



**TDM - How To** setup a Zermelo data source

# Introduction

TDM offers the ability to add external data sources. With these data sources TDM offers the ability to display real-time information within your presentation. TDM offers support for the following external data sources:

- Facebook
- Twitter
- Instagram
- Yahoo Weather
- Office365 Calendar
- Google Calendar
- Flickr
- Yammer
- LinkedIn
- Exchange
- Power BI
- NS
- Axis (People Counter camera)
- HIKVision (People Counter camera)
- Amadeus
- Realworks
- **Zermelo**

This guide will explain how the Zermelo data source can be added, please note that the Zermelo data source is supported from version 4.4 and above. To pull the information from Zermelo we use their API. To setup the Zermelo data source it is required to know the endpoint and create a token inside your Zermelo environment.

# Requirements

If you want to add a Zermelo data source you need to meet the following requirements:

- Have administrator access to the TDM designer
- Have admin access to Zermelo to create/retrieve the token
- Requires TDM version 4.4 or above

## Pre-requirements for the Zermelo data source

1. We need two values to create the Zermelo data source, this is the Zermelo endpoint and a token.
2. By default your endpoint is: <subdomain>.zportal/api  
You can contact Zermelo in case you are not aware of your endpoint.
3. We also need to create a token for the connection with the API, this can be generated inside your Zermelo environment. Make sure that you have admin privileges as this is required to create the token.
4. Navigate to: Beheer > Admin-paneel > API Tokens
5. A token can be created on this page with the button called 'Toevoegen'.

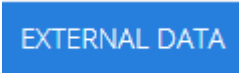
## How to create the Zermelo data source in the designer

6. Login to the designer with an administrator account: <https://designer.tdmsignage.com>

7. Select "Config Panel".



8. Select the tab called "External Data"



9. Select the "+" button on the right side to create a new data source.




















10. In the pop-up which will open you can fill in a name for your data source and then select the "Zermelo" data source. Once selected, click "Next".

**NEW DATASOURCE**

Please fill in a name for your datasource:

Name

Select which type of datasource you would like to add:

 RSS/XML	 Facebook	 Twitter	 Instagram	 Office 365 Calendar	 Google Calendar	
 Flickr	 Yammer	 Exchange	 PowerBI	 NS info	 Axis	 Hikvision
 Amadeus	 Realworks	 Weather	 Zermelo			

**NEXT**


11. In the next window you need to enter your endpoint URL and the token, once filled in select "Save".

**NEW DATASOURCE**

**Endpoint address**

**Token**

**NEXT**




12. On the following page you can select which 'Branch' you would like to display in the XML, with this option you have the ability to create a data source for one specific location only. Next to this you have the ability to display 'All appointments' or 'Modified appointments' only.

**EDIT DATASOURCE**

**Branch**

**Show**

**NEXT**



13. Now that you have successfully created a Zermelo data source, it is possible to preview the information of the data source with the "eye" icon in front of the data source.

