



A composable future with the Ellucian SaaS Platform

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O2 Schema Extensibility

03 Serverless APIs

04 Integration enhancements

05 What coming next

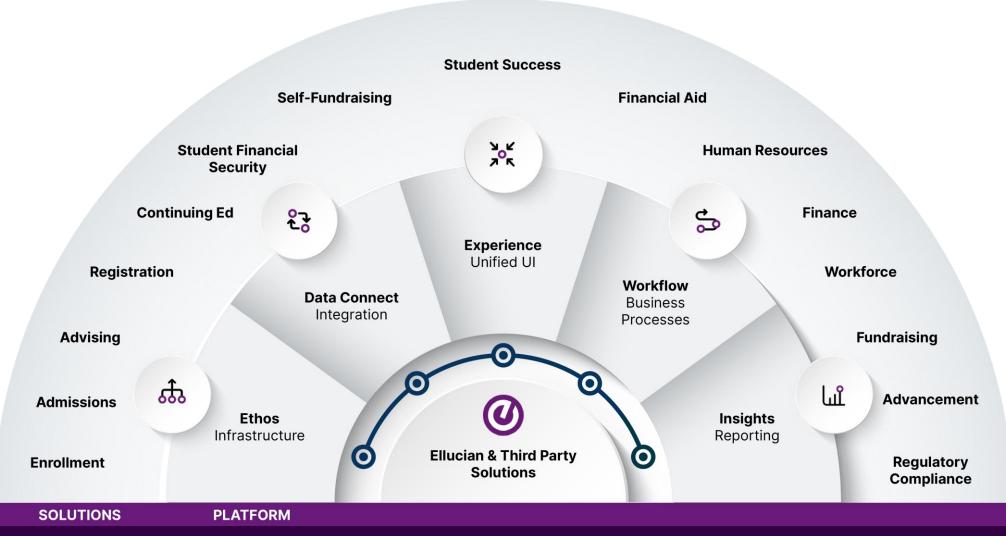




Ellucian SaaS Platform

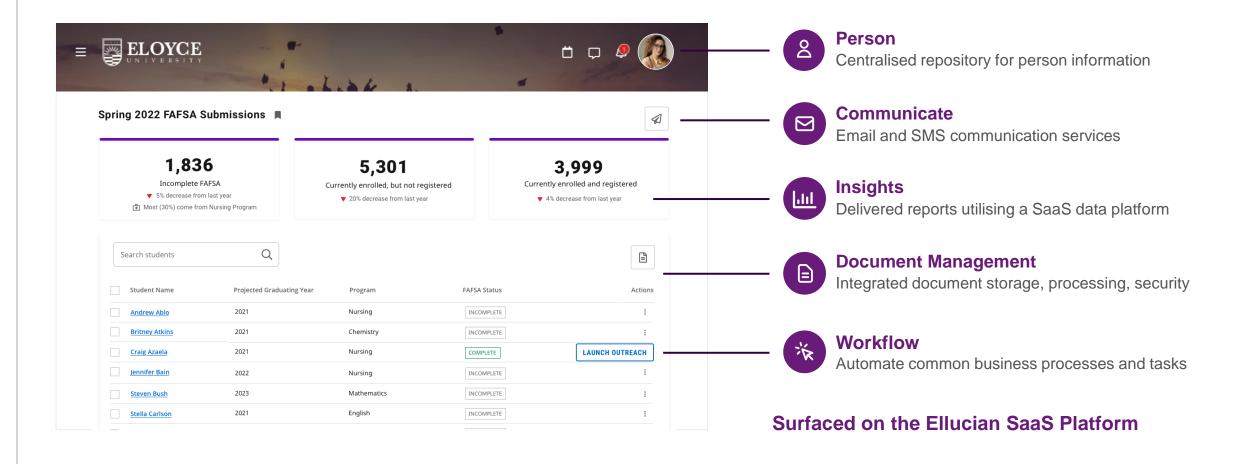


Ellucian SaaS Platform



A Unified End-to-End Experience







Schema Extensibility



Schema Extensibility



Identify

Customers have control over what data they want to add or extend.

Interactions

Enable user interactions with the data through admin pages or Experience cards



Innovation

Easy-to-configure method of extending tables and adding custom tables using APIs through the Ethos

Management

Data management support for GET, PUT, POST and DELETE methods.



Extended Table



extension-configurations API

- Define the extended table schema
- Automatically creates
 - the extended table
 - a specification-driven API for the extended table
 - the Banner security object for the API
- Surface the extended table data for user interactions on a delivered administrative page through the More Information section
- Surface the extended table data for user interactions through cards and page extensions

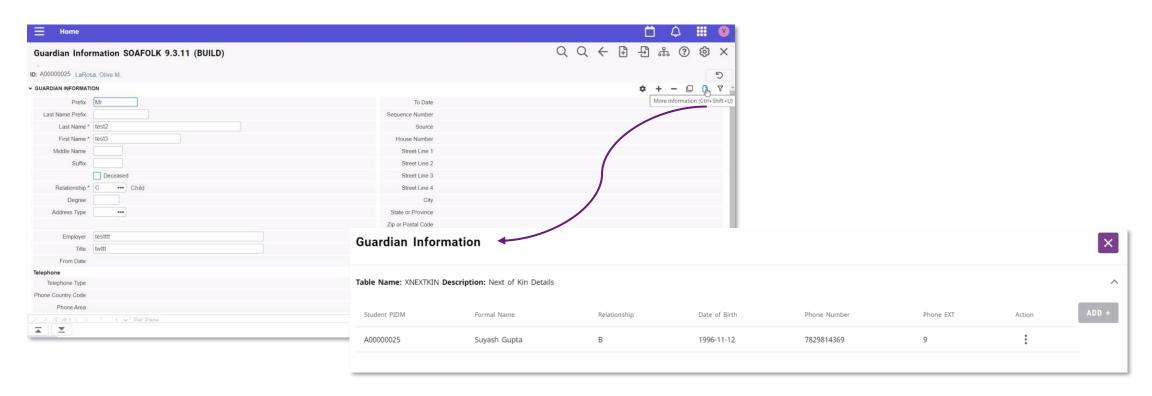
extension-configurations



Extended Table Data



View, add, update, and delete extended table data from delivered administrative pages





Custom Table

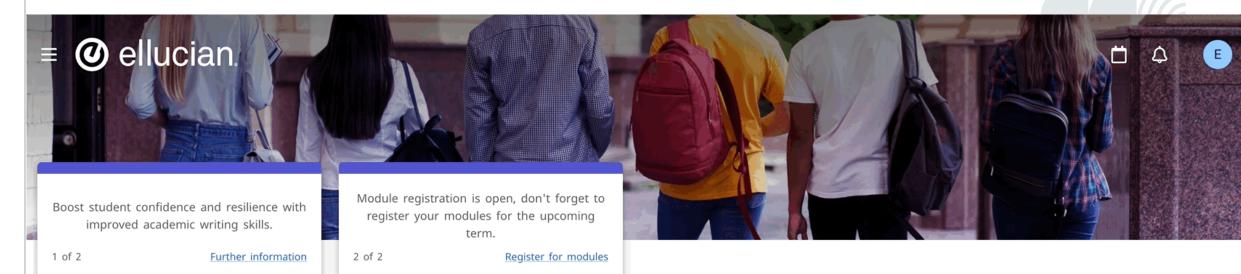


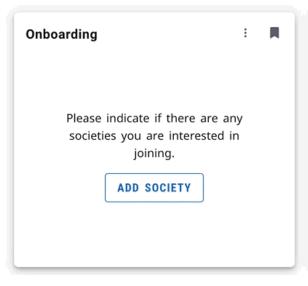
custom-table-configurations API

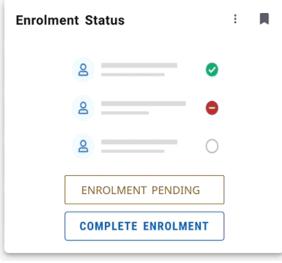
- Define the custom table schema
- Automatically creates
 - the custom table
 - a specification-driven API for the custom table
 - the Banner security object for the API
- Surface the custom table data for user interactions through card and page extensions

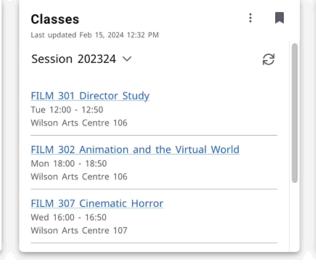
custom-table-configurations

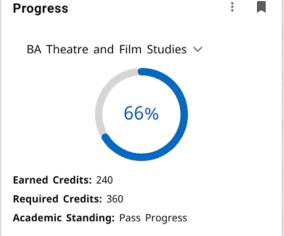










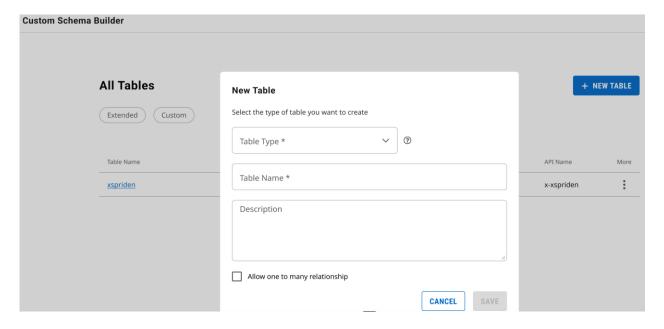




Future Direction



- Experience extension pages to configure extended and custom tables
 - User interface to create, view, and delete extended tables and custom tables
 - User interface to query data from extended tables and custom tables
- Additional enhancements based on customers' usage





Benefits of Schema Extensibility



- Can extend the delivered data model in a SaaS safe way
- Able to collect and manage all your business-specific data, regardless of the data type
- Extended data is available via REST APIs
- Much easier for users to interact with and report on extended data compared with SDE data
- Business users can easily tailor the platform to provide an excellent student and staff experience and easily report on this data without creating technical debt

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Serverless APIs

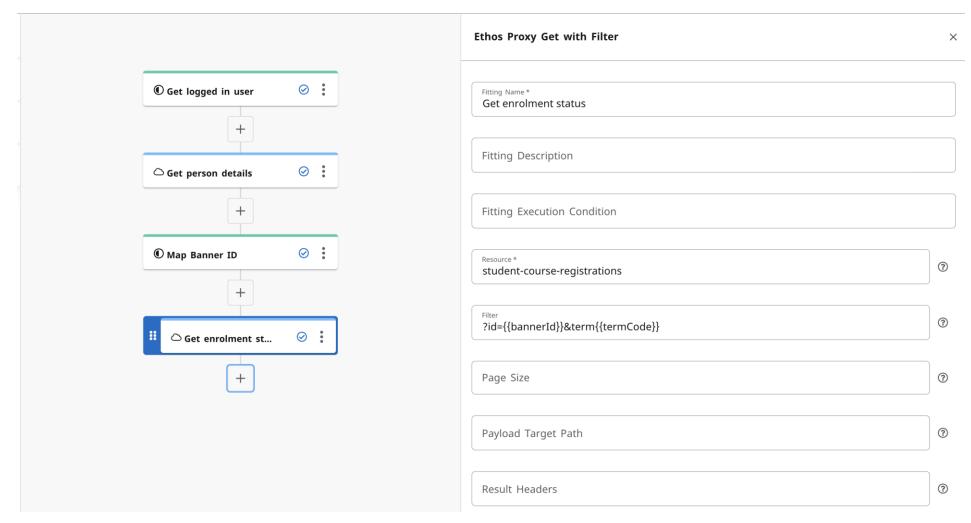


What are Serverless APIs



- Low code way to support data interactions across the platform & with third-party applications
- Special category of Data Connect pipeline that expose an API endpoint to the Data Connect pipeline.
- Allows you to send and retrieve data from Ellucian & third-party applications without managing your own middleware

Example of Serverless API – Enrolment Status

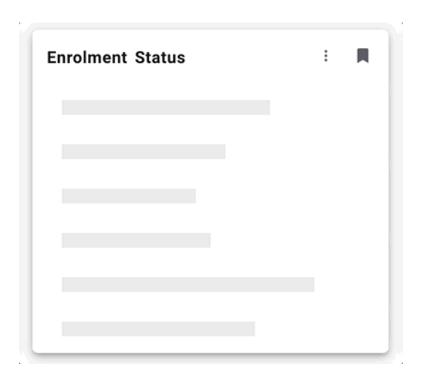




Example of Serverless API



Enrolment Status Card



const resourcePath = `enrolment-status?\${urlSearchParameters}`;
const response = await authenticatedEthosFetch(resourcePath);
const enrolData = await response.json()



Benefits of Serverless API's



- Mitigate the need to manage infrastructure and code when making calls from Experience cards
- Reduces technical complexity in calling an API, enabling less-technical users to manage data interactions and workflows
- Enables third-party integrations by exposing REST API endpoint that accepts a custom JSON schema

Feedback from Select Release







"Calling Data Connect Serverless APIs has been MUCH easier than creating Lambda functions"

"I was really impressed with how easy it was to make that end point available on Ethos and then setup the Serverless API to pull it"



Integration Enhancements



Business Events



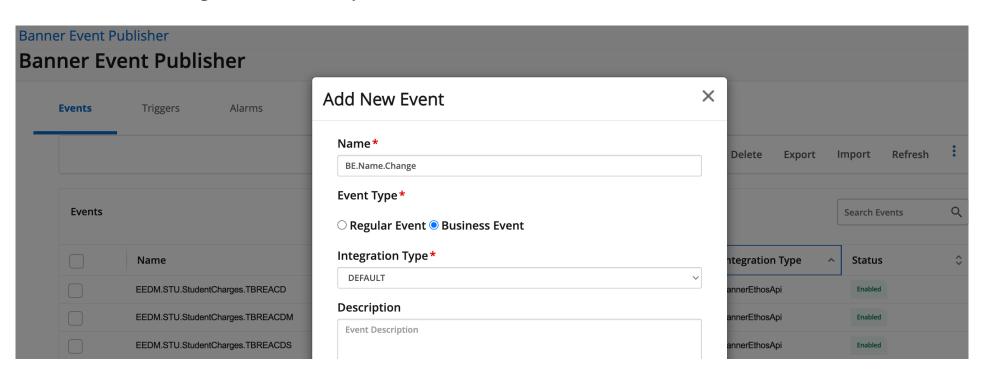
- Capture a change to data to inform other applications of that data change
- A business event specifically looks at data changes in Banner.
- For example:
 - A change to a person's name
 - Change to enrolment status
 - Calculation of a progression outcome
 - A payment made onto a student account



Event Creation



- Add New Event
 - Event Type: Business Event
 - JSON Message Format Only

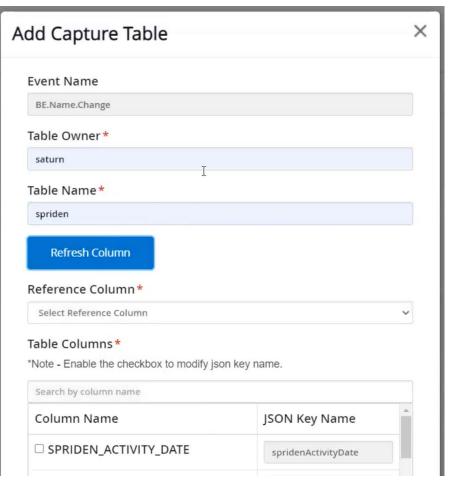




Event Rules



- Add Capture Table
- Add Additional Table
- Option to assign an alias to the column name, which will be used instead of the original column name when publishing a message associated with a business event.
- Add Publish Rules
- Activate All Triggers

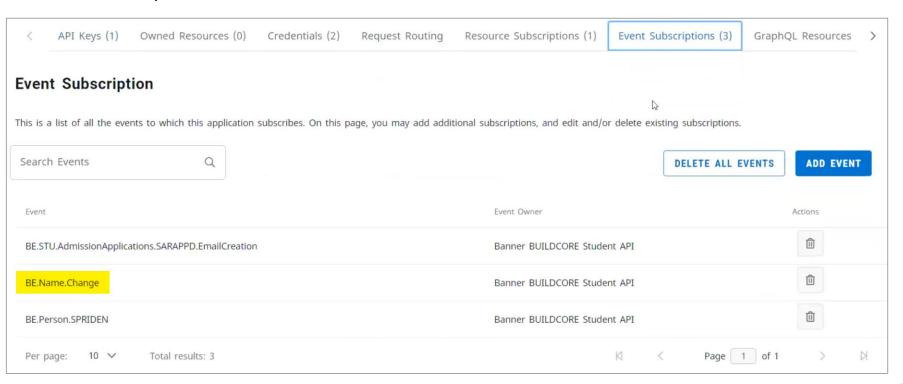




Event Subscriptions



- Ethos Integration
 - Create Application
 - Event Subscription to add the Business Event

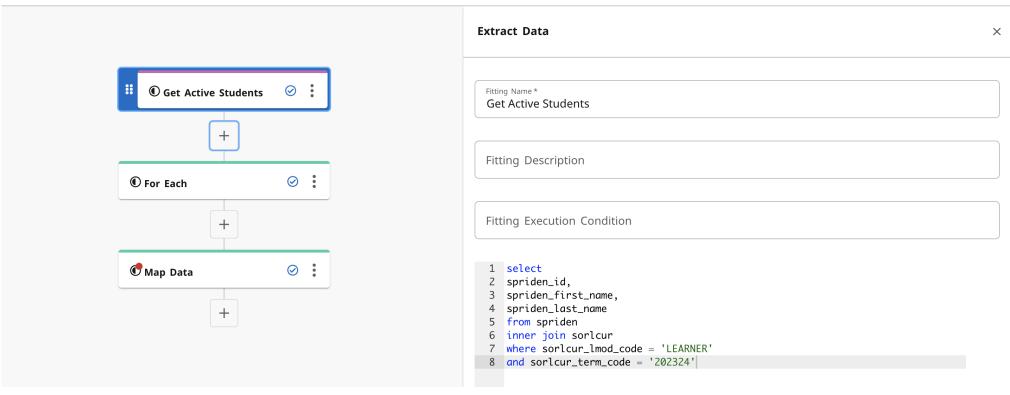




Extract Data Fitting



- Provides a simple way to extract data in bulk
- Enables Insights to serve as a source for Data Connect pipelines





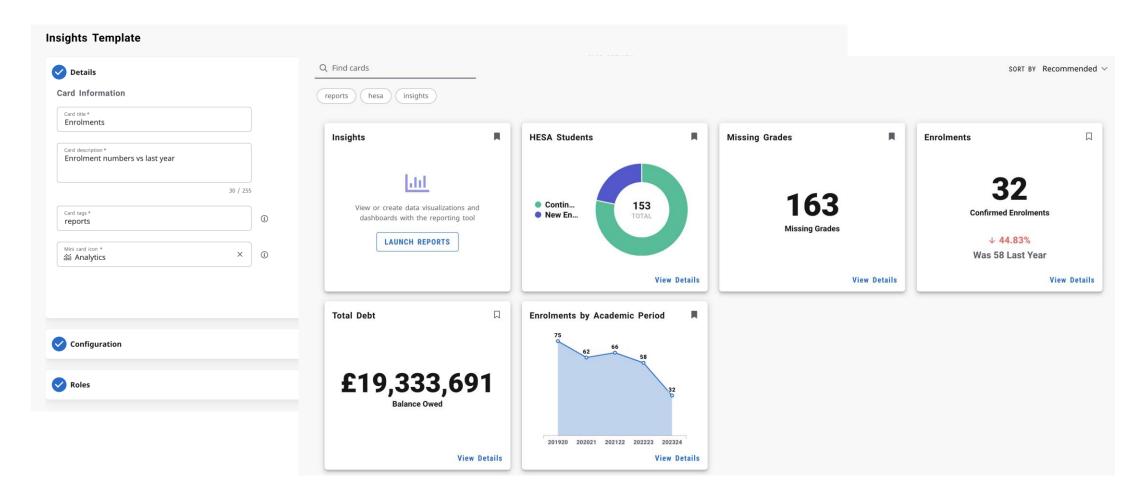


What's coming next



Insights Template



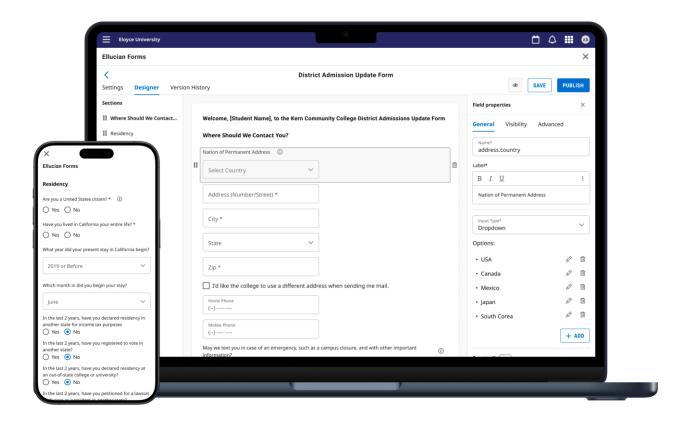




Forms



- Drag and Drop form builder
- Conditional logic based on previous answers
- Dynamically populated fields
- Direct posts to Banner & other applications
- Incorporated into core platform
 - Forms triggering a workflow
 - Forms as a step in a workflow
 - Regulatory surveys
 - Forms triggering a data connect pipeline

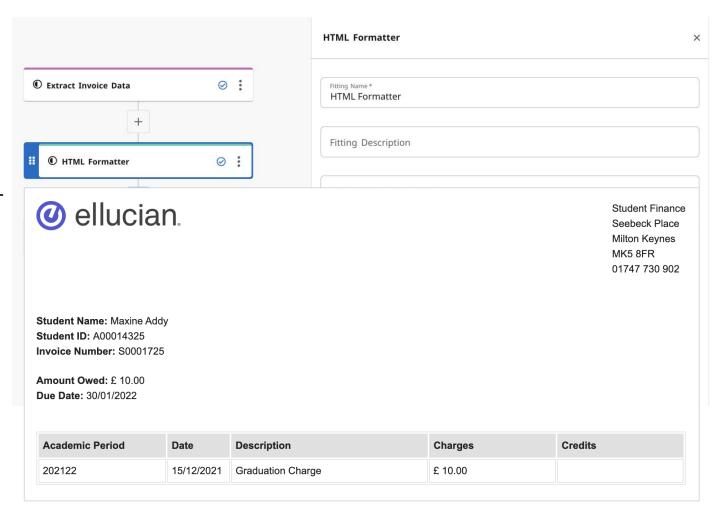




HTML Fitting



- Enable you to create pixel perfect reports
- Creates a HTML output that includes data from a Data Connect pipeline
- You can define a template where HTML content and placeholders are combined
- The fitting will replace the Mustache tags with values to produce dynamic output based on data provided







Discussion and Questions





THANK YOU!

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