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IDataHub Slate-Banner Connector
IT Overview

IData - Helping higher education institutions be successful through effective data management and innovative technology

Introductions

- **Brian Parish**
  - IData, CEO and Founder
  - bparish@idatainc.com

- **Jess Critchlow**
  - IDataHub Sales and Partnerships
  - jcritchlow@idatainc.com

Agenda

- IData Background
- Evaluating Productized Connector vs DIY
- IDataHub Technical Overview
- Overview of Data Banner Flow
- What about Ethos?
- IT Implementation Roles & Responsibilities
- Additional Resources & Next Steps

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IData Background

THE INSTITUTIONAL DATA COMPANY

About IData

ellucian ALLIANCE PARTNER

ellucian AUTHORIZED SERVICES PARTNER

idata Data Management for Higher Education

System Integration

Products

idataHub Educated Integration

enterprise service bus
& connector catalog

Services

integration services for
institutions and vendors

Reporting & Data Governance

Products

data cookbook

Services

reporting
data warehousing
data governance

strategic and technical
consulting

Technology Consulting

Services

implementation
data migration
strategic planning
custom development
staff augmentation

strategic, technical, and
project management
consulting

higher education data
system expertise

Serving Higher Ed Since 2004

Clients:
600+ Institutions

Partners:
30+ Vendors

Partnership across the integration

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Clients – 600+ Institutions

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Evaluating Packaged Connectors vs DIY

Integration Comparative Approach

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DIY Model

IData Packaged Connector Model

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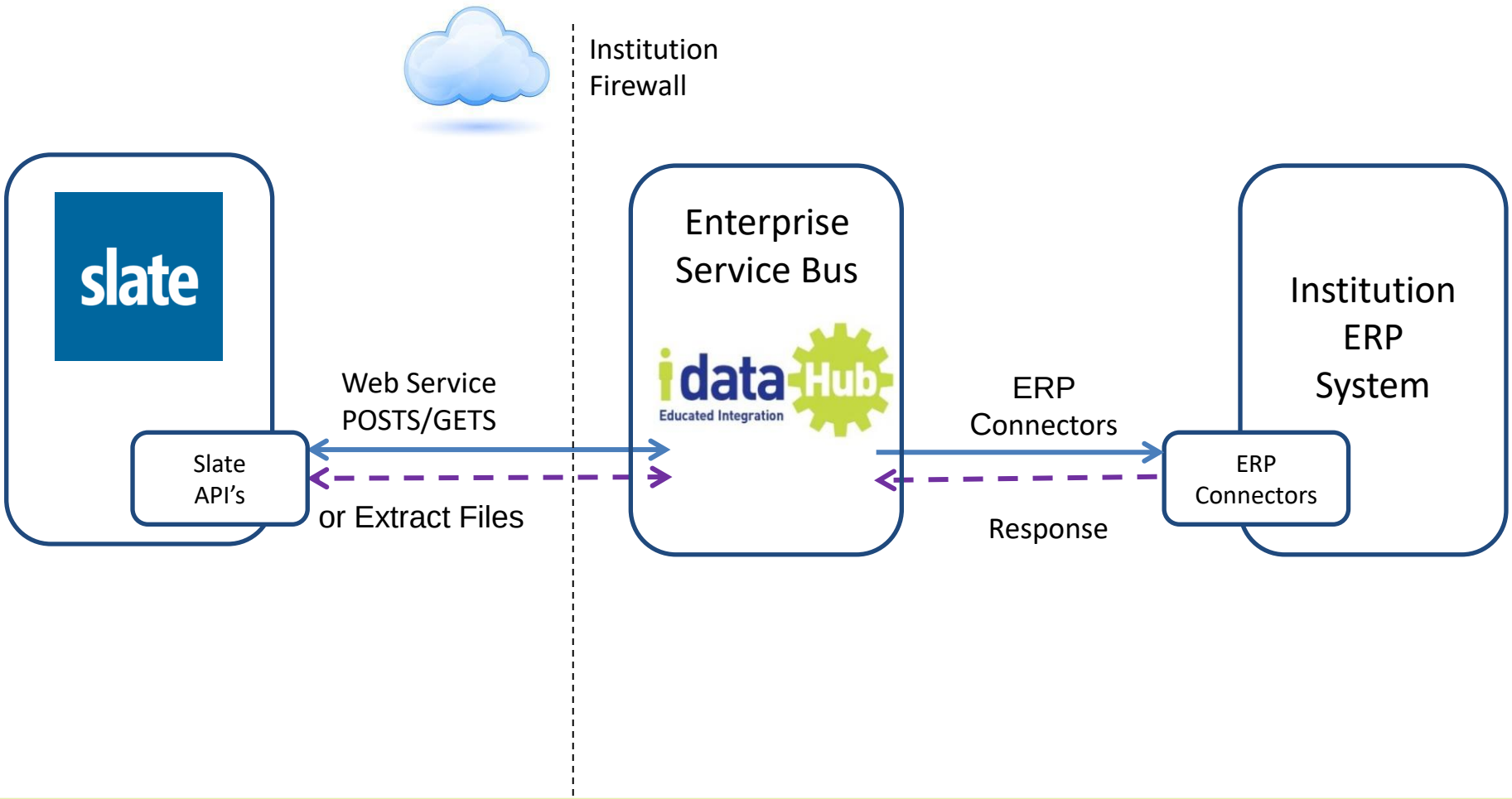
IDataHub

ENTERPRISE SERVICE BUS

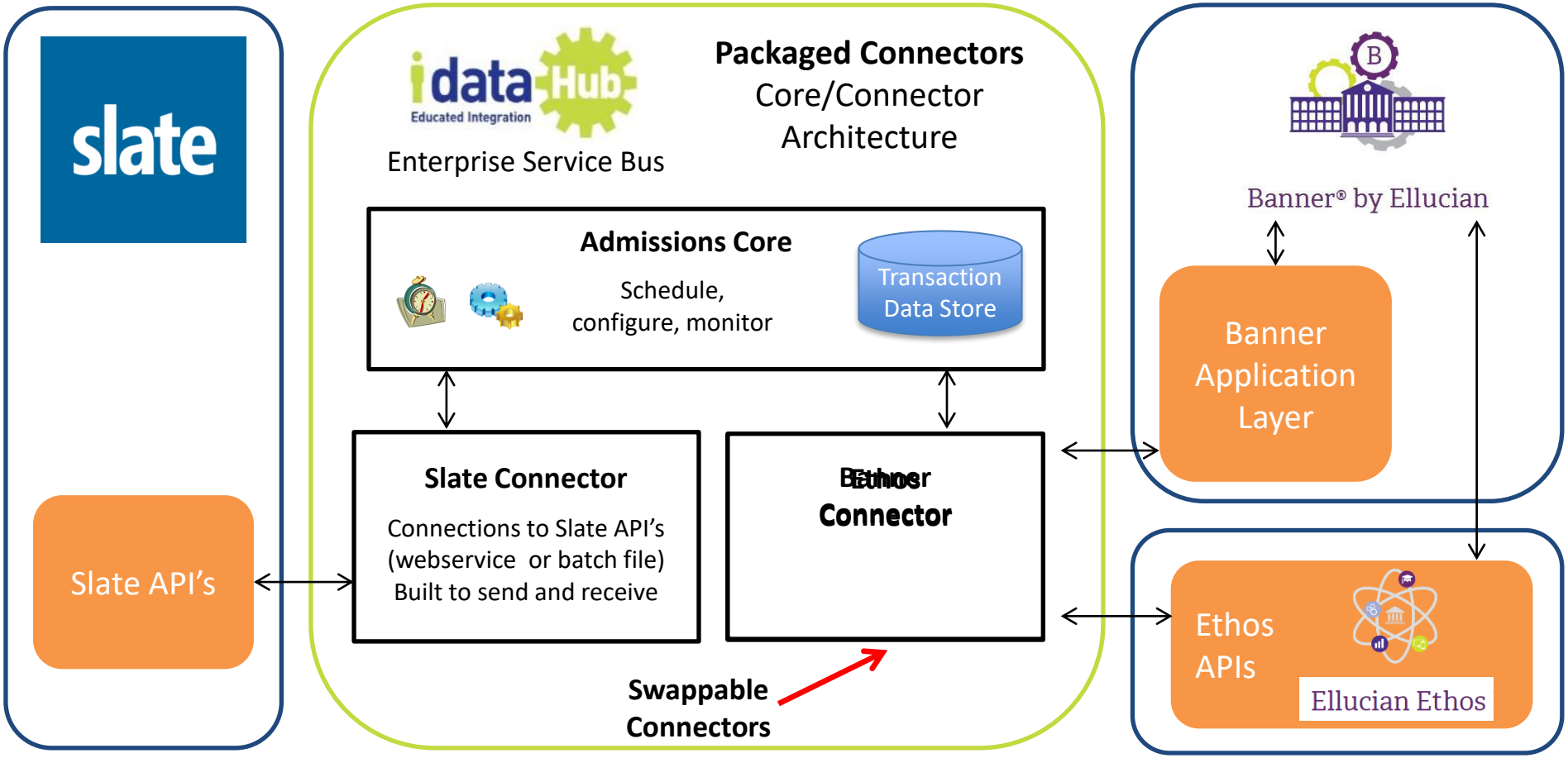
Integrations as Apps

- Packaged, configurable, extendable
- Facilitate self-service and reduce implementation time

The IDataHub in a nut-shell



IDataHub Core/Connector Architecture



Procedure Groups

* Ethos Integration
*Data Agents
.Admissions
Admissions CRM Connectors
Admissions Core
Admissions ECM Connectors
Admissions Metrics
Slate Integration Metrics
Slate-Banner Import Metrics
Slate-Colleague Import Metrics
Today's Admissions Import Metrics
Yesterday's Admissions Import Metrics
Admissions SIS Connectors
Admissions Utils
Duplicate Resolution

New Procedure
New Group
Upload Procedure

Slate-Banner Import Metrics

slate

Help

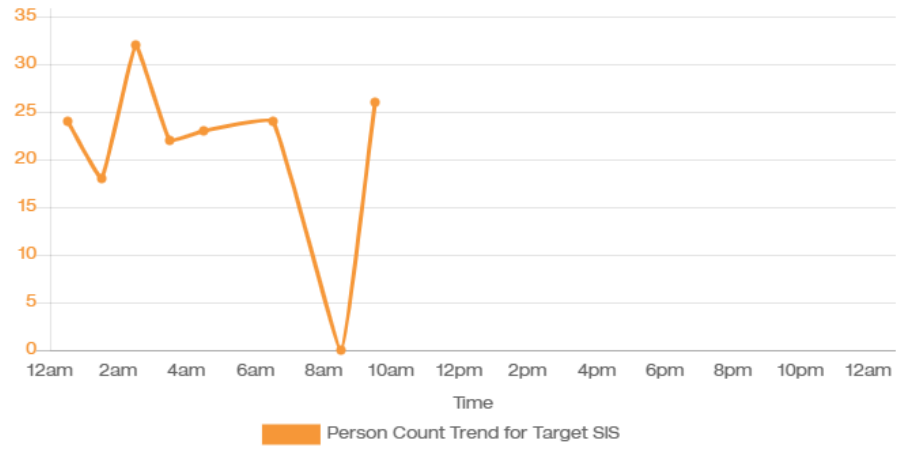
Total Slate Indicators: 2019-07-11

Average Procedure Duration	1777.27
Available Disk Space	71%
Total Persons Count	244

Banner Indicators: 2019-07-11

Target Persons Count	169
Target SIS Connection Failure	0
Target Persons Edit Errors	9%
Target Persons Insertion Errors	0%
Target Average Record Insertion Time	44.992

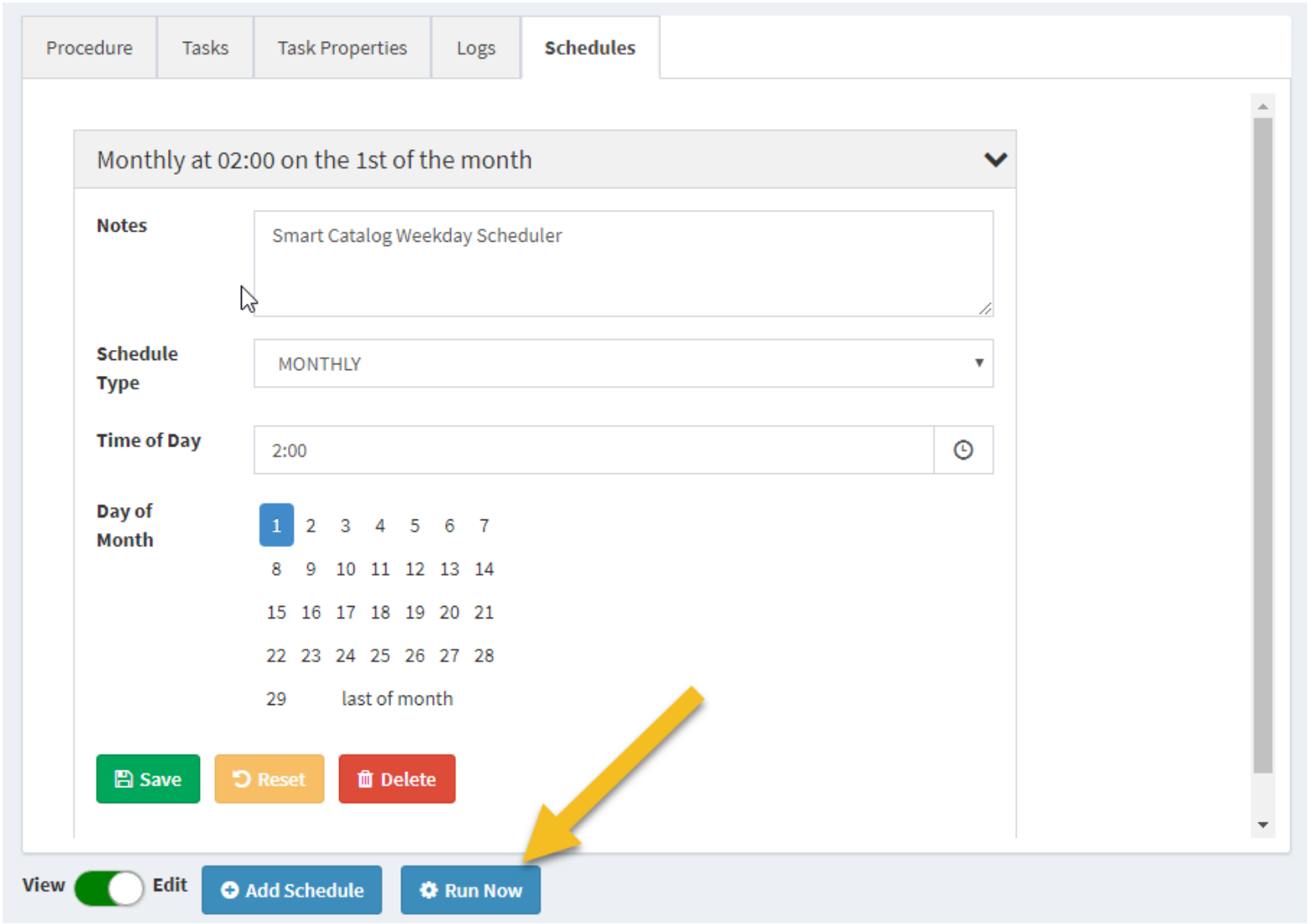
Number of Slate Person records processed by run for Banner



Cumulative Slate Person records processed by run for Banner

IDataHub v3.1.2 © IData Inc.

Run Now or Scheduling



IDataHub Procedures and Automation

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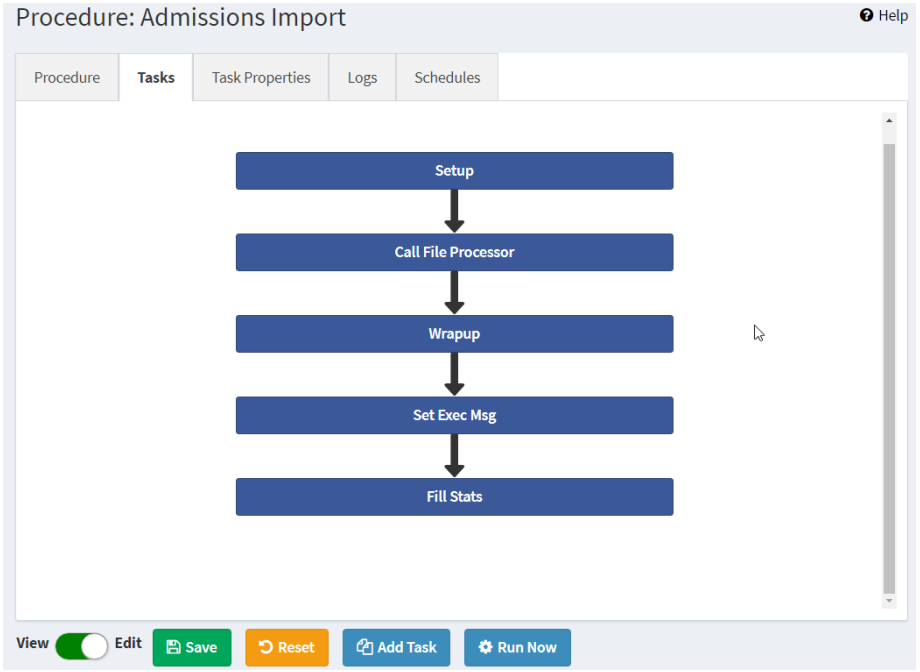
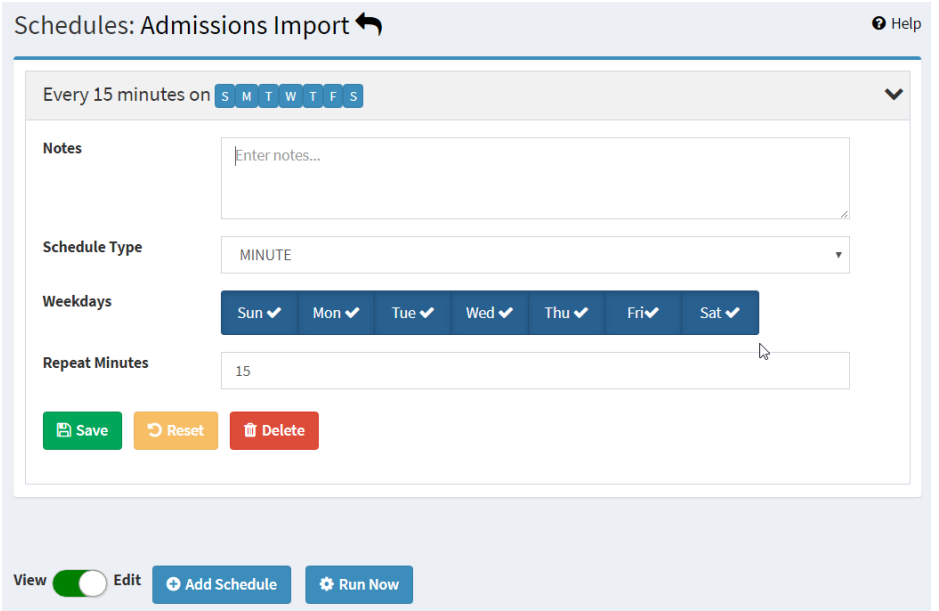
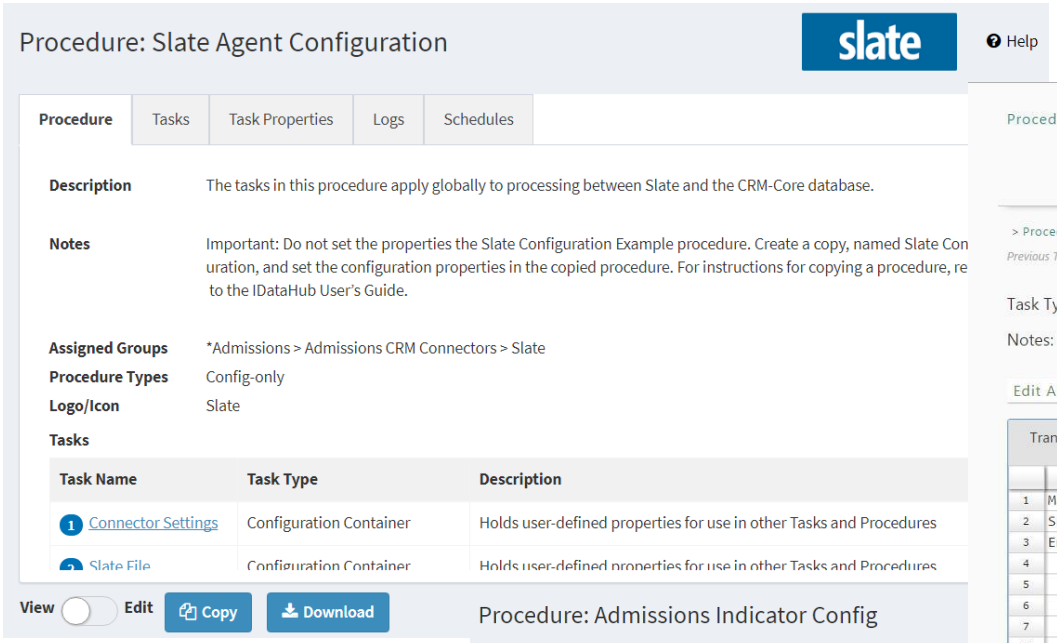
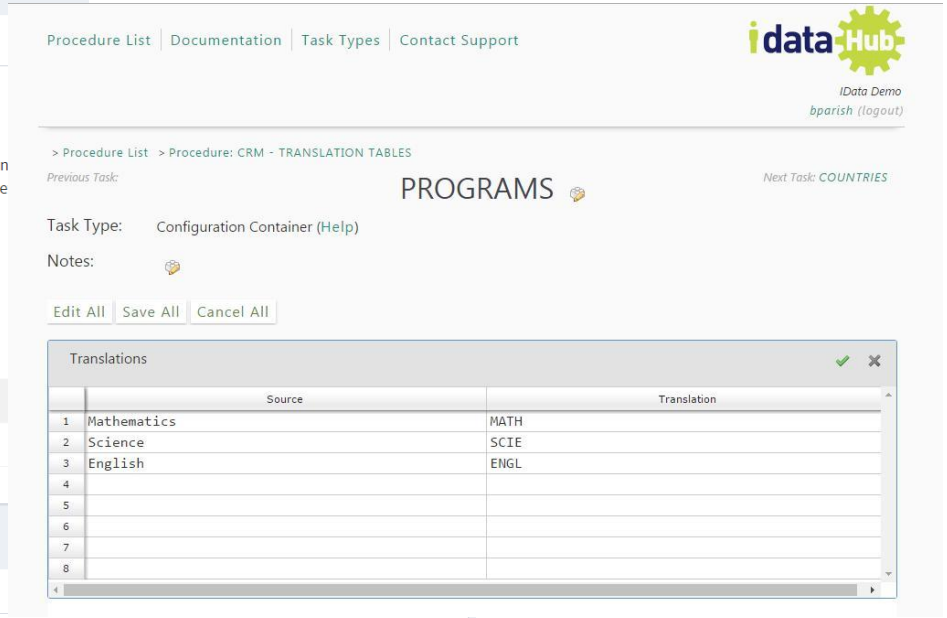
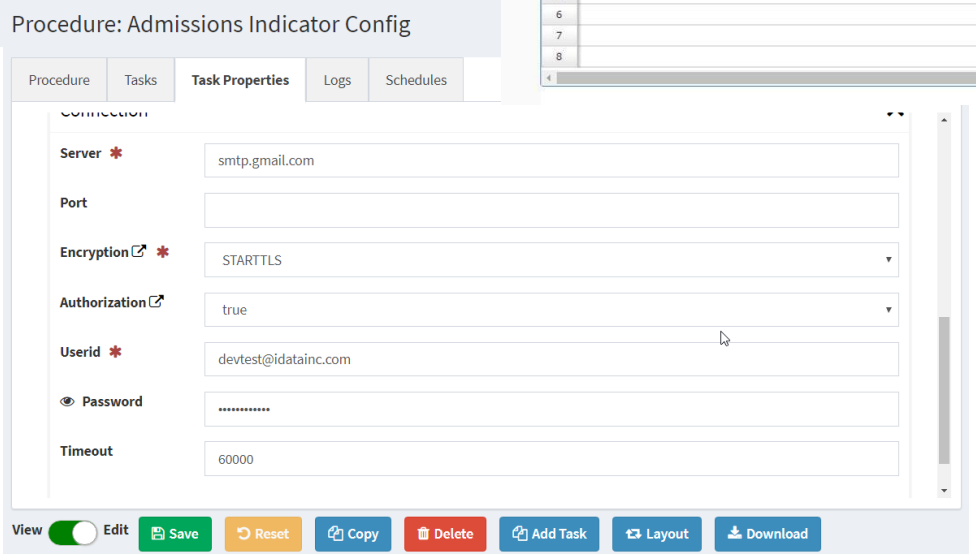




Configurations, Translations, and Routing







Duplicate Resolution

Procedure List | Documentation | Task Types | Users | Contact Support

My Forms: Transaction Inspector

IData University

louis (logout)

Transaction Inspector

Txn	Last Name	First Name	Colleague ID	Field Group	Status
1234	Nimble	Jack	0123456	PERSON	AMBIGUITY
1234	Nimble	Jack	0123456	ADDRESS	AMBIGUITY
1234	Nimble	Jack	0123456	APPLICATION	AMBIGUITY
1235	Wheels	Helen	0234567		OK

Refresh

Ambiguity Resolver

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

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

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.

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0123456	Nimble	John	Dupl. Rating: 45
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0124456	Nimble	Paul	Dupl. Rating: 26

Duplicate Resolution

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Possible Matches for PERSON

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

ENTER ID:

Submit

Match ID	Last Name	First Name
0123456	Singh	Balan
0123356	Singh	Balan
0124456	Singh	Balane
0125456	Sing	Blaine

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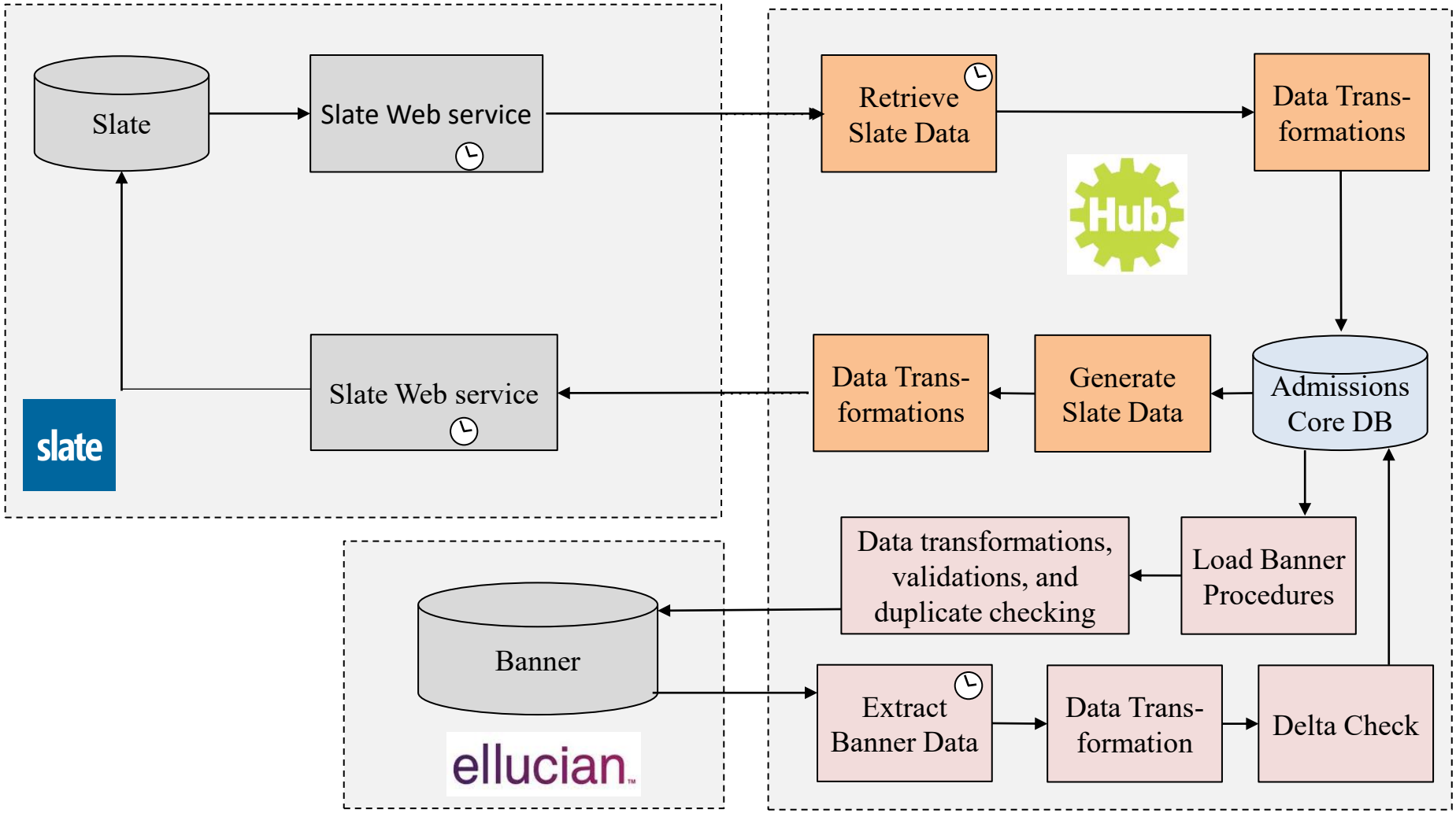
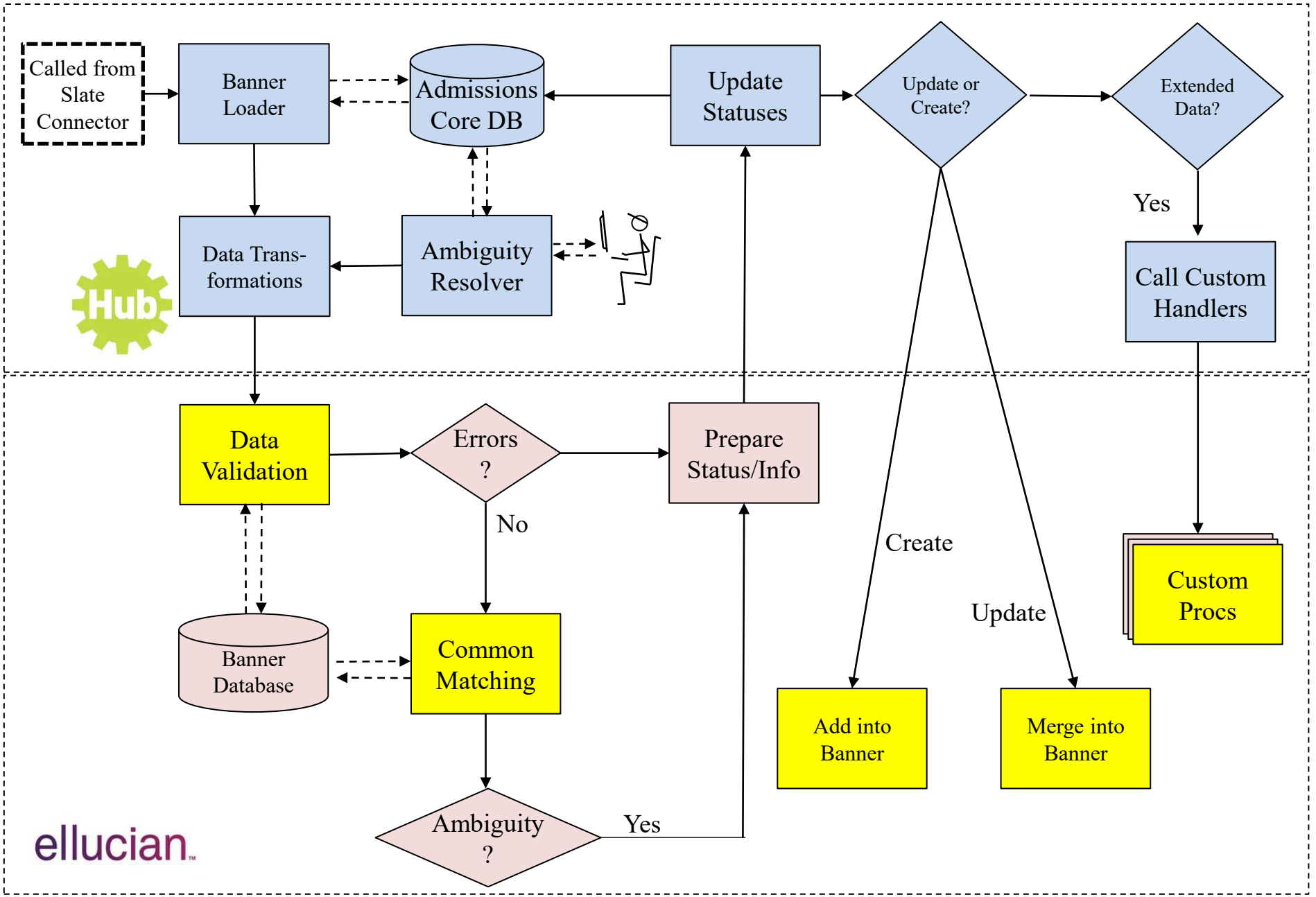
Overview of Banner Data Flow

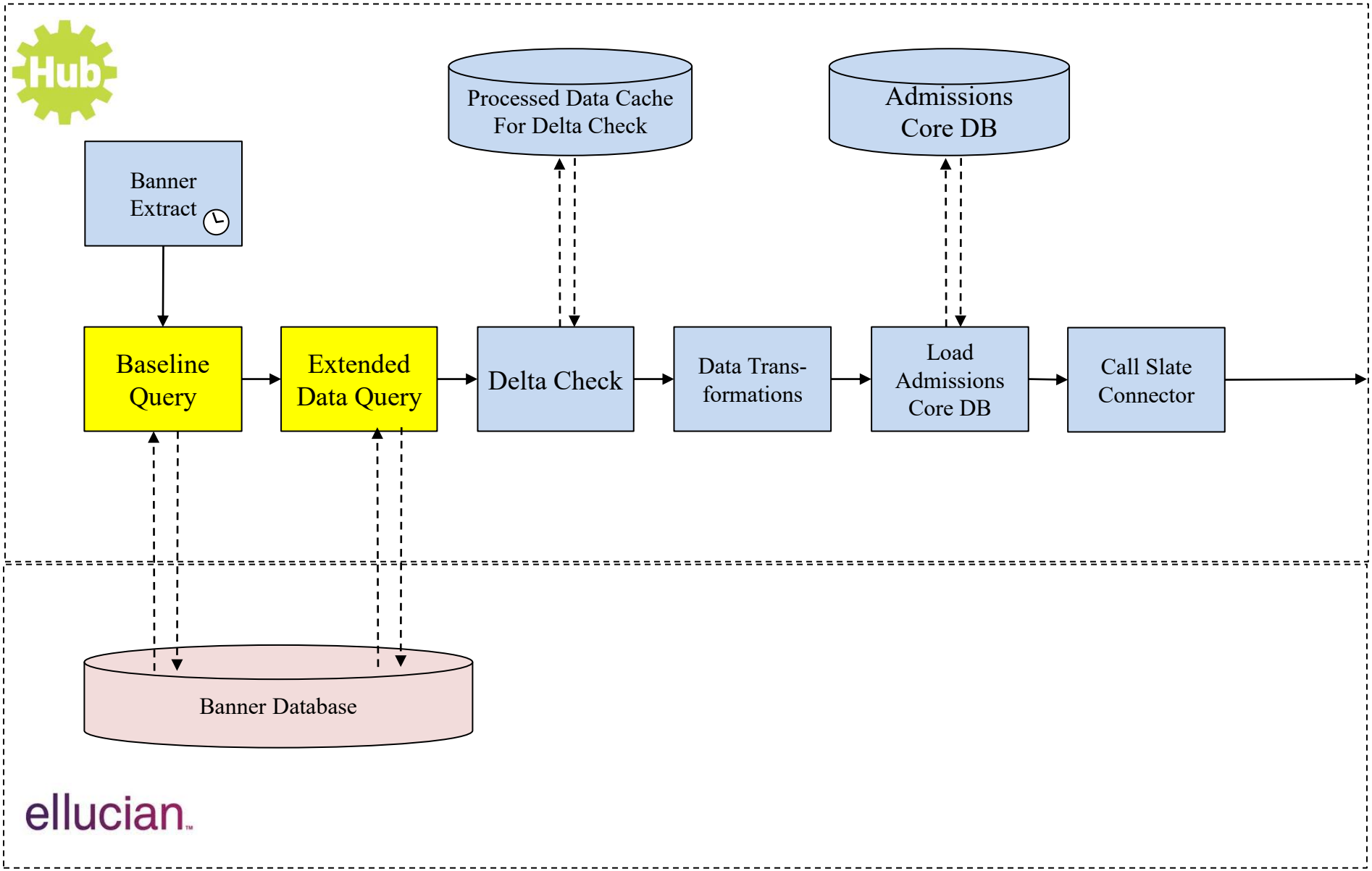
Slate-Banner Data Flow



IDataHub to Banner Dataflow

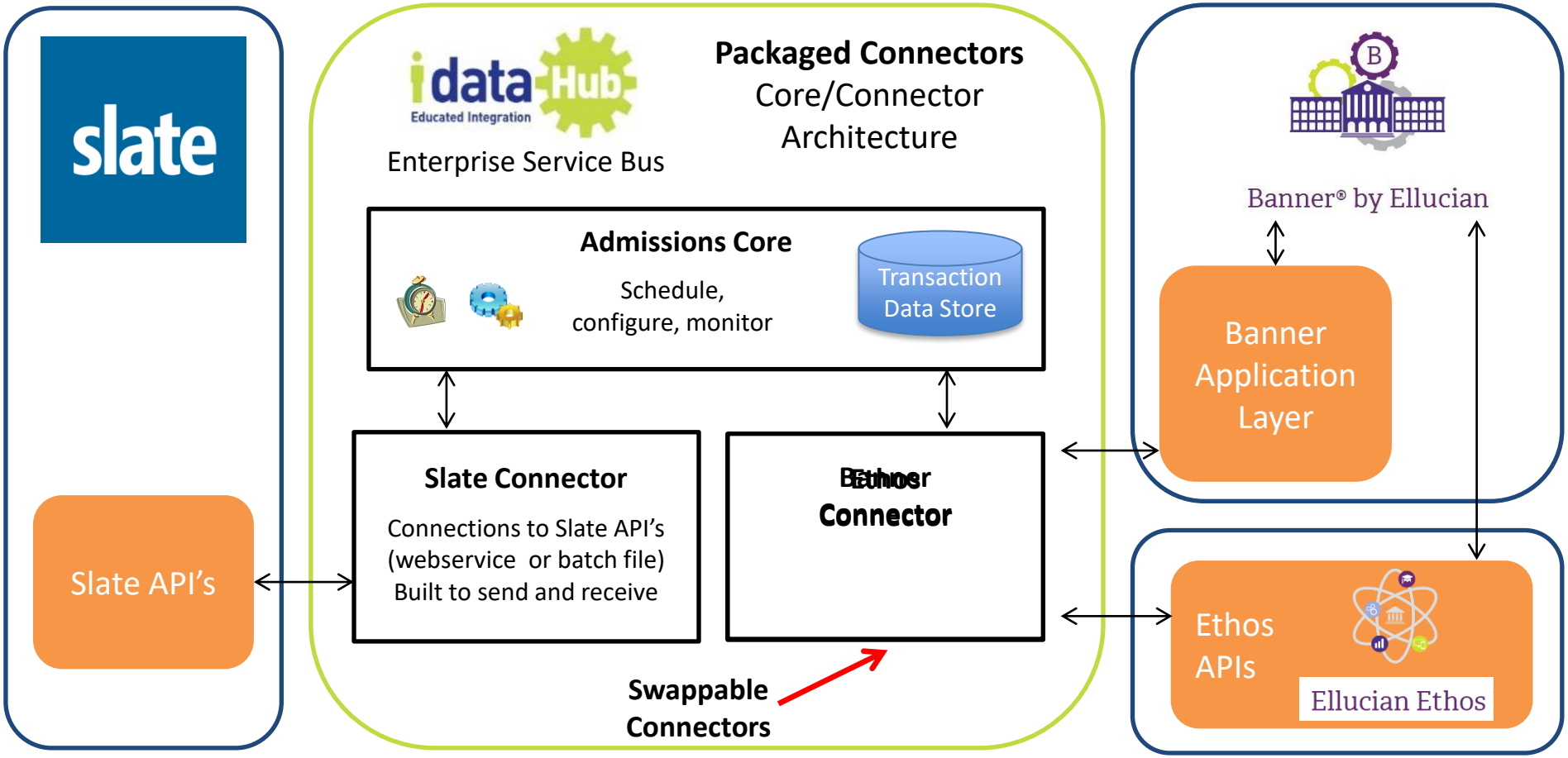


Banner to IDataHub Dataflow



What About Ethos?

IDataHub Core/Connector Architecture



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IT Implementation Roles & Responsibilities

Implementation Process (Training & Support)

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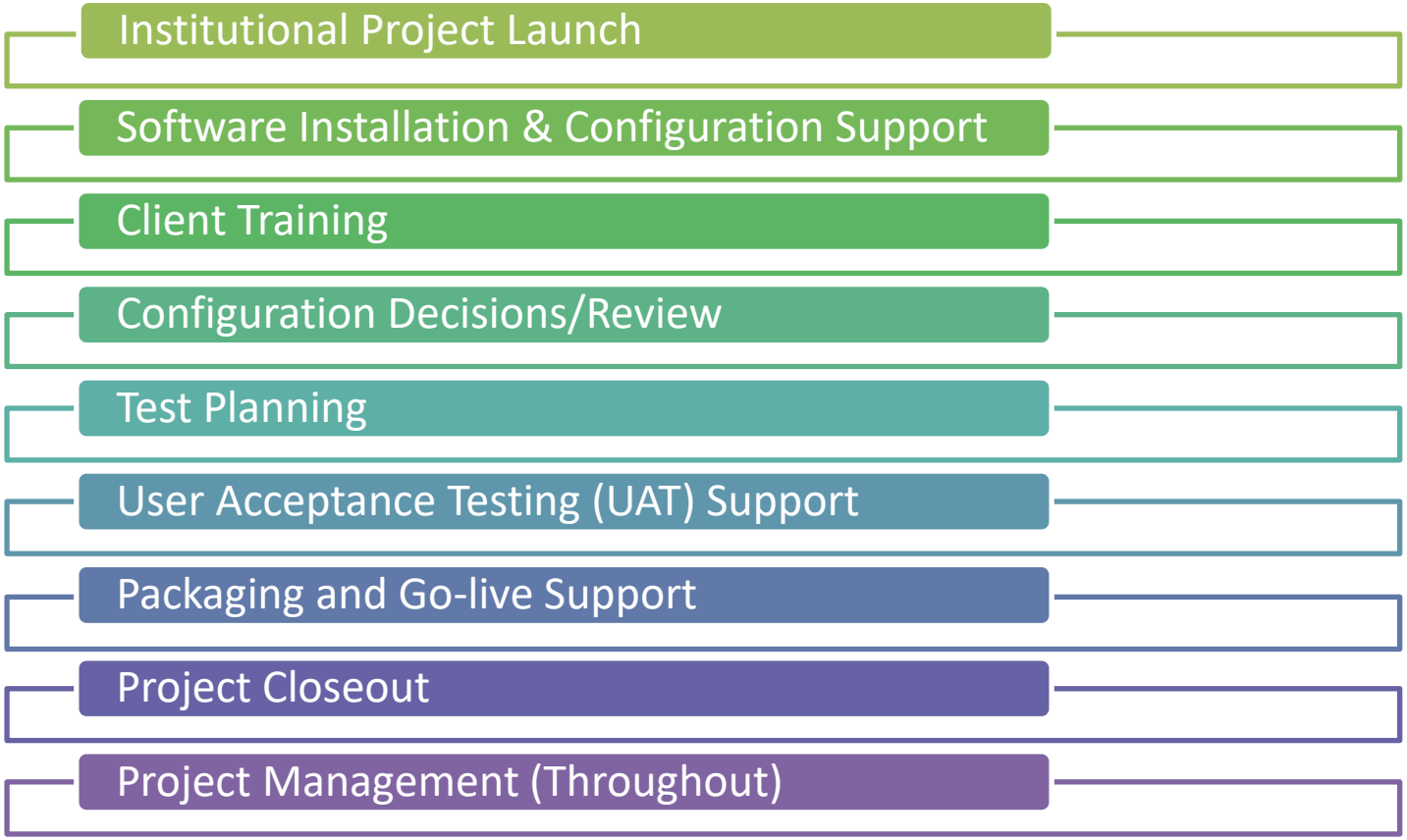

Implementation Process (Training & Support)

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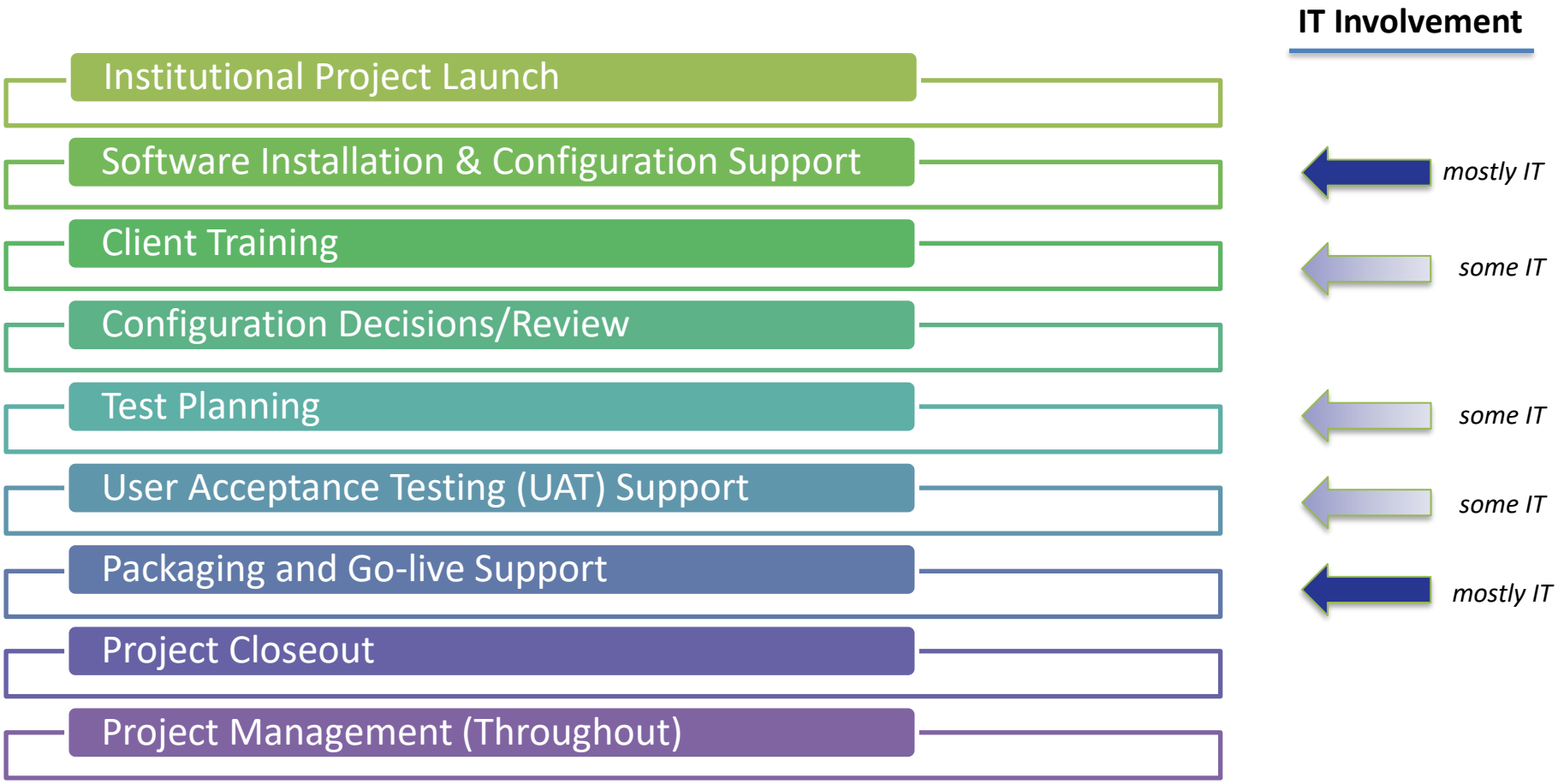

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Additional Resources & Next Steps

Thank You

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Pricing

- go.idatainc.com/slate-connector-pricing

Server Requirements

- go.idatainc.com/slate (PDF download)

Additional Materials and online demo scheduling

- www.idatainc.com/products/hubbits/slate-connector/

Contact us by email:

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  - jcritchlow@idatainc.com