



TDM - How To setup the NS 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)

This guide will explain how to setup the NS data source.

Requirements

If you want to setup the NS data source you need to meet the following requirements:

- Have administrator access to the TDM designer
- Have access to the NS API portal if you already have an account

How To setup the NS data source

How to create the NS API token:

1. Please open the following webpage in your browser: <https://apiportal.ns.nl/>

2. Select "AANMELDEN" in the top right corner, then choose "Externe bezoeker".

AANMELDEN  Externe bezoeker

3. In case you do not have an account yet select "Sign up now", otherwise login with your account details.

Don't have an account? [Sign up now](#)

4. Provide your email and other credentials, then select "Send verification code" to obtain a verification code per mail.

5. Check your mail for the verification code and enter this code in the NS webpage. Select "Verify code".

6. After verifying, select "Create". In the next screen, please check your info and tick the checkbox to agree to the terms of use.

7. Click "Registreren", you will enter your NS API environment.

8. Go to the following webpage to subscribe to your NS token: <https://apiportal.ns.nl/products/PublicNsApi>

9. Select "Abonneren", tick the box to agree the terms of use and select "Bevestigen".

Abonneren

10. You will be taken back to your API profile. Select "Weergeven" for the Primaire sleutel.

Gestart op

01-08-2021

Primaire sleutel

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Weergeven

Opnieuw genereren

11. Make sure to copy your NS token, you will need it to create the NS data source in the Designer. You can use this token multiple times for different NS feeds. Please note that the NS API has a request limit. This limit is set to 1000 requests per 5 minutes.

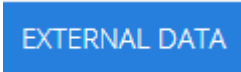
How to create the NS data source in the designer

1. Please login to the Designer with an administrator account: <https://designer.tdm signage.com>

2. Select "Config Panel".



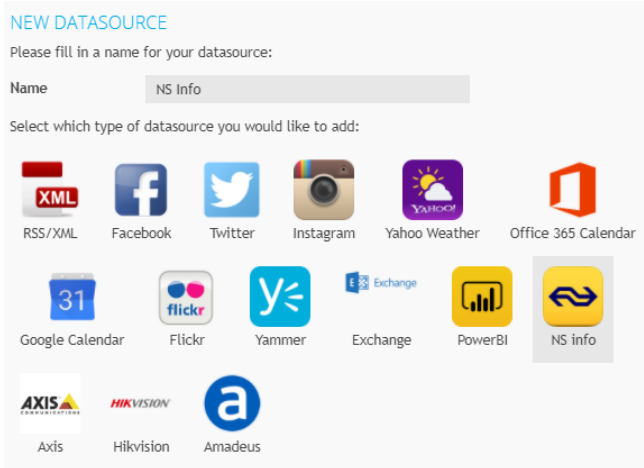
3. Select the tab called "External Data"



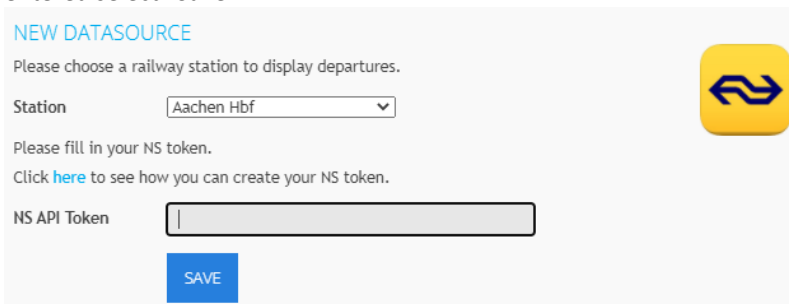
4. Select the "+" button on the right side to create a new data source.



5. In the pop-up which will open you can fill in a name for your data source and select the "NS Info" data source. Once selected, click "Next" to see the steps which are needed for configuring the data source.

A screenshot of the "NEW DATASOURCE" selection screen. It has a title "NEW DATASOURCE" and a subtitle "Please fill in a name for your datasource:". Below this is a text input field with "NS Info" entered. Underneath, it says "Select which type of datasource you would like to add:" and shows a grid of 15 icons for different data sources: RSS/XML, Facebook, Twitter, Instagram, Yahoo Weather, Office 365 Calendar, Google Calendar, Flickr, Yammer, Exchange, PowerBI, NS info (highlighted with a grey border), Axis, Hikvision, and Amadeus.

6. In the next window you need to select the train station which you want to use for your data source and you need to enter the NS API token which we have created in the beginning of the manual, once entered select "Save".

A screenshot of the "NEW DATASOURCE" configuration screen. It has a title "NEW DATASOURCE" and a subtitle "Please choose a railway station to display departures.". There is a dropdown menu for "Station" with "Aachen Hbf" selected. Below that, it says "Please fill in your NS token." and "Click [here](#) to see how you can create your NS token.". There is a text input field for "NS API Token" which is currently empty. At the bottom, there is a blue "SAVE" button. On the right side, there is a yellow square button with a blue NS logo.

7. Now you have successfully created the NS data source, you can preview the information from the data source with the eye icon in front of the data source.

