



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

*Market leading integration between Slate & Banner: 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 Banner 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.

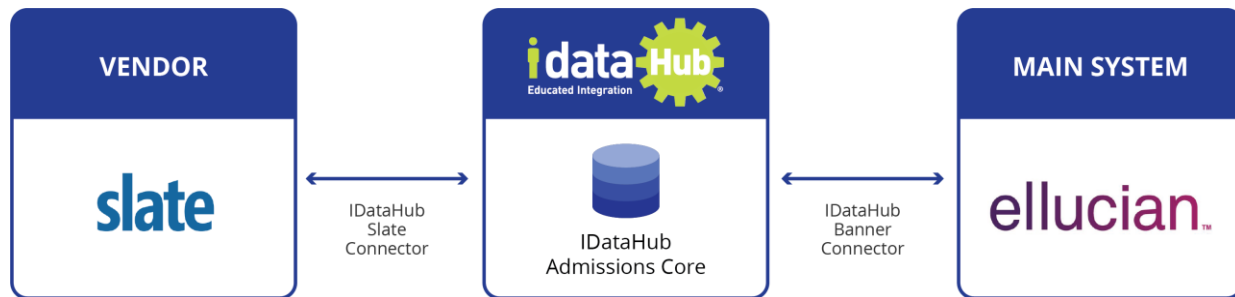
## BANNER APPROACH

The IDataHub utilizes the Application Layer for Banner connectivity; this approach enables use of the existing business logic in the environment. The Application Layer is accessed via Ethos web service API's or underlying Stored Procedures, like the Common Matching process. is accessed via Ethos web service.

### 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 an authorized 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

Nimble
Jack
12/31/1969
123 Main St.
Apt. 1
Nowhere
NV
048282
USA
0123456

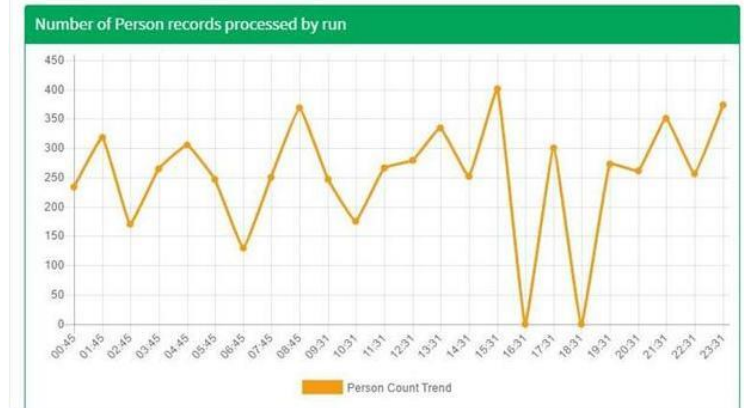
<small>LAST NAME</small>	Nimble
<small>FIRST NAME</small>	John
<small>BIRTH DATE</small>	12/31/1969
<small>GENDER</small>	
<small>EMAIL ADDRESS</small>	
<small>ADDRESS LINE 1</small>	123 Main St.
<small>ADDRESS LINE 2</small>	
<small>CITY</small>	Nowhere
<small>STATE</small>	NV
<small>POSTAL CODE</small>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

Possible Matches for PERSON

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

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

Health Indicators: 2016-10-17	
SIS Connection Failure	1
Persons Count	6058
Persons Edit Errors	9%
Persons SIS Insertion Errors	2%
Average Procedure Duration	17091.13
Average SIS Record Insertion Time	42.77



### 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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