

The Linking of CEDS to A4L's Unity

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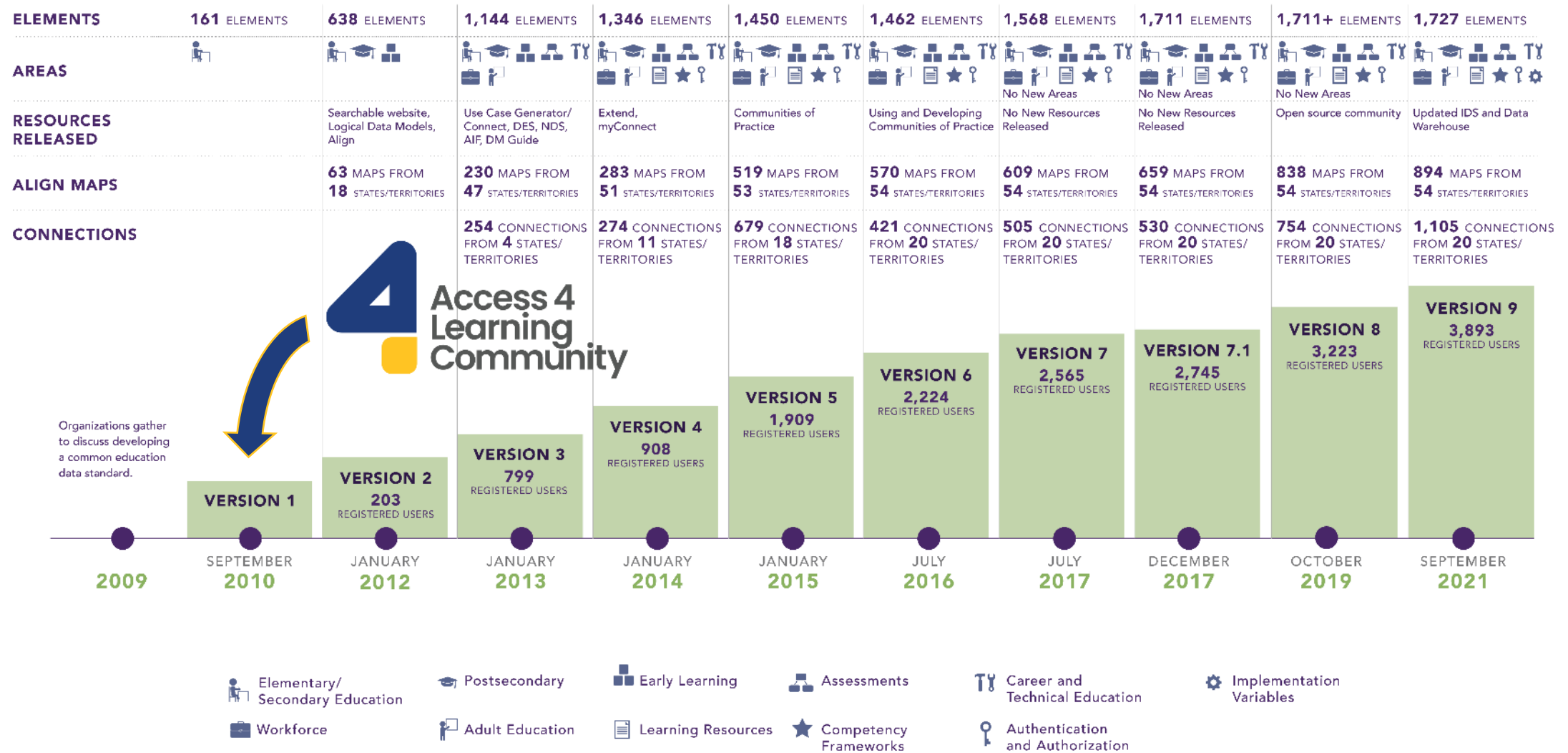
Session Overview

- CEDS & A4L Joint History
- Current State
 - Open-Source Community
 - Key Use Cases
 - Federal Reporting
- Future Direction
 - Privacy Domain
 - Longitudinal Standard

CEDS & A4L Shared History

TIMELINE OF CEDS

FALL 2021



CEDS by the Numbers

Significant Expansion & Improvements

60 new elements – Adult Education; Credentials;
Early Learning; K12; Postsecondary; Workforce;
Implementation Variables

107 updated elements

235 context updates in the CEDS Domain Entity
Schema to support new use cases

256 cross-reference updates to the
Domain Entity Schema

304 option changes involving 53 elements

CEDS v10 Release

Adult Education, K12, Postsecondary, Workforce
Credentials, Early Learning, Implementation Variables



10

CEDS by the Numbers

20+

Solution Provider Office Hours

More than twenty staff from ten solution providers
joining CEDS Solution Provider Office Hours



CEDS v10 Release

Adult Education, K12, Postsecondary, Workforce
Credentials, Early Learning, Implementation Variables



Solution Providers

Cedar Labs

CPSI

Crocus

DB Driven

Double Line

eScholar

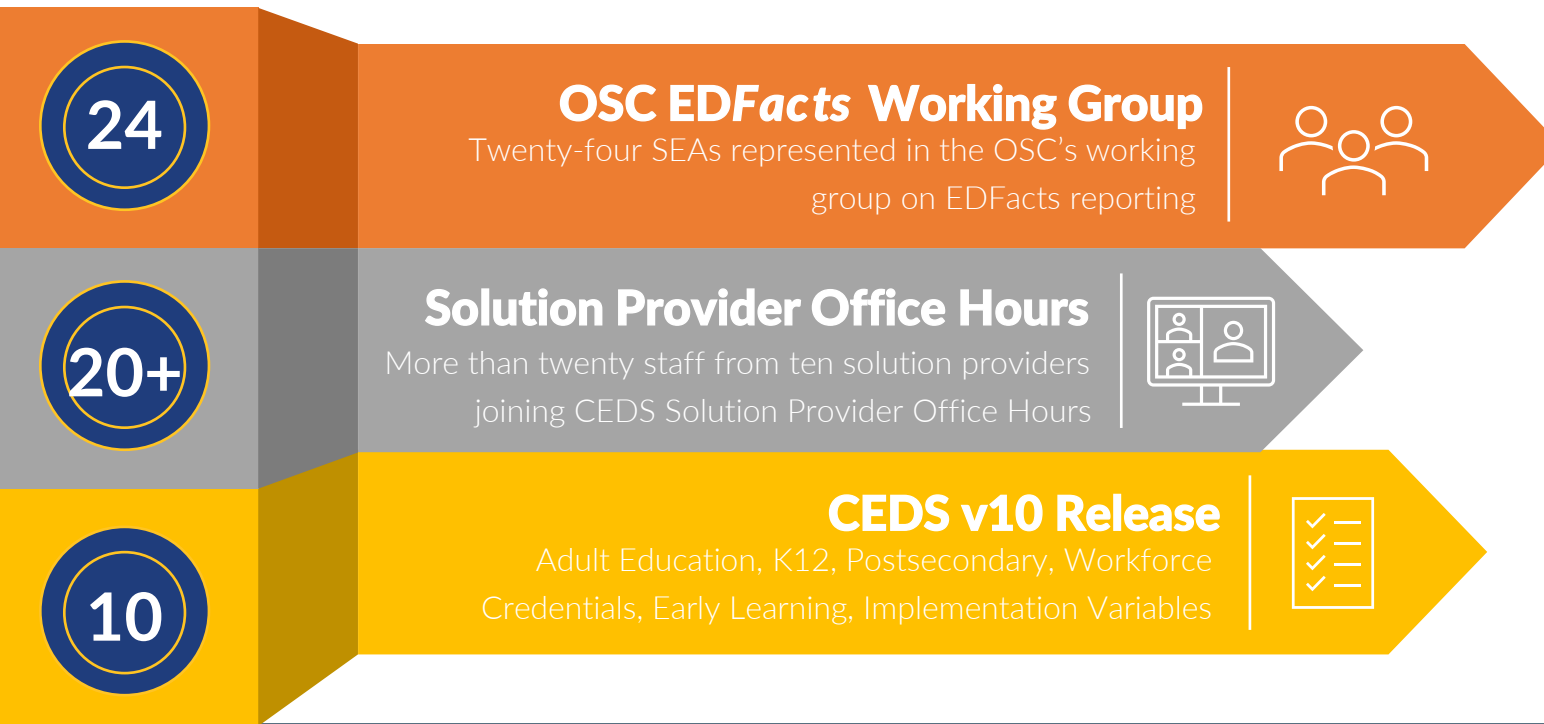
ESP Solutions

MSF&W

OtisEd

Powerschool

CEDS by the Numbers



ANALYSIS

55 working group members
1 standardized EDFacts
Connection template developed

CEDS by the Numbers



ANALYSIS

19 State Education Agencies Implementing

Representing...

24,788 Schools

680,994 Teachers

10.5 Million Student Records

Current State

Open-Source Community

Key Use Cases

Federal Reporting

Open-Source Community (OSC)

- Open-Source Community (OSC)
 - All CEDS development occurs in the OSC
 - OSC processes require look at A4L

Rubric – Does proposed solution meet CEDS requirements?

This rubric is used to determine if the solution provided by the stakeholders meets all criteria required by CEDS.

- Element Additions or Changes
 - CEDS Naming Standards are adhered to (<https://ceds.ed.gov/pdf/naming-standards.pdf>)
 - Source documentation related to how the addition or change was determined was provided.
 - An analysis of applicable standards that cover the category of data (e.g. A4L, Ed-Fi, PESC, IMS Global, etc.) for this addition or change was conducted and documentation was provided. The documentation contains the analysis of the other standard(s). The documentation indicates if the element exists in the other standard or if what exists conceptually aligns to the CEDS element being changed or to the new element being proposed. If there is any conceptual divergence from the other standard, that will be documented and provided to the community.
 - For any new element where an existing definition or standard has not already been created or vetted for this addition or change, at least three distinct stakeholder agencies or organizations have reviewed the addition and agree with the addition or change.

Open-Source Community (OSC)

- Open-Source Community (OSC)
- Key Use Cases
 - State Metadata
 - Longitudinal Data Warehousing
 - Federal Reporting & Generate

Future State

Privacy Domain

Longitudinal Standard

Future State

- Privacy Domain
 - PODS Integration

Future State

- Privacy Domain
 - PODS Integration
- Longitudinal Solution
 - Enabling consistent uses of consistent data – standardized data warehousing model
 - Importance of differentiating SIS (transactional) with LDS (warehouse)
 - Examples of states connecting to non-education data
 - Ways A4L as a community can help shape future directions