

Credential Engine PESC Spring 2018 Data Summit

May 3, 2018



Updates and Demonstrations

- Organizational
- Technologies and Strategies
- Publishing Method Advancements
 - Trusted Third Party Publishing
 - Bulk Upload Demo
- Developing “Model Listings”

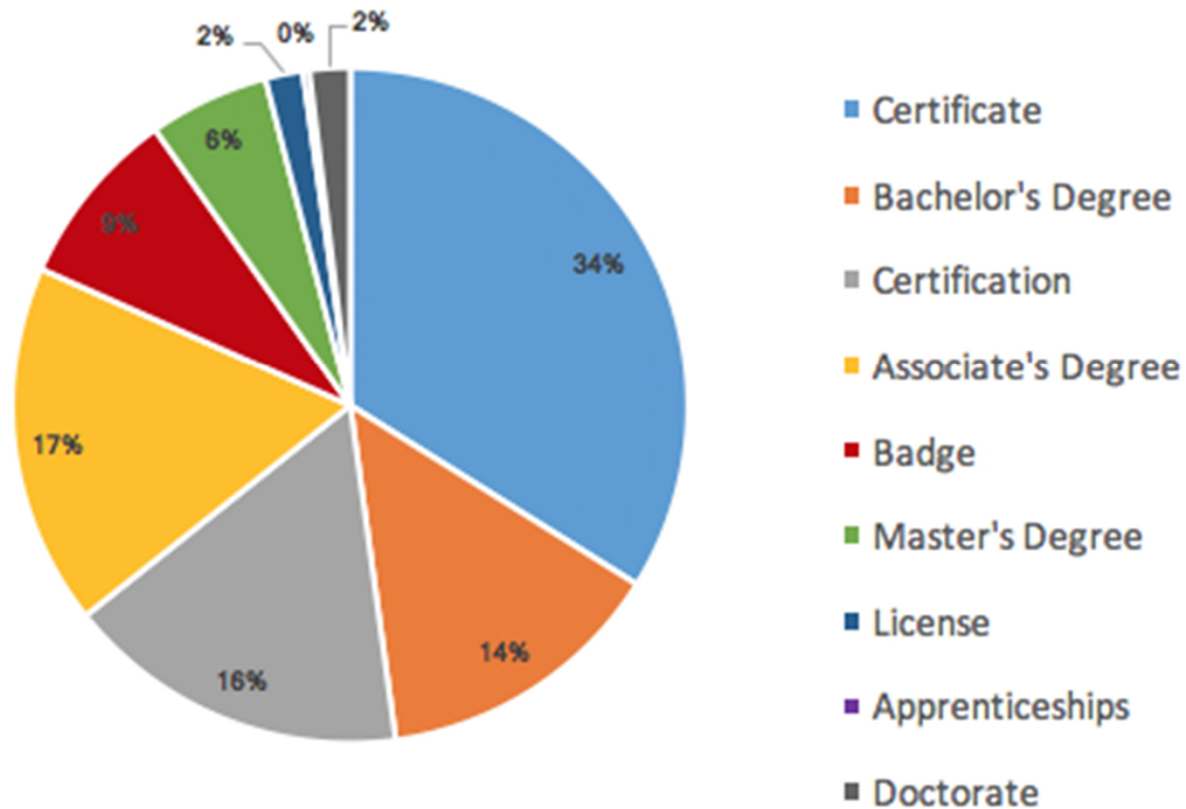
Credential Engine Updates

- New projects
 - Sectors
 - National Retail and Hospitality Credentials Initiative
 - (IT/Cyber; Healthcare; Manufacturing)
 - CRADA with Naval Surface Warfare Center
- New state partners
 - RFP — Ohio, Kansas, Michigan
 - NEBHE — Massachusetts, Rhode Island, New Hampshire, Maine
 - More on the horizon
- App development contest / regional hack-a-thons

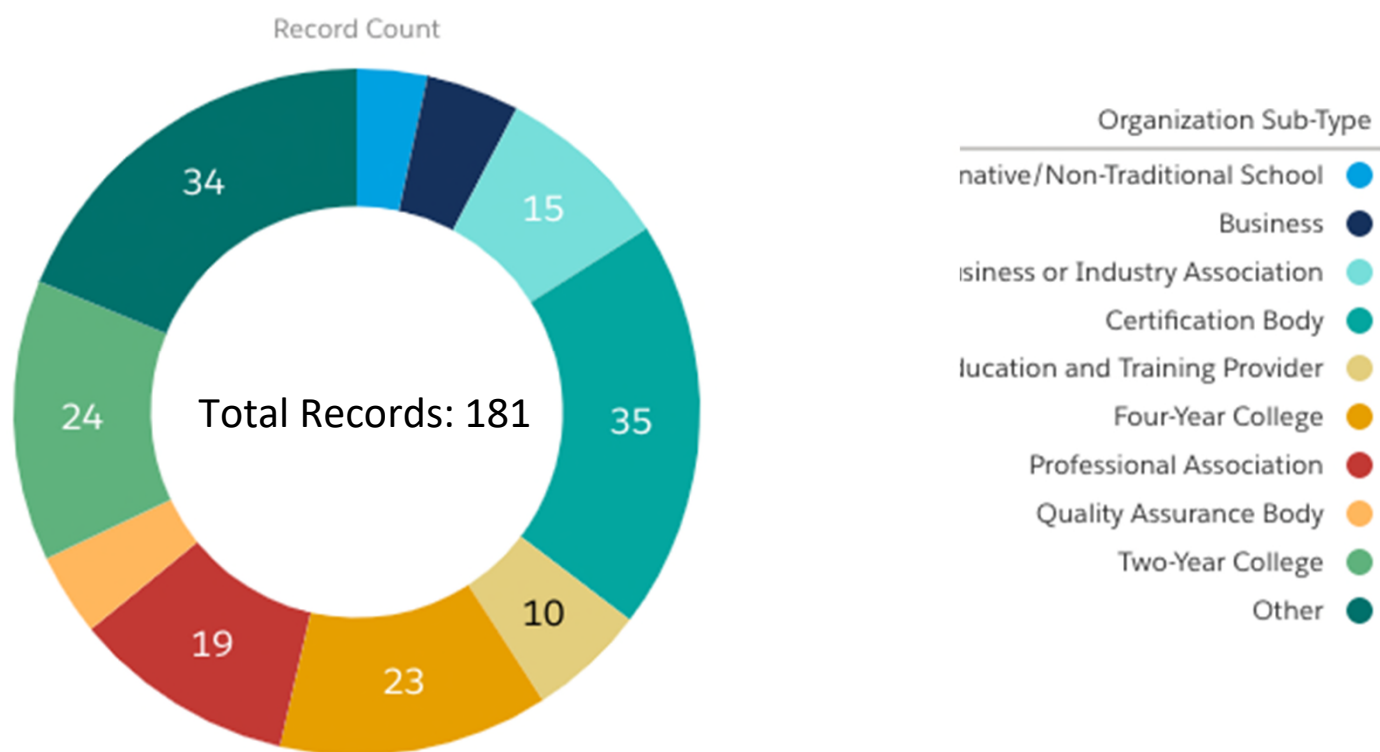
Credentials in the Registry

2,049 in the
Public
Credential Finder

Credentials as of May 1, 2018 (Total = 2268)



2,000+ Credentials from A Wide Array of Participants



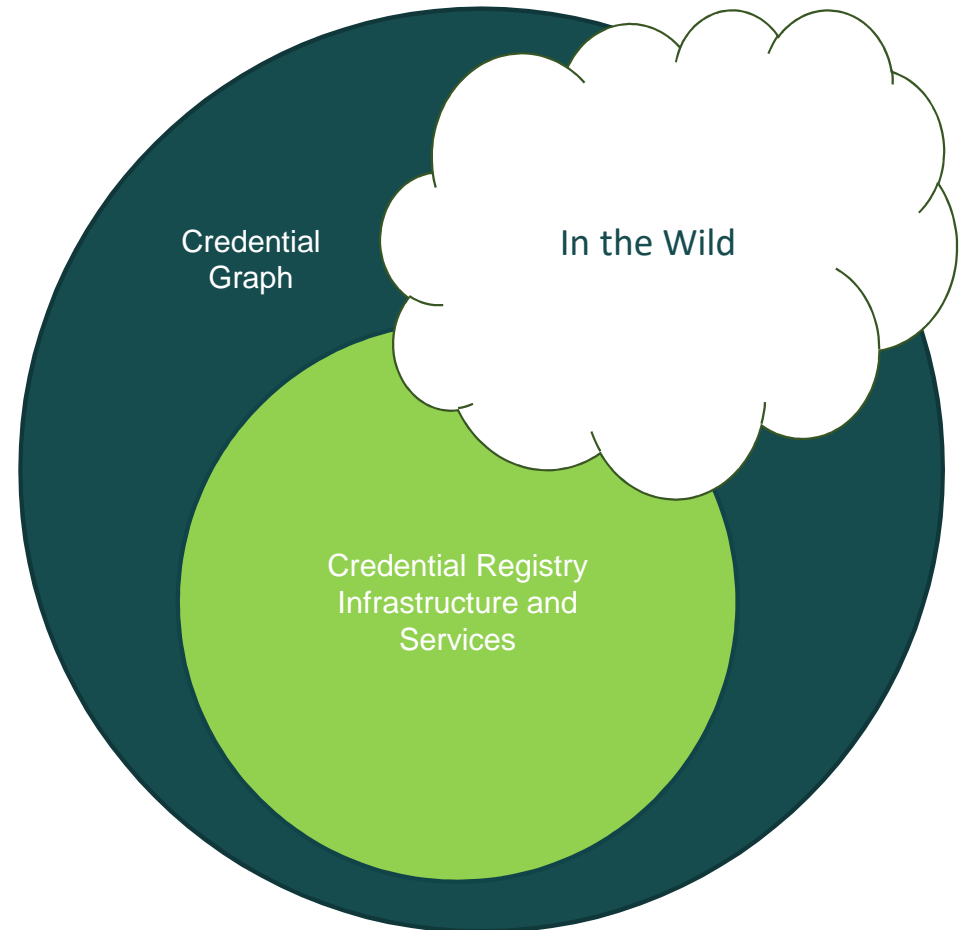
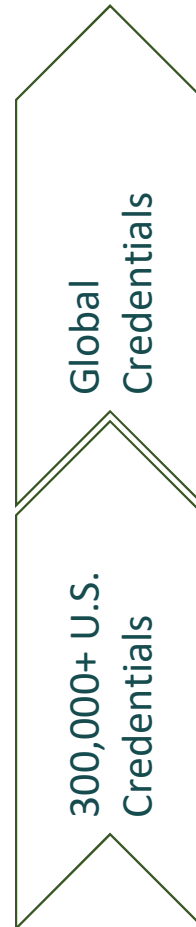
Credential Engine Technologies and Strategies

Credential Registry is a registry for:

- Credential Information
- Quality Assurance Information
- Competency Frameworks

The goal is CTDL data in the Registry and on the Web.

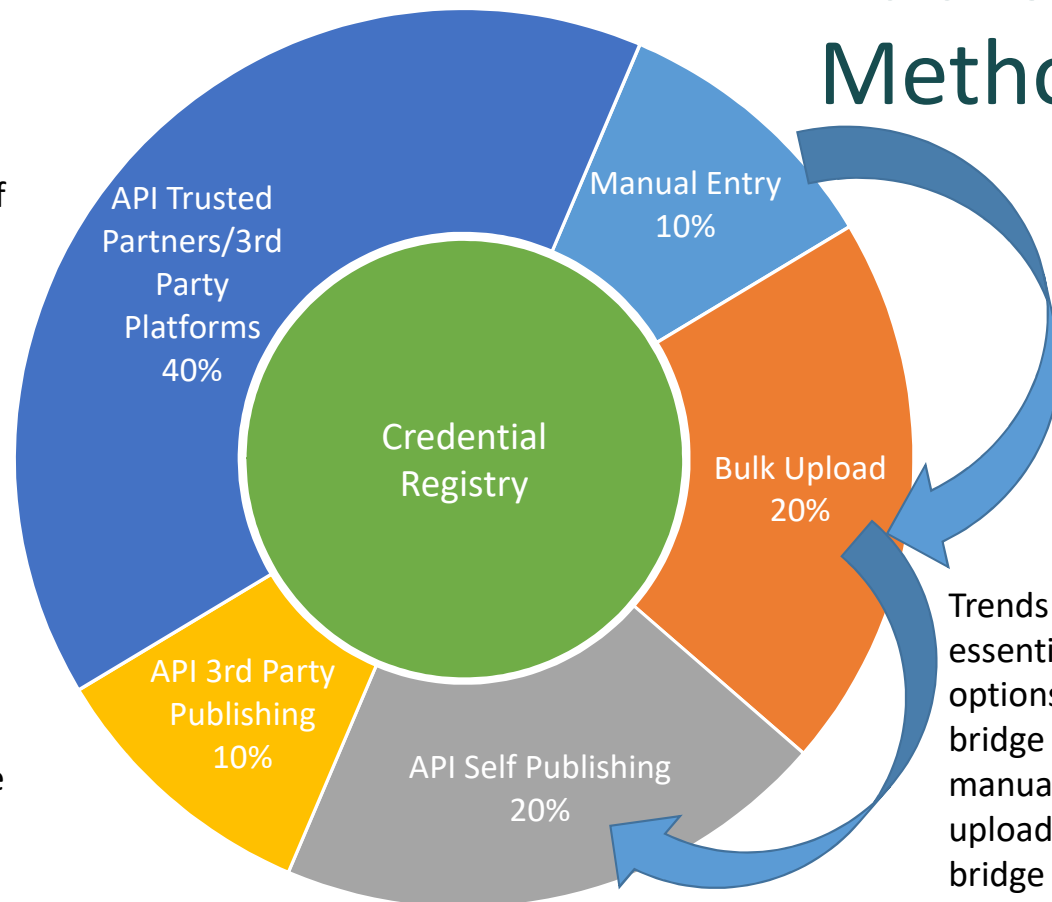
The Credential Graph will enable direct connections to data in and outside the Registry. This includes data that will never be directly in the Registry.



Publishing Methods

Multiple publishing methods ensure self- and 3rd Party Publishers have options that provide a bridge to get from minimal data to maximum data:

- **Manual Entry** – Small quantities of stable credentials
- **Bulk Upload** – Fill in spreadsheets by exporting from systems or manually filling them in and upload.
- **API** – Map data to the end point and push to the Registry.
- **API** – 3rd parties publish for credentialing organizations
- **API** – Trusted partners have platforms that hold data for their customers. They offer publishing directly to the Registry as a service to their customers.

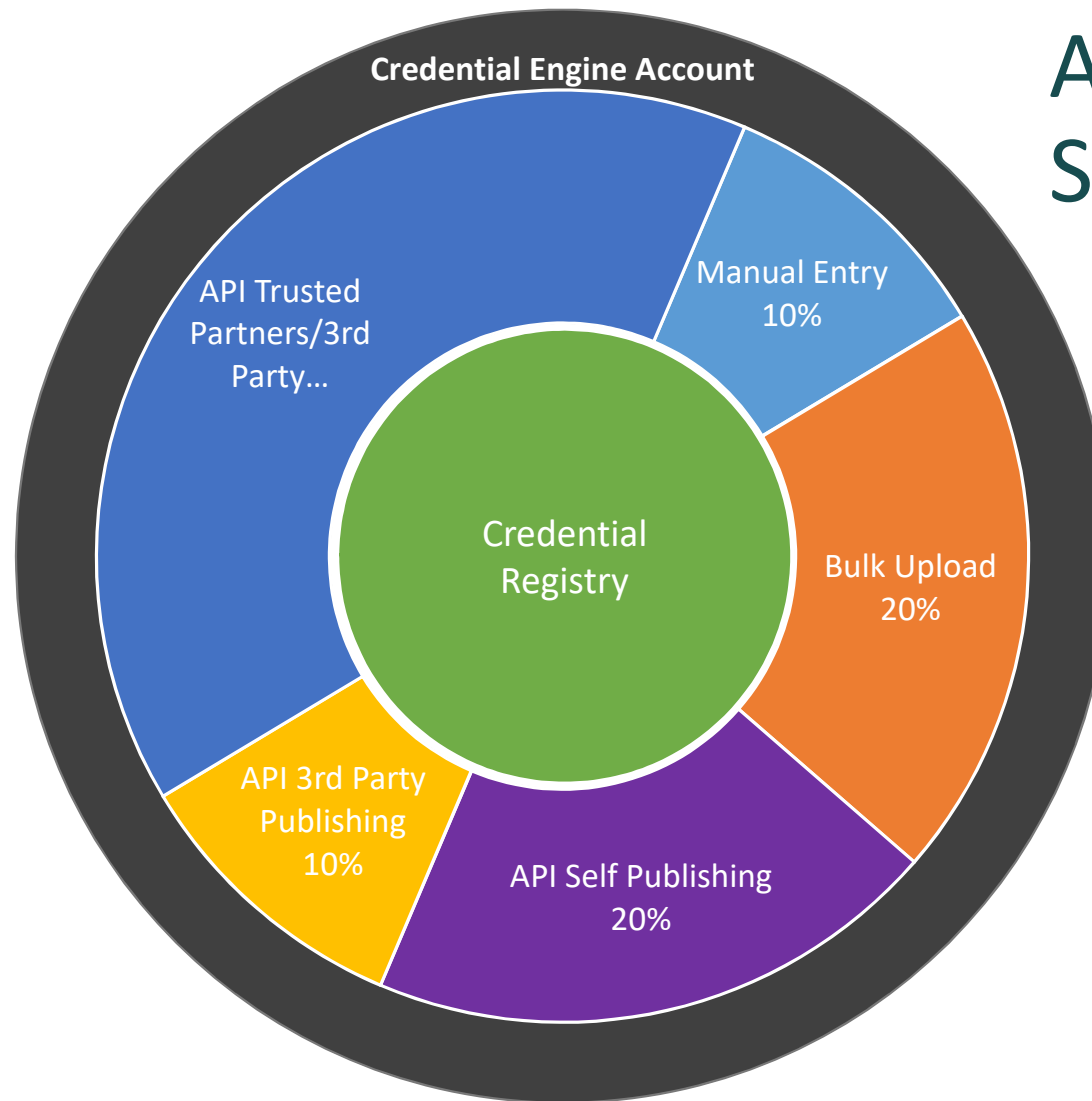


Trends show, it is essential to provide options that build a bridge to go from manual entry to bulk upload to API. The bridge removes barriers.

Account System

Credential Engine Account System:

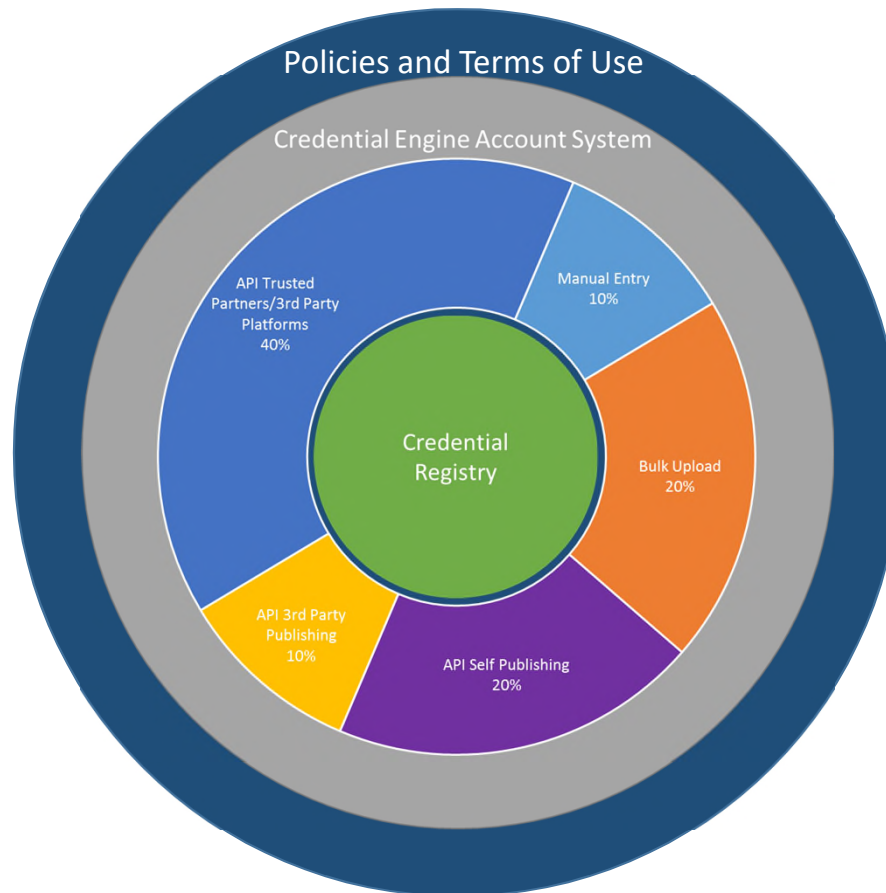
- All organizations and their users enter through the Account System.
- Agree to all terms and policies, identify methods.
- Instructions are automatically emailed and posted to the user's accounts.
- Trusted Partners utilize a seamless interface that populates the account system.



Policies and Terms of Use

Policies and Terms of Use:

- Open Metadata
- Minimum Data Requirements
- Currency Requirements
- Data Usage Requirements



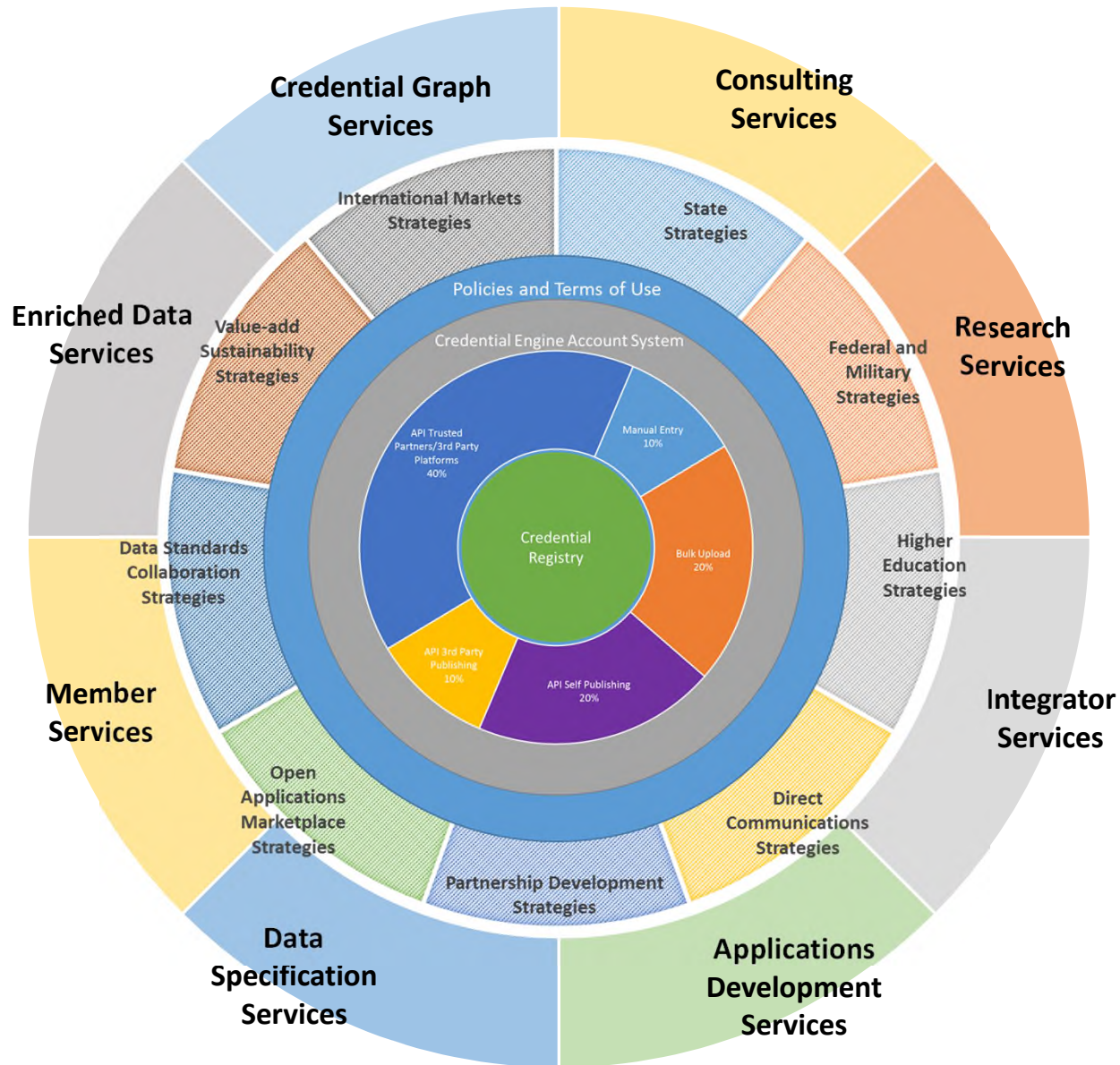
Strategies

- Develop/implement strategies to fulfill mission, achieve objectives and for growth and long-term sustainability.



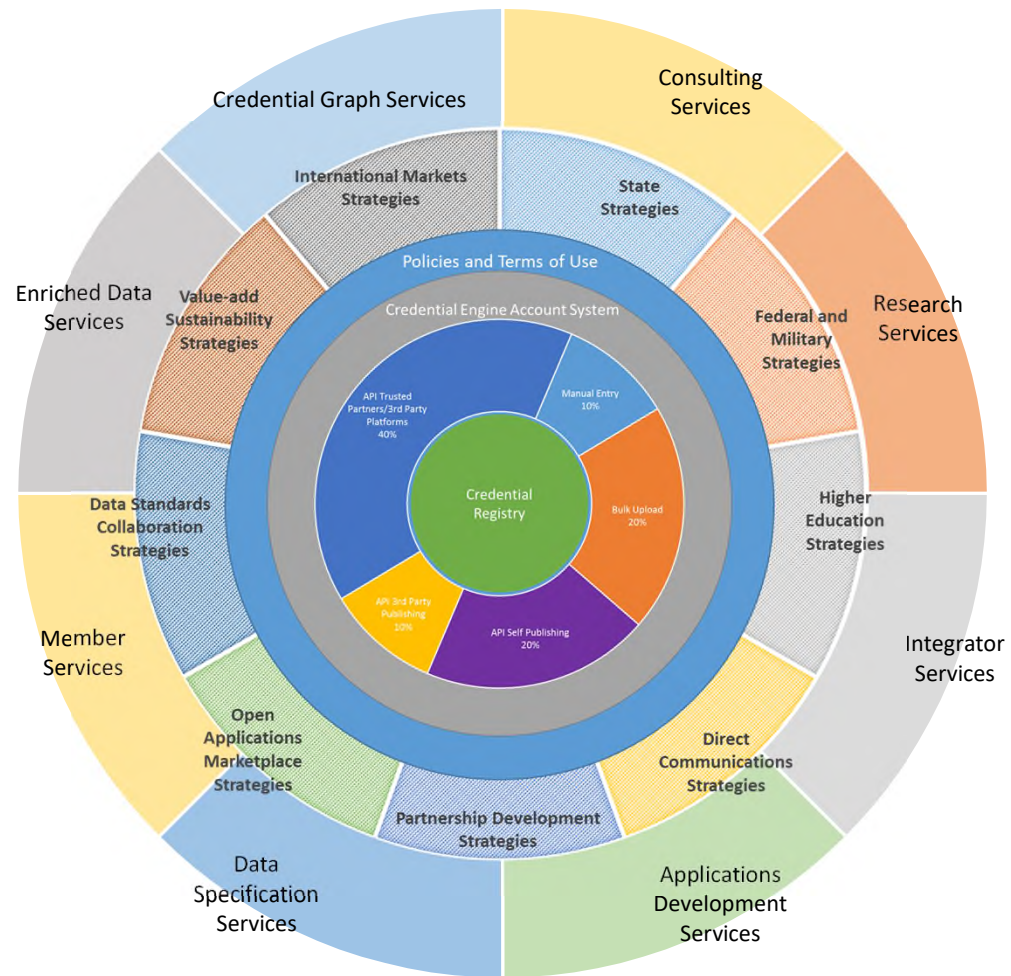
Value-add Services

- Identify, Develop and Support Needed Value-add Services.



Evaluation and Research

- All done within a framework of evaluating Credential Engine's impact and value.
- Conducting and supporting research on and into credentials, credentialing, and the marketplace of credentials.



Publishing Methods

Trusted Third-Party Publishing

Trusted Third-Party Publishing

- Originally Credential Engine allowed 1st party credential providers to grant permission to a third party to publish credential data on their behalf
- Credential Engine now allows for and supports 3rd party data managers to offer to publish credential data for their clients who provide credentials
 - The 3rd Party establishes an account and agrees to policies, which now include language for this arrangement
 - The 3rd Party offers to publish data, and opens access to Credential Engine account system
 - The 1st Party must affirmatively set up their own account and access policies
 - The 3rd Party publishes, and 1st Party and Credential Engine review and approve

Publishing Methods

Bulk Upload Demonstration

Social Media

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