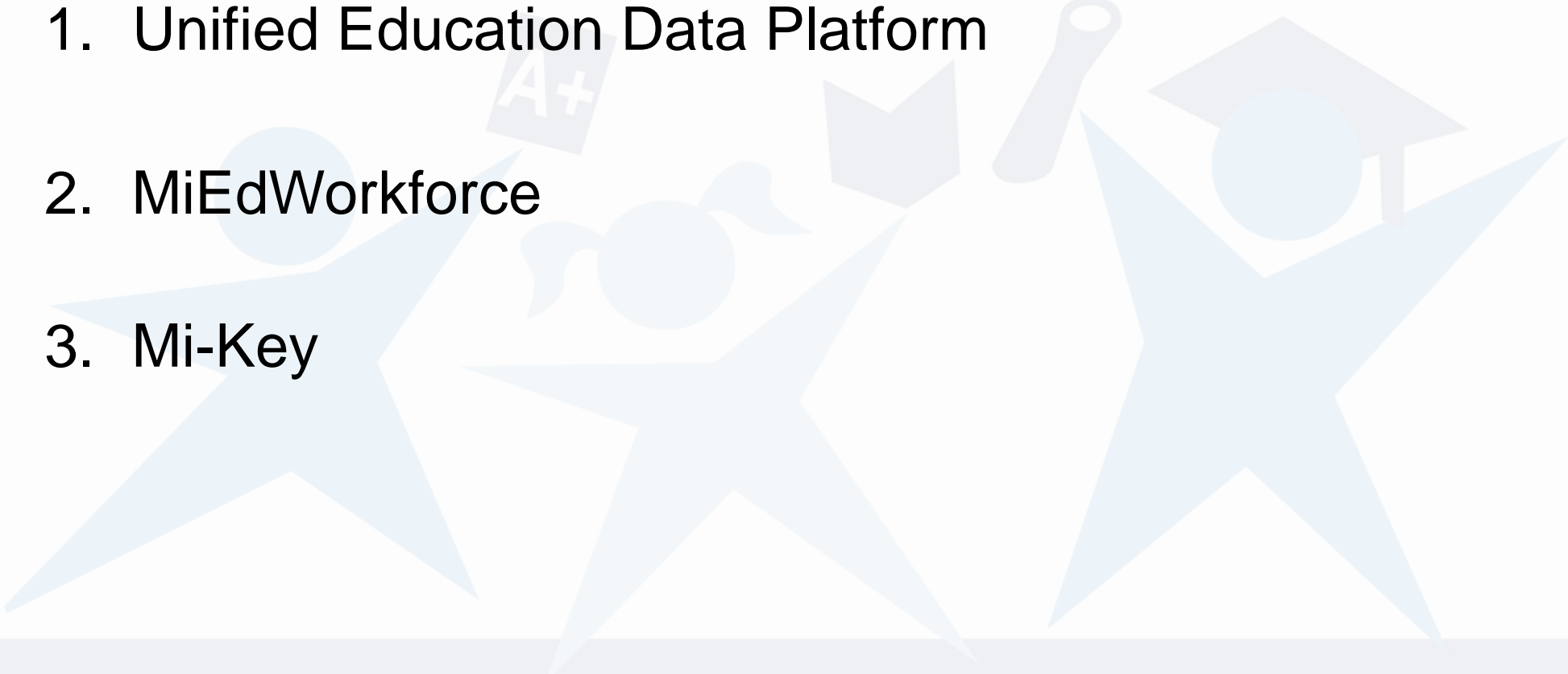


CEPI Modernization Projects

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Michigan Data Hub Conference
October 14, 2024

Overview

1. Unified Education Data Platform
 2. MiEdWorkforce
 3. Mi-Key
- 

Unified Education Data Platform

- A single system for data collection and reporting
- Includes the following:
 - Unified standards-based framework
 - EEM and SID
 - MI School Data

Unified Education Data Platform

Goals:

- Improved customer experience
- Improve data quality
- Reduce costs for future modernization efforts
- Reduce time from data collection to publication
- One-stop-shop
- Allow for real-time data updates

Road Map

WE ARE
HERE

Phase 2

- Apply for state ITIF grant

Phase 4

- Begin system development

Phase 1

- Requirements gathering
- Create CEDS Data Model

Phase 3

- Issue RFP
- Select vendor to develop system

What is MiEdWorkforce?

The Center for Educational Performance and Information (CEPI) and the Michigan Department of Education (MDE) are developing the **MiEdWorkforce** (previously known as MORE) data system to replace both the Registry of Educational Personnel (REP) and the Michigan Online Educator Certification System (MOECS), with the goal of reducing reporting burdens and improving data transparency.

MiEdWorkforce

- Project launched in early 2021
- Breaking a lot of ground and building understanding
 - Collaboration between 3 state agencies (CEPI, MDE, DTMB)
 - Aligning with CEDS / Building data models
 - Standing up Azure Cloud environment (first state IT project)
 - First state to merge staffing and credentialing systems
- Gathering requirements
- Partnered with Human Centered Design team to understand REP/MOECS pain points

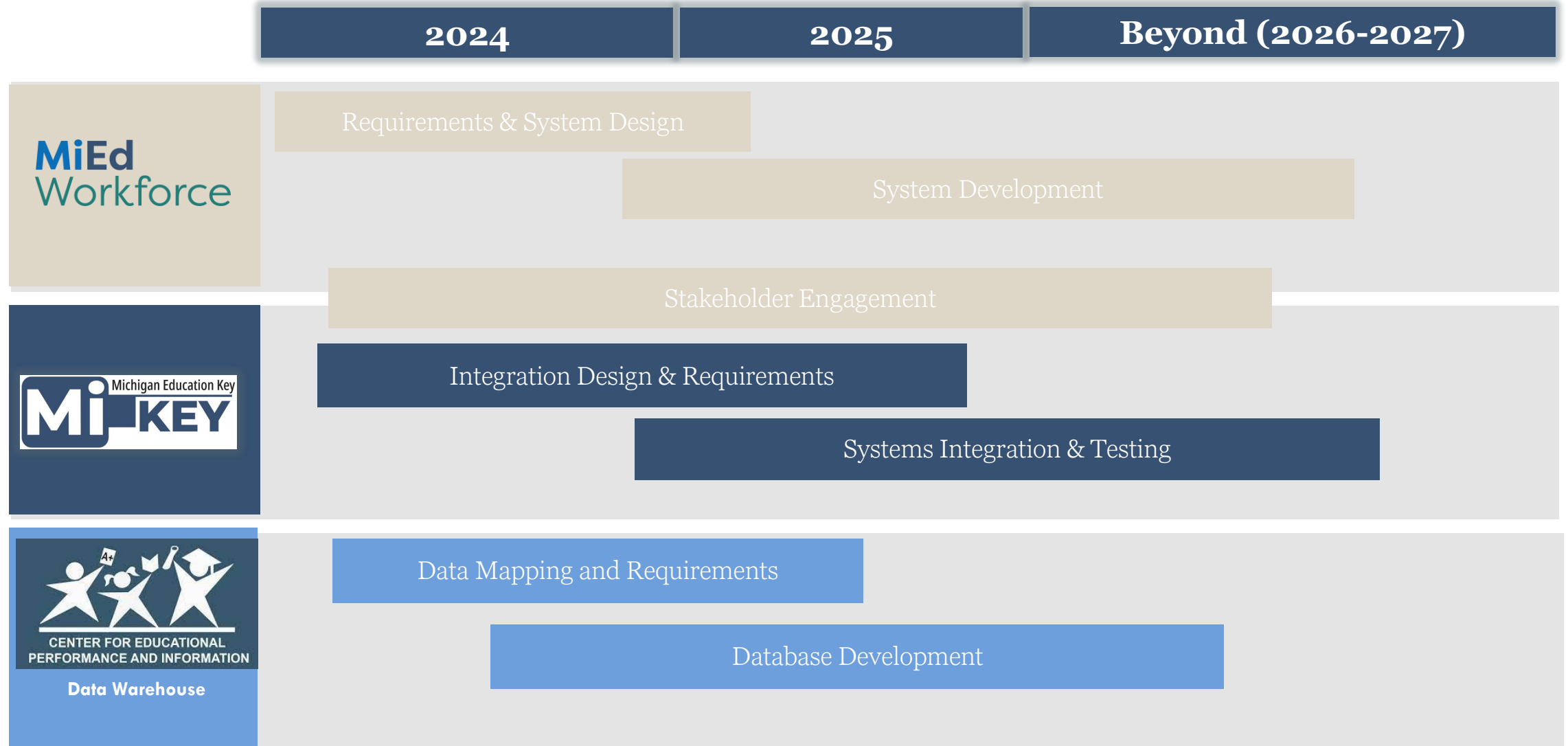
MiEdWorkforce

- April 2024: Confirmed and finalized scope
- July 2024: Decision to outsource remaining development
 - Issue RFP in Fall, onboard new vendor in Winter/Spring
- Fall 2024:
 - Launch/engage referent group

MiEdWorkforce

- Authentication and Authorization
- System admin functionality
- Business rules and validation
- Notification system
- Reporting
- Dashboards
- Staffing collections
- Integrated data quality
- Mi-Key (ID mgmt.) integration
- Auditing
- Educator Credentials
- Educator Preparation Providers
- Professional learning (including SCECH)
- Criminal history disclosures
- Payments and refunds

High Level Roadmap*



Continuous Improvement: Communication and Reactive Workgroup Feedback

* Timelines with integrating system are not finalized.

Mi-Key Update



**MICHIGAN
DataHub**



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Mi-Key

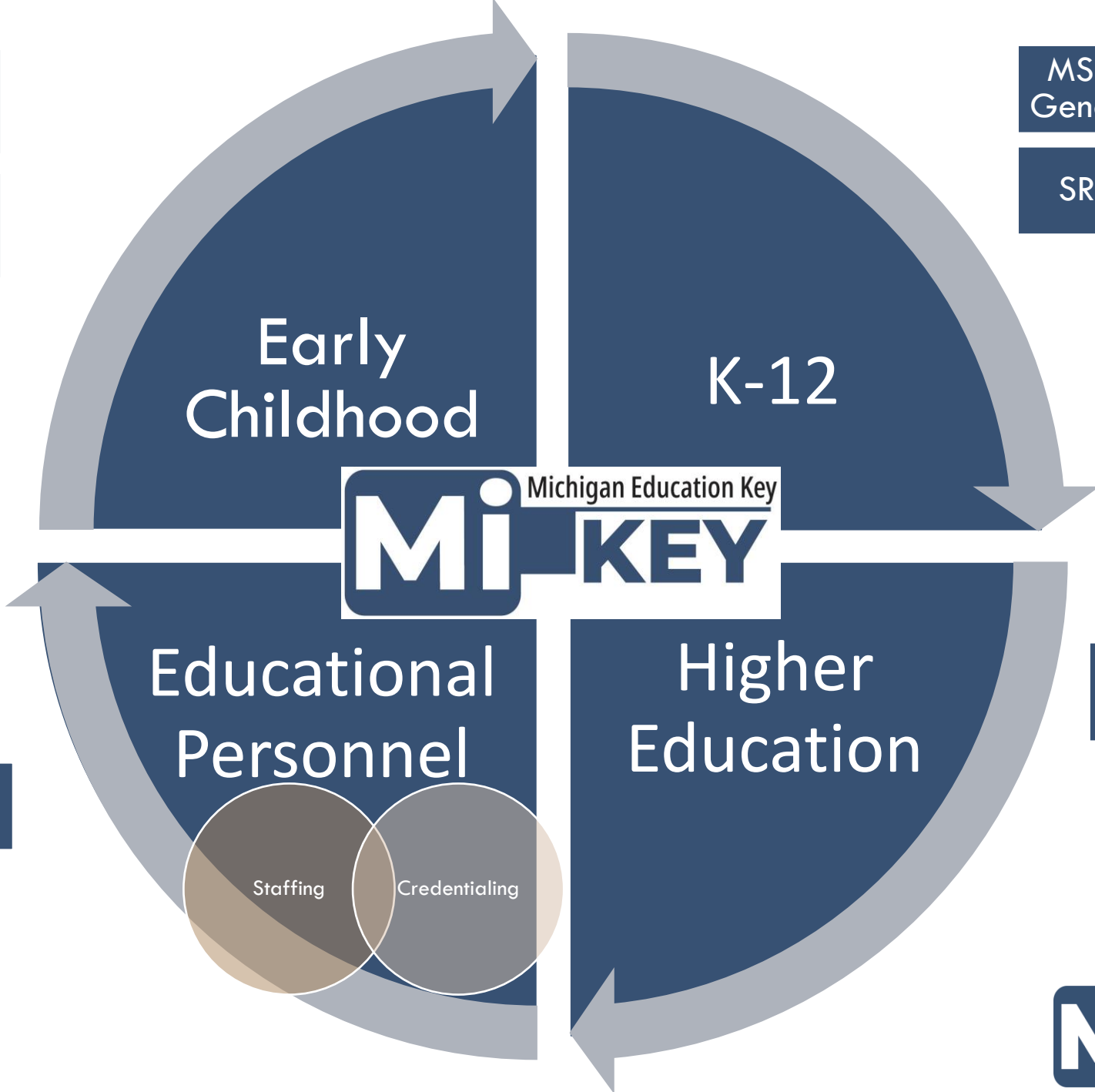
is an **integrated system** that maintains a **single unique identifier** for individuals in the education sector and uses advanced matching to let us **connect education data records over time**, including **student** (early childhood through postsecondary) and **education personnel**, resulting in reduced reporting burdens and increased efficiency.

Individual Data within Education Sectors

Early Childhood
CDC

MSDS General
TSDL
SRM
GAD
Direct Cert

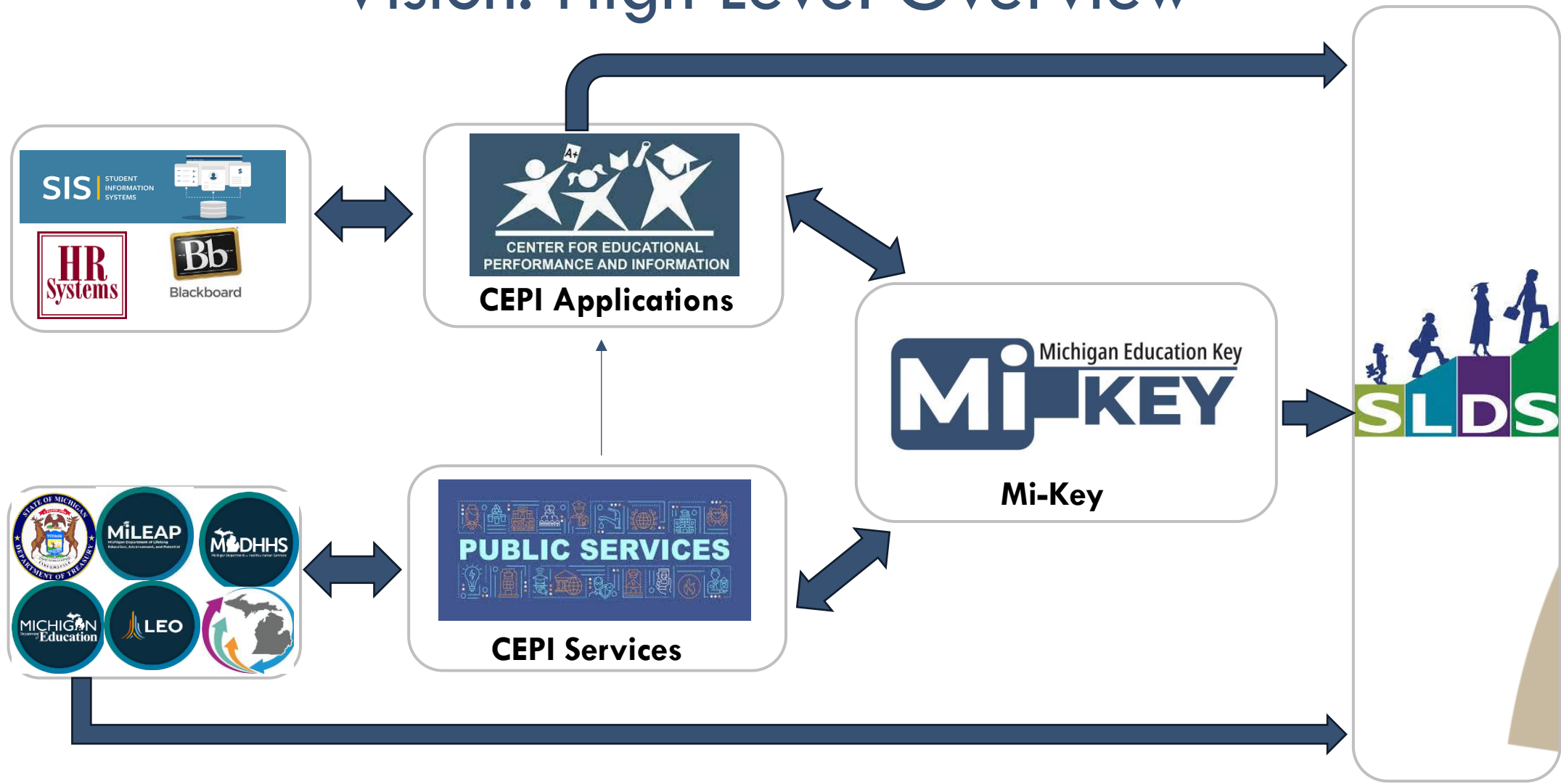
REP
NPSPR
MOECS



STARR

Mi KEY
Michigan Education Key

Vision: High Level Overview



Benefits of Mi-Key System



- **Single identifier** across education sectors; expanding research and reporting opportunities
- Leverage **new industry standard matching algorithms**
- Greater **flexibility** in matching
- Enhanced technical abilities by **expanding API usage**
- Alignment to **CEDS**

High Level Roadmap*



	2024	2025	Beyond (2026-2027)
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Uniq-Id

Base CEDS APIs

Critical Priority Enhancements

High Priority Enhancements

INTERNAL SERVICES
Internal APIs

Mi-Key Core APIs Available

REP
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Integration Analysis (Limited Backend Integration)

Testing and Implementation

MiEd Workforce
Education Personnel Including Public Services

Business Workflows

Integration Analysis

Source System Designs (UI/ APIs)

Student Systems (K12, HE) Including Public Services
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Business Workflows

Integration Analysis

Source System Designs (UI/ APIs)

Continuous Improvement: Communication and Reactive Workgroup Feedback

* Timelines with integrating system are not finalized.

REP Integration

- Limited back-end integration
- Minimal changes to REP
- PIC will remain as the state identifier
 - Existing PICs will be migrated to Mi-Key
- Mi-Key will generate new state identifiers (PICs) for new personnel
 - 10 digits, no leading zeros

Recap


1. Which is the vision of Mi-Key?
2. What system will Mi-Key be integrating with first?
3. Which of the following is a benefit of Mi-Key?
4. Will Mi-Key impact your work?







What's Next

- Continuous workgroup outreach as needed
 - Mi-Key updates to be posted on CEPI website
 - REP integration – late 2025
 - MiEdWorkforce Integration – 2027
- 



Communications



Coming Soon: *Mi-Key* Q&A document



Question & Answers



Q & A Preview

Q: What sort of support/resources will be provided to end users?

A: End user documentation will be provided as well as training for any business process changes. Additionally, we are actively working with our business teams to identify other venues that have been effective, such as virtual trainings and office hours. We will continue to seek venues via our partnerships with various associations.

Q: Will Mi-Key collect additional demographics that will allow for easier manual resolution?

A: CEPI will consider suggestions from end users on the inclusion of additional data fields that would be helpful for identifier resolution. In addition, Mi-Key will integrate with existing systems and will utilize additional data from those systems to help with the manual resolution process.





Thank you!

- Please place any questions on "Parking Lot" posters

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