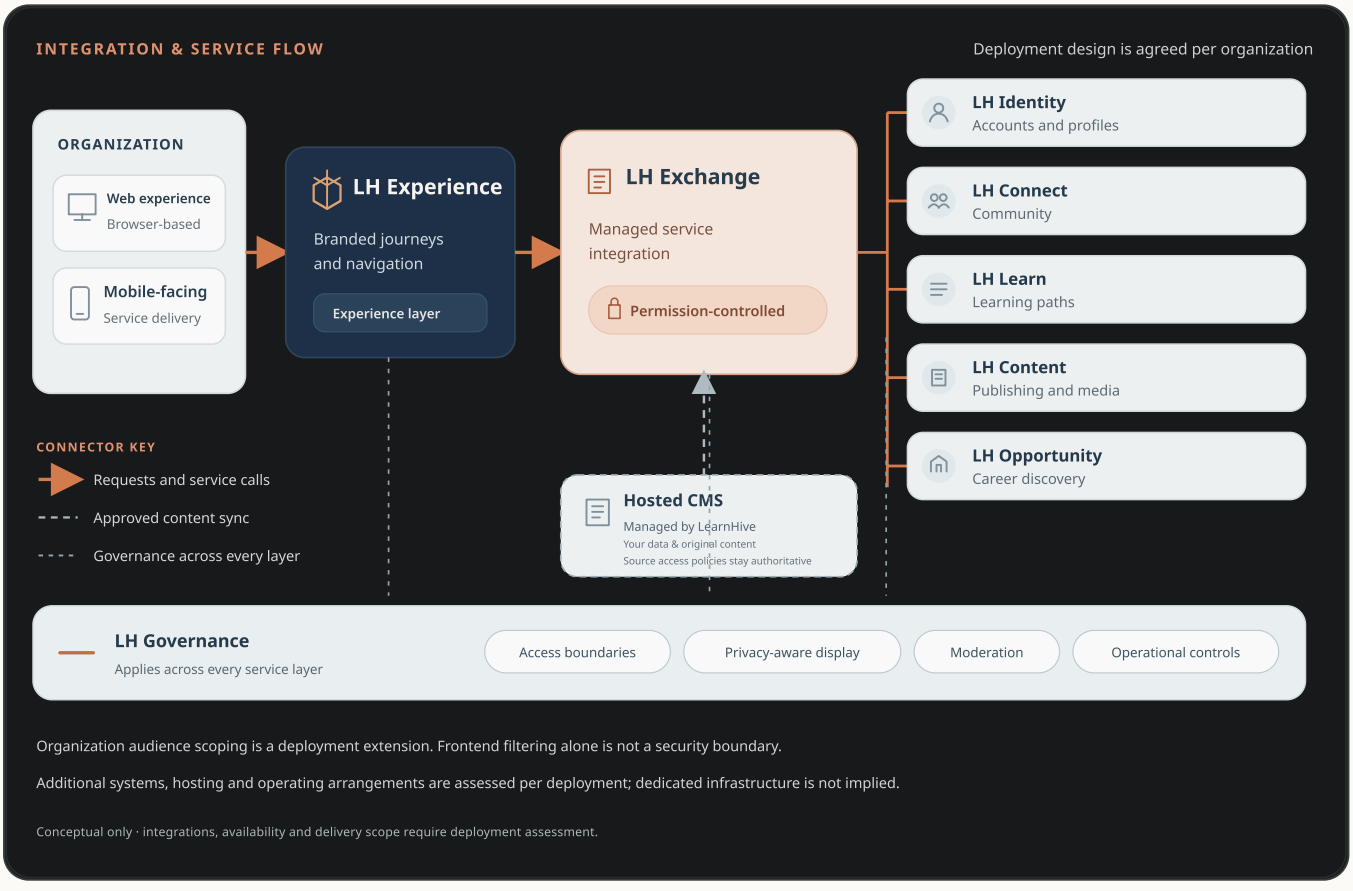
Deployment extension: Separate supported information by organization, community and approved audience tags, with explicit visibility and sharing rules. Private organizational spaces can coexist with public and shared resources. Source-administered policies must be enforced by the service layer on every request, including search, files and direct access—not just hidden by the frontend. Tags classify audiences; they do not grant access by themselves. Logical separation does not imply separate databases or dedicated infrastructure.

Identity and security by design

Foundation and deployment validation: Identity-aware access, role and resource permissions, privacy-aware presentation and controlled integration form the security foundation. Deployment review must validate least-privilege access, protected transport, credential handling, community administrator boundaries and access revocation. Organization-scoped protection must extend to media, notifications, reporting and caches. Security assurance depends on configuration, testing and ongoing operation; no absolute security guarantee or independent certification is implied.

Hosting designed for growth

Deployment option: Plan hosting capacity around audience size, workload and data boundaries. Scalable application capacity, permission-aware caching, monitoring, backups and recovery can be scoped to the chosen environment. Shared or dedicated hosting and geographic requirements are assessed separately. Performance targets, availability commitments and growth limits require deployment-specific validation; no unlimited scale is promised.



MEMBER AND BUSINESS EXPERIENCES

From platform capability to practical experience.

Professional and member communities

Provide a branded space for members to maintain profiles, participate in discussions, join groups, build connections and communicate privately. Configure contribution and visibility rules around the community's approved operating policies.

Foundation: Member profiles, community feeds, groups, relationships and messaging.
Engagement scope: Onboarding policies, community structure, moderation responsibilities and branding.

Learning and skills programs

Present course information alongside structured learning journeys. Selected learning experiences support account-linked progress and completion records. Broader curriculum administration, enrollment and assessment services can be evaluated as part of a learning deployment.

Foundation: Course discovery and selected progress/completion experiences.
Expansion scope: Instructor authoring, managed enrollment, protected curriculum, broader assessment workflows and reporting.

Career and opportunity networks

Present relevant opportunities within a professional community experience. An expanded careers deployment can introduce employer submissions, review workflows and controlled applicant journeys after the required policies and integrations are established.

Foundation: Opportunity discovery and content display.
Expansion scope: Employer onboarding, job creation and editing, application handling, recruiter access and candidate tracking.

Knowledge and engagement hubs

Bring editorial content, community contributions, media and selected event information into a consistent discovery experience. Add publishing or event participation workflows according to the agreed delivery scope.

Foundation: Content discovery, member submissions and selected event information.
Expansion scope: Expanded editorial administration, event registration, approvals and engagement reporting.

> PRODUCT DISCOVERY · EXPANSION SCOPE
>
> **Product discovery themes — expansion scope:** AI in education · learning experience platform · AI learning assistant · AI agents for education · AI career coach · LMS integration · learning analytics · xAPI · webhooks.

These terms describe adoption and extension opportunities, not a claim that AI assistants, standards integrations or advanced analytics are already available.

INTEGRATION AND GOVERNANCE

Designed for controlled, purposeful delivery.

Selective service integration

Connect approved platform capabilities to customer-facing experiences through managed integration services. The deployment design defines which services are included, which systems retain ownership of information and which actions each user group may perform.

Web and mobile experiences

Use a consistent service foundation across supported client experiences. Delivery may include a branded web experience, mobile-facing integration or a combination agreed during discovery. A separate mobile application or app-store release is not automatically included.

Data ownership and controlled exchange

Establish data ownership, permitted use and sharing boundaries before enabling integrations. Member-specific information and public content require different access and handling rules. Additional business systems are assessed individually rather than connected with unrestricted access.

MANAGED HOSTING · RETAINED RIGHTS

Managed hosting, retained ownership: LearnHive hosts and manages the CMS under the agreed service scope. Your organization retains ownership of its data and copyright in its original content; third-party content remains subject to its applicable rights and licenses. Hosting, permitted processing, export, retention and exit arrangements are defined in the deployment agreement.

Operational readiness

Agree support ownership, service dependencies, monitoring, recovery expectations and acceptance criteria before launch. Hosting arrangements, geographic requirements, availability targets and capacity commitments are confirmed during deployment assessment, not assumed from this brief.

Governance and responsible delivery

- **Permission-aware access:** User actions are subject to approved identity, role and resource-access policies.
- **Privacy-aware experiences:** Public presentation and member-specific information are treated separately.
- **Moderated contributions:** Submission and publication workflows can reflect an organization’s editorial and community rules.
- **Protected integration:** Service access and credentials are managed within the approved deployment architecture.
- **Controlled change:** Extensions are assessed, tested and accepted before they are introduced into service.
- **Transparent completion records:** Learning completion features must reflect the agreed assessment and evidence policy. They are not a representation of accreditation or professional licensing.

Security, privacy and compliance requirements are assessed for the intended deployment. This overview does not assert an independent security certification, regulatory certification or universal compliance status.

AI AND INTEROPERABILITY

AI and interoperability design options.

Expansion scope, not a live feature inventory. AI services, enterprise identity connections and standards-based learning exchange are assessed and validated separately for each deployment.

Custom MCP integration through LH Exchange

The Model Context Protocol (MCP) can connect an approved AI application to selected tools and information sources. A scoped LH Exchange extension can provide organization-authorized data retrieval, visualization and reporting through approved MCP servers. MCP supplies the connection model; it does not automatically supply analytics, charts or unrestricted access.

> **Potential uses:** Query approved organizational data, prepare visual summaries and generate permission-aware reports. Start with read-only access; any action that changes information requires separately approved permissions and, where appropriate, human confirmation.

PROPOSED MCP DESIGN SCOPE

MCP design scope: MCP architecture · MCP security. These terms apply to a proposed integration design, not an assertion of an existing MCP service or security certification. Review server trust, tool permissions, organization boundaries, consent, auditability and untrusted tool responses; never let an AI connection bypass source access rules.

Governed AI workflows

Learning assistance and career guidance can be evaluated with human oversight, approved knowledge sources and clear limits on automated actions. Scope AI orchestration and agentic workflows alongside guardrails, evaluations, access controls and operational monitoring. No autonomous decisions about admission, hiring or learner outcomes are implied.

AI GOVERNANCE · DESIGN SCOPE

Technical service-flow themes — design scope: AI agent governance · agentic AI governance · AI guardrails · AI orchestration · agentic workflows · AI agent security · AI observability · AI evals · enterprise AI architecture.

Identity, learning records and event exchange

IDENTITY & LEARNING EXCHANGE · INTEGRATION OPTIONS

Integration options: SAML · OIDC · LMS integration · learning analytics · xAPI · webhooks. SAML or OIDC requires a compatible identity provider and reviewed access mapping. xAPI requires a compatible learning record store, agreed activity statements and learner-data policies. Broader learning analytics and outbound webhooks require scoped data definitions, authorization, delivery controls and validation; existing completion records do not establish xAPI conformance.

GROWTH AND EXTENSION

A defined path for expansion.

Expansion area	Potential scope	Required assessment
Learning operations	Course creation, curriculum editing, enrollment, assessments and learner reporting	Learning model, author permissions, learner access and assessment rules
Employer services	Job submissions, listing management and publication review	Employer verification, ownership and moderation
Recruiting workflows	Applications, candidate tracking and controlled recruiter access	Consent, private document handling, retention and recruitment policies
Events and participation	Registration, attendance and organizer workflows	Event model, approvals, capacity and participant privacy
Business integrations	Selected external services and coordinated information exchange	System compatibility, authorization, ownership and support boundaries
Insights and reporting	Agreed operational measures and controlled reporting	Data availability, privacy, access rules and reporting definitions
Commercial services	Paid access or transactional workflows where required	Commercial model, service-provider suitability and entitlement controls

Expansion areas are opportunities for a scoped engagement, not commitments that every feature is already implemented or available. Delivery depends on feasibility, agreed requirements, service compatibility and acceptance.

How to read capability availability

Established foundation means capability represented in the existing platform implementation. Availability in a new deployment remains subject to configuration and acceptance.

Deployment configuration means branding, policies, permissions, service connections and operational arrangements that must be agreed for each engagement.

Expansion scope means an extension that can be evaluated and developed separately. It is not a representation of a live or generally available service.

DEPLOYMENT ENGAGEMENT

Plan your LearnHive deployment.

1 — Define the use case

Identify the audience, business objective, initial member journeys and desired launch scope.

2 — Review fit and dependencies

Assess existing systems, content sources, account policies, integrations and operational constraints.

3 — Agree the delivery scope

Confirm included modules, configuration, extensions, responsibilities, milestones and commercial terms.

4 — Configure, integrate and validate

Build the agreed experience and verify functional behavior, permissions, privacy and operational readiness.

5 — Launch and plan the next stage

Complete acceptance, establish support ownership and prioritize any subsequent expansion.

Start a deployment conversation

Discuss a LearnHive deployment for your organization.

Contact the LearnHive platform owner, or reply directly to the person who shared this document, to request a platform walkthrough, integration assessment or scoped deployment discussion.

To make the initial conversation useful, share:

- Your organization and intended audience.
- The member, learning or opportunity experience you want to deliver.
- The systems or services that need to connect.
- Your desired launch timeframe and any security or privacy requirements.

Detailed integration specifications and deployment arrangements are shared through an agreed engagement process. Access to platform services is not granted by this document.