Learner Record Gateway Project
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DXtera Institute Priority Areas

- Next Generation Education Systems
- Data Management Solutions
- Integration Solutions
Learner Record Gateway (The First Mile)

Record Authorization App

- Allows learner to authorize access to all or part of their academic record. User is authenticated via issuing institution's authentication process, alumni id, DID etc. This application may also serve to trigger credential construction and publishing.

Campus SOR or ODS

Learner Record Gateway

CampusAPI

- REST Protocols
- Chronicle
- Program
- Course
- Etc.

(DXtera Learner Record model document)

Credentialed Constructor/Publisher

- Triggered by:
  - Learner
  - Issuing Institution
  - LRG Change/Delete Notification

- Secure access to LRG only for records that the process, or its user agent or surrogate, has been authorized to access.

DXtera's service framework includes an authz control layer between the SOR connectors and REST processing. Authorizations can be managed by user agents for those records on which they are authorized to create authorizations. Yes, it's a bit of a tongue twister.

It also includes id alias management for mapping external identifiers to local resources.

DXtera Service Runtime

Optional Issuer Verification

Target LER Network

Target LER Network

Target LER Network

Campus SSO Security Perimeter
## Learner Record Domain Model
Examination Document and [LRG Project](#)

Draft REST Documentation:
[Chronicle](#) [Program](#) [Learning](#) [Course](#) More on the way…

[DXtera Service Framework Description](#)
Thank you

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