

FHIRBridge User Guide

Step-by-step guide for using FHIRBridge from login through conversion, terminology, validation, live feed testing, learning paths, and readiness evidence.

Demonstration Baseline

- Sign in with demo/demo and use synthetic data only.
- The supplied workbook should convert 2 rows into 2 Bundles and 16 FHIR resources.
- The seeded workflow should show zero fatal/error blockers and accepted mock interface jobs.
- Warnings and information findings are review evidence, not Ontario Health acceptance.
- Live Ontario Health transport and production PHI are not enabled for this demonstration.

Steps

1. Sign in: Open the platform

Action: Go to <https://fhirbridge.ca> and sign in. For training, use demo/demo.

Expected result: The Overview dashboard opens and the left navigation is visible.

Evidence: Authenticated workspace access.

2. Start with readiness: Run and interpret readiness

Action: Open Readiness, review the current gates, and export the readiness workbook. For the seeded demo, distinguish demo-ready mechanics from blocked production gates.

Expected result: Conversion/storage gates are ready; mappings need review; external validator, official package, and production access gates remain visibly incomplete.

Evidence: Readiness workbook and documented gate decisions.

3. Prepare source data: Download template and demo data

Action: Use Download template and Download demo data from Overview.

Expected result: You have the controlled workbook structure and a practice data set.

Evidence: Template and demo workbook downloads.

4. Convert data: Upload source workbook

Action: Use the conversion upload panel, select the demo/source workbook, and run Convert to FHIR.

Expected result: The supplied demo workbook converts 2 rows into 2 Bundles and 16 FHIR resources with zero rejected rows and zero fatal/error blockers.

Evidence: Conversion job, two Bundle records, resource inventory, and downloaded Bundle JSON.

5. Review mappings: Open Mappings

Action: Review PDS fields, source fields, FHIR targets, mapping rules, status, and export workbook.

Expected result: Mappings are understood and review status is visible.

Evidence: Mapping workbook export and owner decisions.

6. Review terminology: Open Terminology

Action: Search the local catalogue, review code table concepts, run self-check, and export terminology evidence.

Expected result: Terminology gaps and local crosswalk needs are visible.

Evidence: Terminology export and warning triage notes.

7. Validate FHIR: Open Validation

Action: Review the persisted conversion findings, separate blockers from warnings/information, and export validation evidence. Use manual Bundle validation when testing a separate payload.

Expected result: The seeded demo shows no fatal/error blockers; terminology-snapshot and missing external-validator findings remain visible and must not be described as Ontario Health acceptance.

Evidence: Validation report and issue log.

8. Test interface-engine workflow: Open Live Feed

Action: Test the Excel source and mock endpoint, submit one synthetic Bundle immediately, queue another, process next, and review feed activity.

Expected result: Both jobs reach accepted mock status with HTTP 201 semantics, while transport remains visibly labelled mock and dry-run.

Evidence: Bundle identifier, queue status, HTTP/mock status, OperationOutcome diagnostics.

9. Complete learning: Open Learn

Action: Choose FHIR, PDS data set, terminology, validation, submission, or role learning paths.

Expected result: Learners can follow labs, scenarios, glossary, job aids, rubrics, and capstone deliverables.

Evidence: Downloaded course material and completed capstone evidence.

10. Export evidence: Build readiness package

Action: Export mappings, terminology, validation, audit log, conversions, readiness, and course evidence.

Expected result: The implementation team has readable workbooks containing job, Bundle, resource, issue, package, gate, and audit evidence.

Evidence: Named evidence package with reviewers and dates.

11. Prepare production transport: Review settings and transport mode

Action: Confirm validation package, endpoint, dry-run/live mode, token governance, and Ontario Health onboarding requirements.

Expected result: The team records a no-go until the authorized package, external validator, production authentication controls, approved endpoint, and credentials are complete.

Evidence: Transport checklist and readiness sign-off.