# 4.62. Analyst - Integrate external applications

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| **Id** | 4.62. |
| **Description** | As an **Analyst**,<br><br>I must be able to integrate external application with the register,<br><br>So that I can access the data from within these applications in order to perform advance analytics (e.g. Tableau). |
| **Priority** | **High** |
| **Actors** | Analyst |
| **API Calls** | Not done via API.<br>Webhooks are configured via the Django Administration panel. |
| **Linked Processes** | |
| **Status** | **Implemented** |

## Preconditions

1. The User must be authenticated and have the **Analyst** role.
2. The User has an external application that he wants to integrate.

## Postconditions

1. The Webhook is configured and the selected events trigger the external application.

## Main flow

1. The **Analyst** navigates to django admin and configures a new Webhook.
2. The **Analyst** selects the URL of the external application to which the system will send notifications.

3. The **Analyst** selects the type of events that should be sent to the external application.
4. The **Analyst** configures the authentication method and saves.

# Exceptions

## [400 Bad Request] Invalid input:

If mandatory fields are missing or invalid, the system returns an error message.

## [500 Internal Server Error] System Error

If the system fails to save changes due to an internal error, it displays an appropriate message and logs the error for further investigation.

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