

# A Packaged Integration Between Slate & Your Student Information System

*Market leading integration between Slate & your SIS: 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 various higher ed student information systems. The connectors are a set of configurable plugins that run on the IDataHub middleware platform.

## 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.

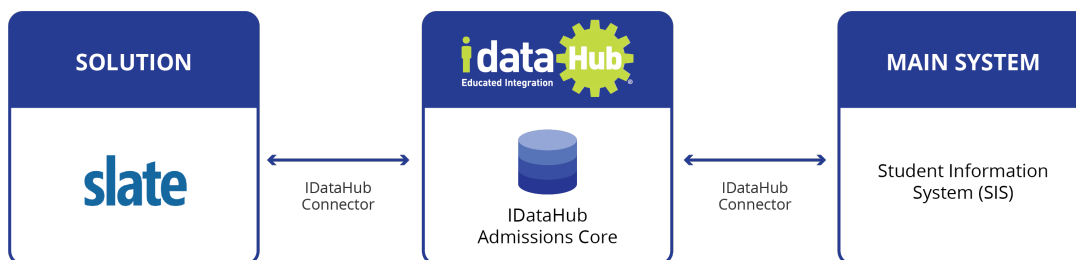
## SIS TECHNICAL APPROACH

The IDataHub utilizes the Application Layer of the Student Information System (SIS), for integration connectivity; this approach enables use of the existing business logic in the environment and maintains database independence. Depending on the SIS, the Application Layer is accessed in one or more of the following manners: vendor web service API’s, underlying stored procedures/subroutines, batch process executions (vendor import/export processes or ETL packages), direct queries (either to the transaction database, staging tables/views, ODS, or integration data model layer).

### 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
- IData has partnerships with all of the market leading Student Information Systems.

## 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

LAST NAME

FIRST NAME

BIRTH DATE

GENDER

EMAIL ADDRESS

ADDRESS LINE 1

ADDRESS LINE 2

CITY

STATE

POSTAL CODE

COUNTRY

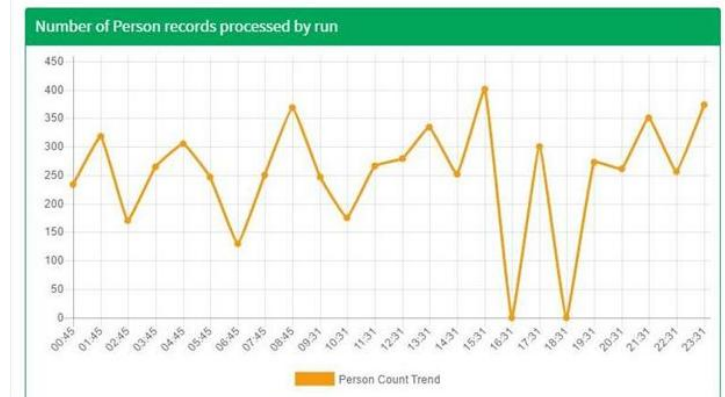
COLLEAGUE ID

**TARGET RECORD**

Nimble
John
12/31/1969
123 Main St.
Nowhere
NV
048282
USA
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



### 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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