



# IData & Slate: A Packaged Integration between Slate & Ellucian Colleague

*Market leading integration between Slate & Colleague: supported, easily customizable and continuously developed and enhanced by a trusted higher ed integrator.*

## PACKAGED INTEGRATION

IData, has developed a suite of packaged connectors for an automated, bi-directional integration between Slate and the Colleague student information system. The connectors are a set of configurable plugins that run on the IDataHub middleware platform.

IData’s implementation approach has been crafted to align with the Slate implementation process.

## IDATAHUB ENTERPRISE SERVICE BUS

The IDataHub is a data integration platform designed for connecting the ecosystem of higher education technologies to an institution’s administrative system including: SaaS products, legacy systems, business intelligence (BI) systems, data warehouses, and other third party applications on campus or within the cloud. The IDataHub resides securely within the institution’s firewall and presents batch or web-service connections to the suite of products from Technolutions and other popular education technology vendors.

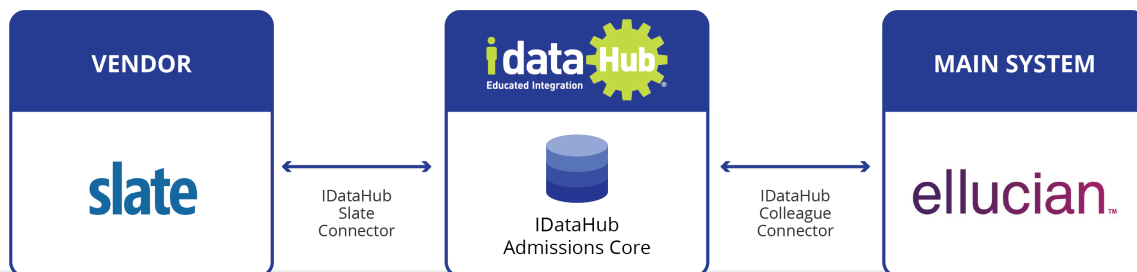
## COLLEAGUE APPROACH

The IDataHub utilizes the Application Layer for Colleague connectivity; this approach enables use of the existing business logic in the environment and maintain database independence for institutions on SQL or Unidata. The Application Layer is accessed via Ethos web service API’s, direct call to Envision subroutines, Colleague batch process execution, or direct queries to the Ethos data model or ODS. Additionally, the IDataHub can directly query Colleague (Unidata or SQL) using our database independent attribute engine.

### BENEFITS

- Rapid and affordable implementation
- Packaged solution that is also customizable and configurable
- Leverages IData’s experience integrating higher education and admissions data since 2004
- Proactive maintenance and improvements as systems change
- IDataHub platform delivers robust automation, monitoring, and notifications
- As an Ellucian Authorized Service Provider, IData’s solution is a supported path towards Ellucian Ethos adoption

## INTEGRATION ARCHITECTURE



## A LOOK UNDER THE HOOD OF THE IDATAHUB

- **Configure** the connectors to match your data needs and business rules
- **Translate** and transform data and codes
- **Schedule** and automate integrations
- **Manage** duplicate resolution, address verification, and other data quality workflows (*see right*)
- **Monitor** and audit the health of the integrations (*see below*)

### Ambiguity Resolver

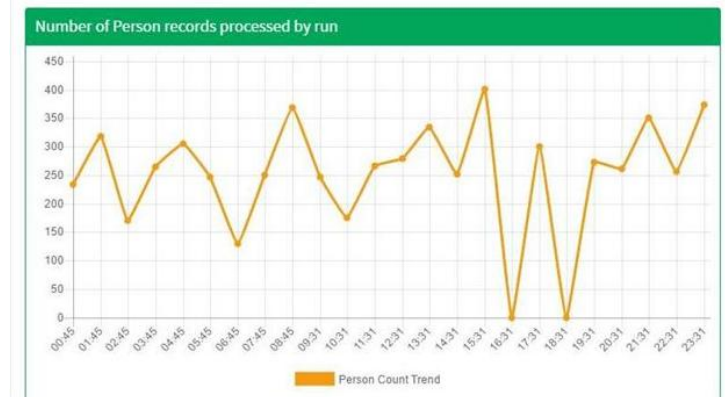
SOURCE RECORD			TARGET RECORD	
Nimble		LAST NAME	Nimble	
Jack		FIRST NAME	John	
12/31/1969		BIRTH DATE	12/31/1969	
		GENDER		
		EMAIL ADDRESS		
123 Main St.		ADDRESS LINE 1	123 Main St.	
Apt. 1		ADDRESS LINE 2		
Nowhere		CITY	Nowhere	
NV		STATE	NV	
048282		POSTAL CODE	048282	
USA		COUNTRY	USA	
0123456		COLLEAGUE ID	0123456	

#### Possible Matches for PERSON

Click a record to show details. Or manually enter an ID.

Combine Records Do Not Combine

Match ID	Last Name	First Name	Messages
0123456	Nimble	John	Dupl. Rating: 45
0123356	Nimble	Jackie	Dupl. Rating: 55
0124456	Nimble	Paul	Dupl. Rating: 26



### ABOUT IDATA INC.

The leader in higher education data management, IData has helped hundreds of institutions with reporting, data governance, system integration and technology consulting. Our technology consulting practice includes programmer/analysts and project managers with deep expertise in higher education. Our reporting and data governance practice offers strategic and technical reporting services with an effective use of data governance best practices. This approach is supported by our Data Cookbook solution, the leading data governance tool for higher education. Our system integration practice offers packaged and custom integration solutions built on our IDataHub enterprise service bus platform, which automates, translates and manages the connections between higher education systems.

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