

Scoping Your Implementation



Presenters



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Session Introduction & Content

During this session, we will discuss AI, merging local infrastructure with the SIF Infrastructure, cross vertical integration with JEDx, and costs, and we will cover:

- Infrastructure
- Costs
- On premise / in the cloud
- Pros/cons of both
- Other pieces to be considered?
- Other data standards - how to weave these into an implementation

SIF Events

- Do you want them?
- Do your vendors support them?
- Alternatives?

IMMEDIATE or DELAYED

The customer decides, but:

- Apps with a lot of data prefer DELAYED (load management)
- Simple apps prefer IMMEDIATE (easier to code)
- Security Implications

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Infrastructure Option #2

IMMEDIATE Mode Vs DELAYED Mode

- Unity provides an amazing flexibility in allowing immediate or delayed mode at the level of the object
- Determine the size of the objects you are collecting and set up large objects (like StudentAcademicRecord) in delayed mode while other objects like StudentPersonal and Enrollments can continue in Immediate mode
- SIS and Vendor Preferences: Many SIS vendors function in Immediate mode. Others select Delayed mode. Determine from your vendors what they prefer and set up Unity to match their preference. You can customize by vendor.

SIF Events

- Do you want them?
- Do your vendors support them?

SIF Update Requests

- Same two questions plus:
- What about law and policy?

Other Considerations

Do you have multiple data sources or recipients?

- Example 1: state with various SIS vendors
- Example 2: district OR state collecting from SIS, HR, LMS
- Example 3: district SIS to bus, meal, library
- Example 4: Bi-Directional with State ID

Other Considerations

Data privacy protection

- Integration provider—do you need a custom agreement?
- NDPA for providers and subscribers
- Per-app enforcement of Exhibit B

Engagement and Protocol

Engagement Objectives:

1. Target Vendors - PowerSchool, Infinite Campus, Common Goal, etc.
2. Alignment - Secure firm commitment to the Unity migration timeline
3. Scope Determination - Impact analysis required
 - a. Identify all peripheral applications affected by the move
 - b. Catalog specific systems affected by potential codeset changes

Privacy Obligation Documents and Validation

1. Privacy Obligation Documents

- a. Implement POD documents within the data layer to provide privacy and security for the data

2. Validations

- a. Validations for file level data collections are very different than validations for real-time data collections.
- b. Transpose current file level validations to match SIF Unity-based object validations
- c. The rules don't change but the implementation is completely different.