




2018 NCES STATS-DC Data Conference

# One State, Two Initiatives: Indiana's Embrace of e-Transcripts and Credential Engine

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# Overview

- Indiana e-Transcript Program
- Indiana Scale-up of Credential Engine
- How these two initiatives and others fit together in a larger context, including:
  - Emphasis on Competencies
  - Use of Standards (XML and CTDL)



# Indiana e-Transcript Program

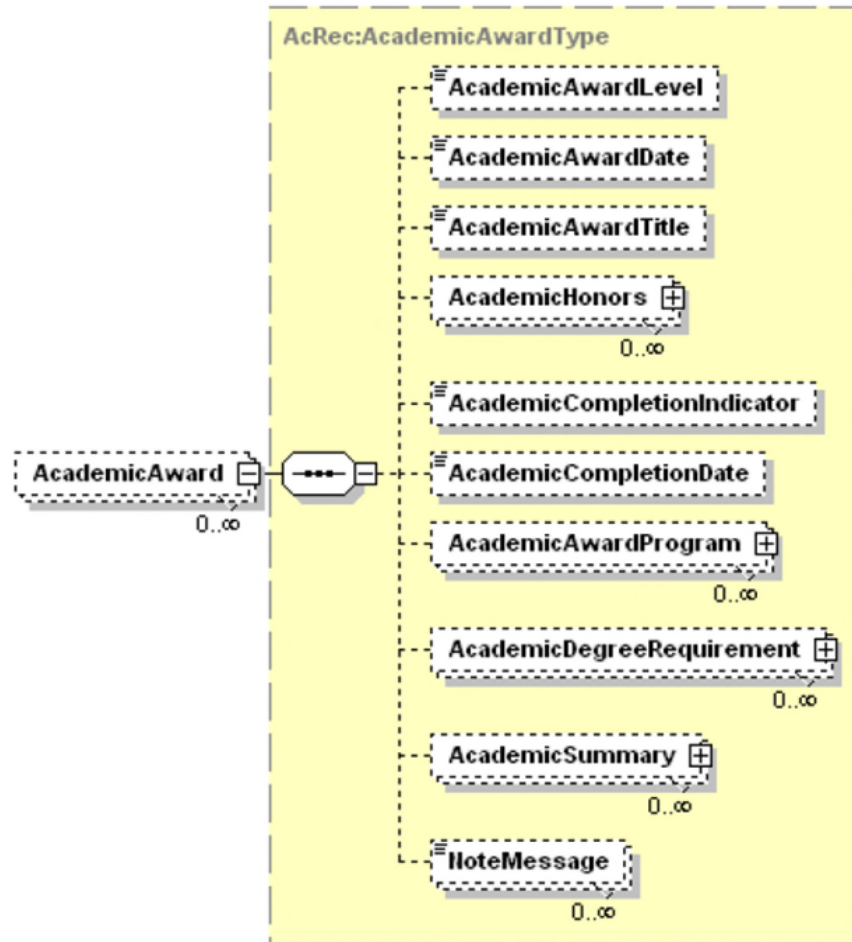


# Indiana e-Transcript Program

- The Program from Past to Present
  - High School to College
  - Since 2005, more than 1.5 million high school transcripts have been sent
  - About 200,000 are now sent each year
  - Now sending transcripts as XML data files, as well as PDF's



# Indiana e-Transcript Program PESC Schema



# Indiana e-Transcript Program Interlocking Responsibilities

## **Legislatively Mandated Responsibilities**

### **Indiana Commission for Higher Education**

- Receives State Appropriation
- Administers the Program
- Contracts with Parchment

### **Indiana Department of Education**

- Issues the common e-Transcript
- Reflects state mandates on e-Transcript
- Communicates with School Districts

### **Indiana Public Colleges and Universities**

- Specifies data fields needed for admission

### **Parchment**

- Provides e-Transcript Platform

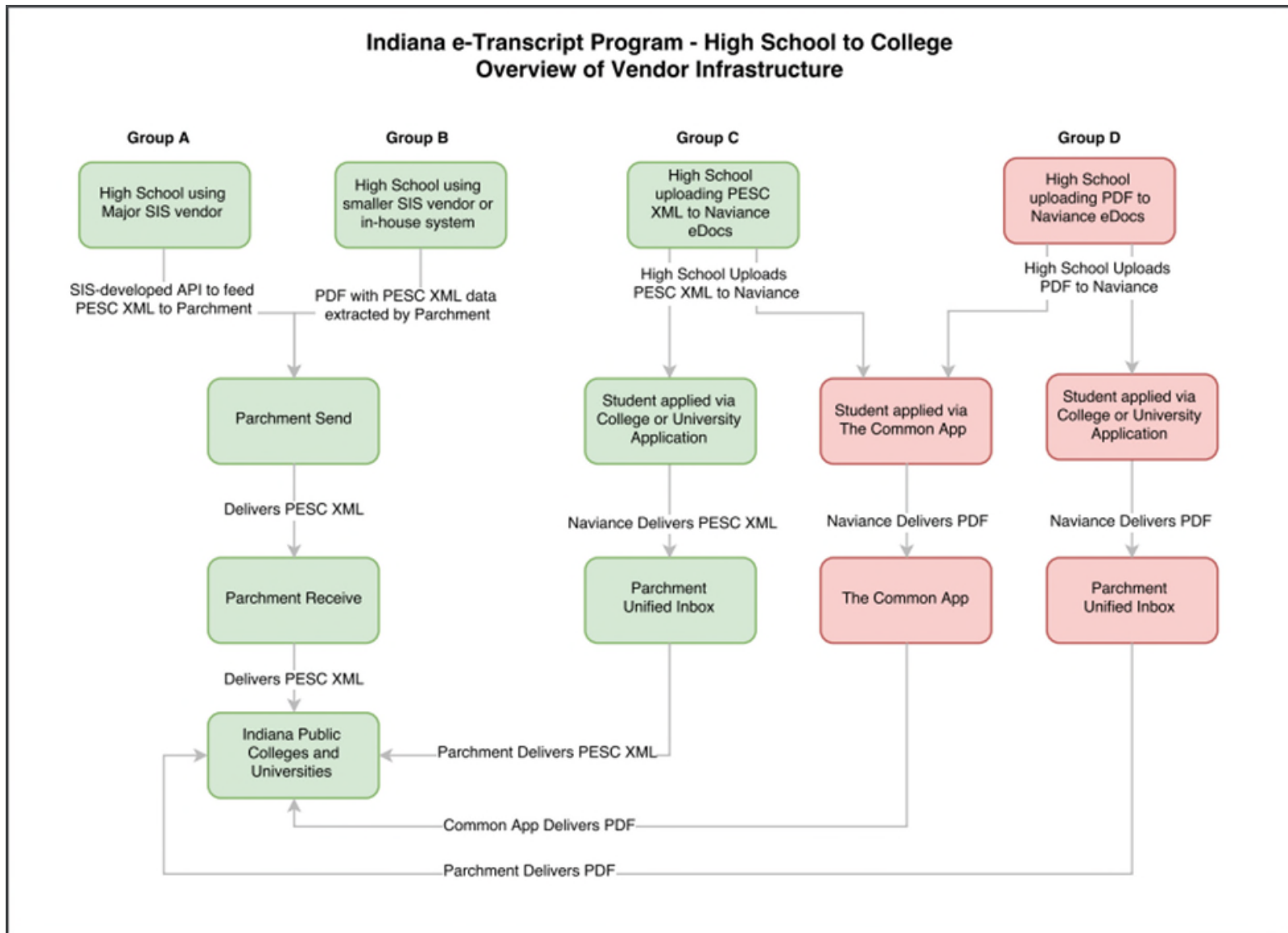


# Indiana e-Transcript Program High School SIS Vendor Data

Indiana e-Transcript Program - High School to College Public High Schools and Students by Type of Student Information System				
Group A - High Schools Using Major SIS Vendor				
SIS System	High Schools		High School Students	
	Number	Percent	Number	Percent
PowerSchool	135	35.0%	125,830	40.5%
Harmony	92	23.8%	35,470	11.4%
Skyward	51	13.2%	56,957	18.3%
Information Now	29	7.5%	22,229	7.2%
RDS	23	6.0%	31,794	10.2%
Specialized Data Systems	13	3.4%	6,151	2.0%
SunGard eSchoolPlus	8	2.1%	9,044	2.9%
<b>Subtotal - Group A</b>	<b>351</b>	<b>90.9%</b>	<b>287,475</b>	<b>92.5%</b>
Group B - High Schools Using Smaller SIS Vendor or In-House System				
Other	26	6.7%	14,214	4.6%
Infinite Campus	6	1.6%	6,011	1.9%
Synergy	3	0.8%	3,110	1.0%
<b>Subtotal - Group B</b>	<b>35</b>	<b>9.1%</b>	<b>23,335</b>	<b>7.5%</b>
Groups A and B - All Public High Schools				
<b>Total - Groups A and B</b>	<b>386</b>	<b>100.0%</b>	<b>310,810</b>	<b>100.0%</b>



# Indiana e-Transcript Program Vendor Infrastructure





# Indiana e-Transcript Program

## The Emerging Future 1

- Determining eligibility for state financial aid
- Harvesting more data for more granular analysis around student success
- College-to-College XML e-Transcripts
  - Multi-Directional Transfer
  - Reverse Transfer
  - Dual Credit



# Indiana e-Transcript Program

## The Emerging Future 2

- Comprehensive Learner Records/Enhanced Transcripts
  - Competencies
  - Certifications
  - Workplace Experiences
  - Workplace Skills
  - Project-based Learning
  - Critical Thinking



# Credential Engine



# Indiana Scale-up of Credential Engine

- The Scale-up from Past to Present
  - Indiana: the first statewide scale-up of Credential Engine
  - Initial emphasis on health-related credentials
  - Half of the grant went to incorporate military allied health credentials
  - Work has gone far beyond initial emphasis



# Credential Engine

## Indiana Credentials and Organizations on the Credential Registry

### Number of Indiana Organizations (Credential Providers)

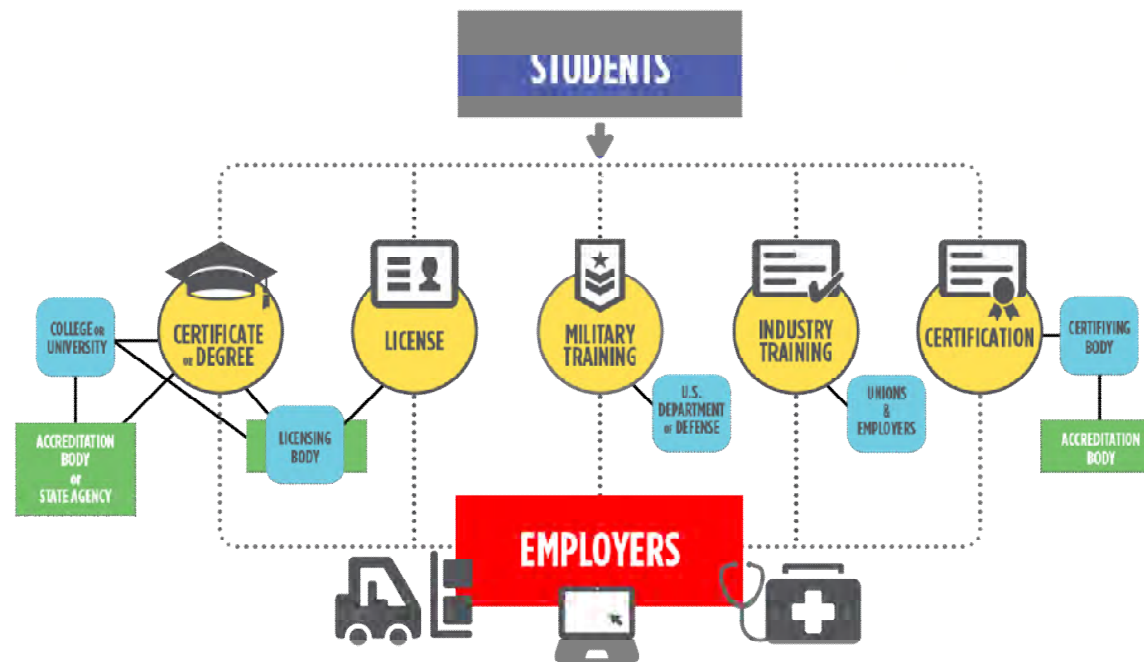
All Public Colleges and Universities	16
Non-Profit Universities	2
All Health Licensing Boards	20
<b>Total</b>	<b>38</b>

### Number of Indiana Credentials

Certificates	275
Associate Degrees	259
Baccalaureate Degrees	176
Graduate Degrees	164
Health Licenses	33
<b>Total</b>	<b>907</b>



# Slice 1: The Core Information

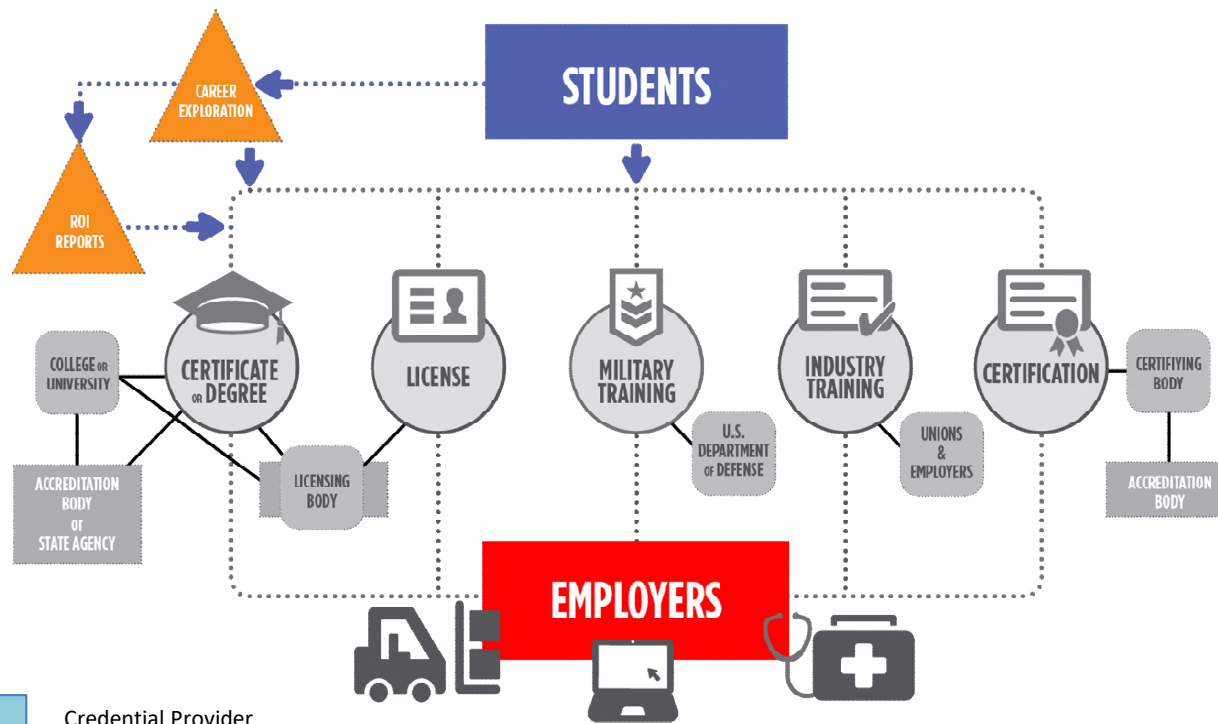


**KEY:**

- Credential
- Credential Provider
- Tools
- Quality Assurance Entity



# Slice 2: Adding Applications and Value



KEY:

Credential

Tools

Credential Provider

Quality Assurance Entity



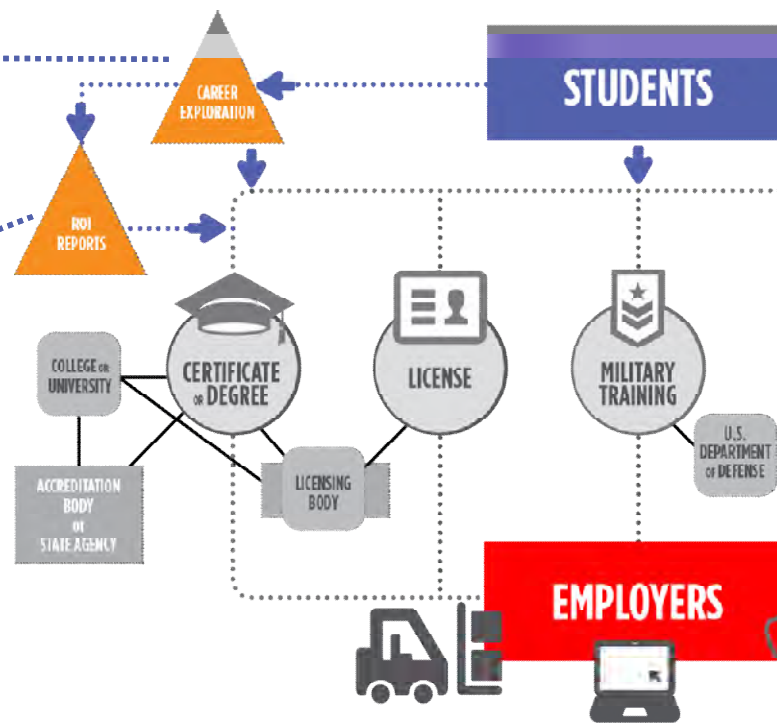
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# Applications Can Be Easily Linked to Credential Engine

Career Explorer  
Naviance  
YouScience

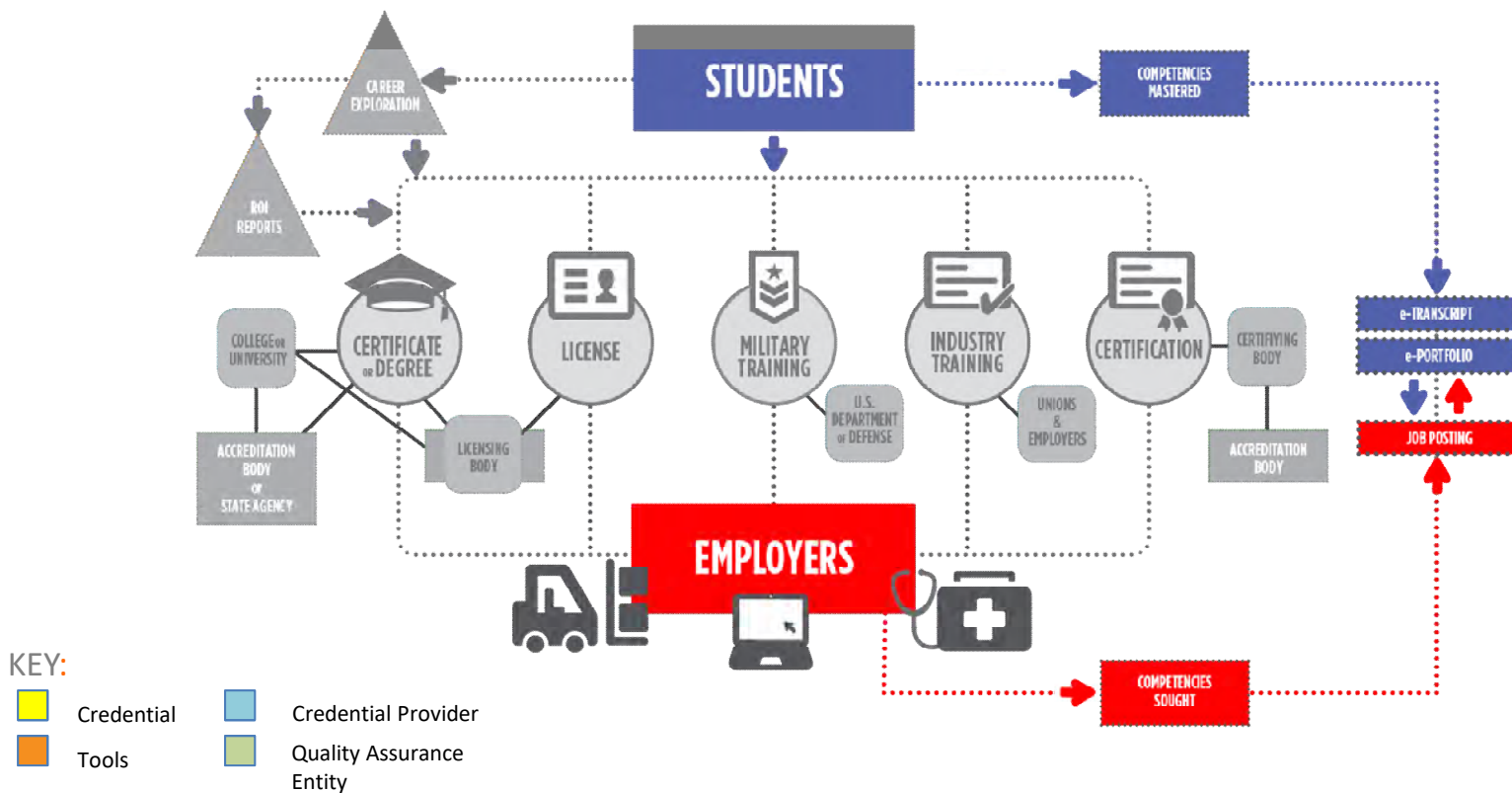
- Tools used to explore career interests and career aptitude

DWD/CHE  
Return on Investment Reports

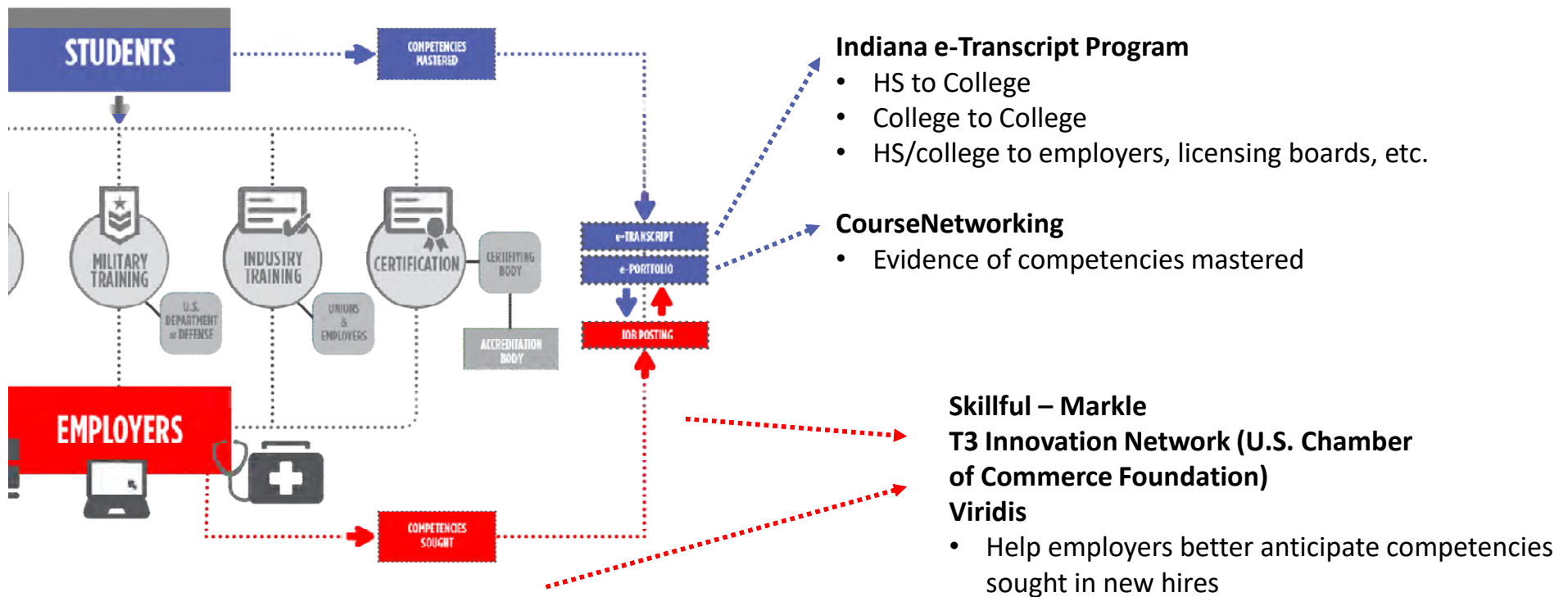




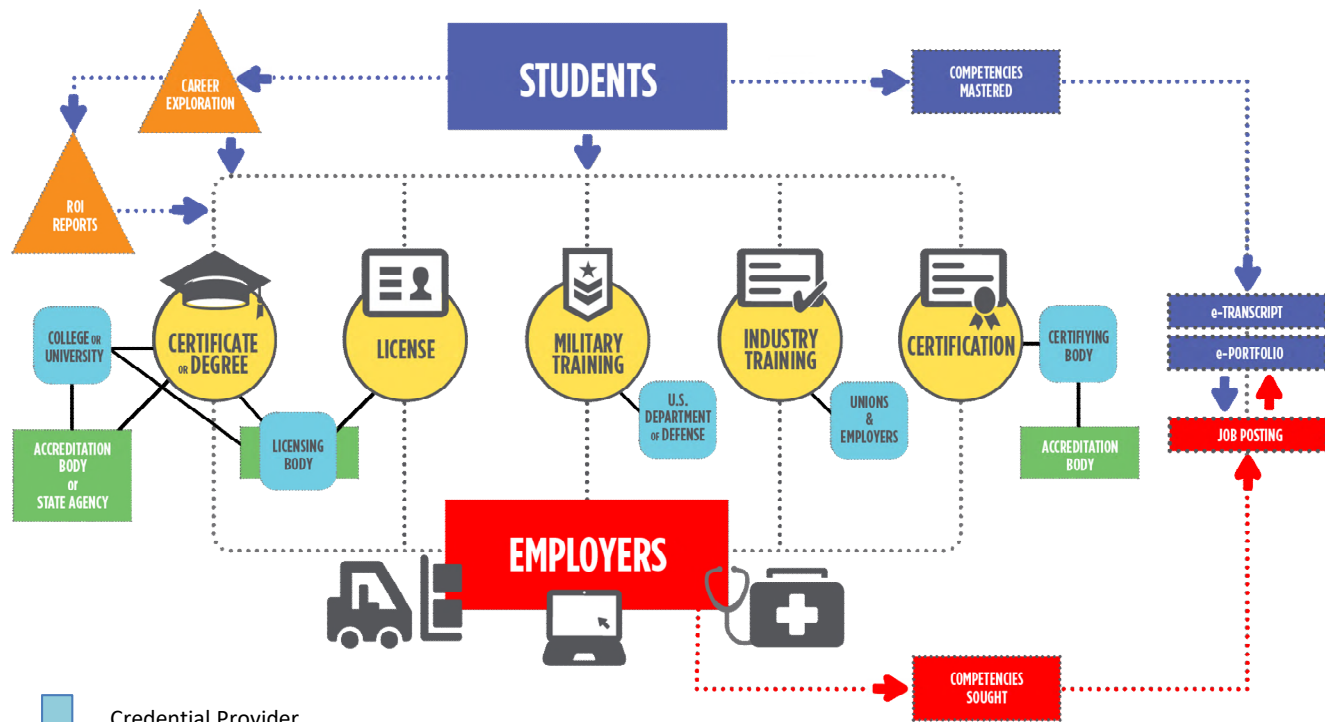
# Slice 3: Connecting Resumes and Job Postings



# Relationship to Indiana Current or Potential Initiatives



# Putting It All Together



- KEY:**
- Credential
  - Credential Provider
  - Tools
  - Quality Assurance Entity



# Credential Engine

## Use Cases 1-4



**Healthcare Industry** – By publishing all health-related credentials in Indiana on the Registry—such as certificates, certifications, licenses, and degrees of all types and levels—prospective students can better search for and understand their education and training options in the state and the competencies acquired through these credentials, helping students make more informed decisions.



**Military Training and Experience** – Indiana has put an emphasis on translating military training and experience into meaningful college credit. The Registry shows the Military Bridge programs that are connected with Indiana’s institutions and the Defense Department’s Medical Education Training Campus (METC), allowing service members and veterans to better understand their options for civilian employment in related fields.



# Credential Engine

## Use Cases 5-6



**Dual Credit** – Including Career Centers and associated Career Technical Education programs on the Registry will allow students and advisors to see which credentials can be earned from Early College Programs and will eventually show related jobs from employers.



**Apprenticeships** – Apprenticeship information will highlight the connections between institutions, apprenticeships, and employers.



# Credential Engine

## Use Cases 7-8



**Next Level Jobs** – Incorporating Governor Holcomb’s Next Level Indiana initiative, Credential Finder will allow users to search for credentials in high-priority industries driving Indiana’s economy forward. The searchable information shows the programs that are associated with the Workforce Ready Grant, which pays the tuition and mandatory fees for working-age Hoosiers to earn a high-value certificate at Ivy Tech Community College or Vincennes University.



**Career Exploration** – In the future, the Registry data will be connected with the Indiana Career Ready website. Some of the tools on the site are mandatory exploration tools for high school students, and the Registry information will add additional layers of information, such as competencies, career pathways, and return on investment.



# Credential Engine

## Use Cases 9-10



**Return on Investment Applications** – Indiana will include information about the return on investment for each credential in the Registry. Return on Investment information can help students and advisors make more informed decisions on potential career pathways.



**Digital Credentials** – Indiana has a strong partnership with Parchment, including work with the Indiana e-Transcript which will soon incorporate Registry data, so students are armed with rich data about their degrees and can better communicate that information to future employers.



# Credential Engine

## A.S. in Pharmacy Technology

Home to the  
**Credential Registry**

Q Search   + Add New   Jillian Scholten

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A.S. In Pharmacy Technology

[Compare](#)  
[Edit](#)  
[Review](#)

### Basic Info

Connect to this Credential

#### About this Credential

The certificate of program completion is designed to provide students the basic skills and knowledge to begin work as a Pharmacy Technician. The A.S. Program is program is designed to provide students the basic skills and knowledge to work as a Pharmacy Technician and assume entry-level management responsibilities in a pharmacy.

The course work for both the certificate of program completion and the A.S. Degree fulfill the Indiana training requirement for Pharmacy Technicians and prepare students to take the National Pharmacy Technician Exam. Vincennes University students do well on this examination and are sought by pharmacies in this area. Although certification is not required in every state, it is required in the State of Indiana.

#### Estimated Time to Earn

Estimated: 2 years

#### Estimated Time to Complete Required Assessments

EXCPT Pharmacy Technician Certification Exam  
 Estimated: 2 hours, 10 minutes

#### Credential Type

Associate's Degree

#### Audience Levels

Beginner Level   Secondary School or Equivalent

#### Occupations

Pharmacy Technicians

#### Keywords

Healthcare   Pharmacy

#### Additional Information

In Language: English (en)  
 Date Effective: 10/13/2006

### Location Info

Available Online

1002 N 1st St, Vincennes, IN 47561

#### Related Organizations

**Vincennes University**

Vincennes University is now embarking on its third century of providing top quality education to undergraduates pursuing 2-year and 4-year academic programs of study in the state of Indiana. VU is Indiana's first college and is one of the oldest in America. It is the birthplace of one of the nation's ...

VINCENNES UNIVERSITY

Offers   Owns

### More Info

#### Competencies

12	Assesses 12 Competencies	✕
6	Teaches 6 Competencies	✕

#### Connections

1	Included With 1 Credential	✕
2	Preparation For 2 Credentials	✕
2	Advanced Standing From 2 Credentials	✕
1	Preparation For 1 Assessment	✕

#### Quality Assurance

1	Quality Assurance	✕
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#### Requirements and Recommendations

1	Requires 1 Assessment	✕
1	Requires 1 Learning Opportunity	✕

#### Estimated Costs

1	Direct Estimated Cost	✕
1	Assessment Estimated Cost	✕





# Points of Convergence

- Standards facilitate convergence
- Aligning Competencies
  - Mastered by Individuals
  - Embodied in Credentials
  - Needed by Employers





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