

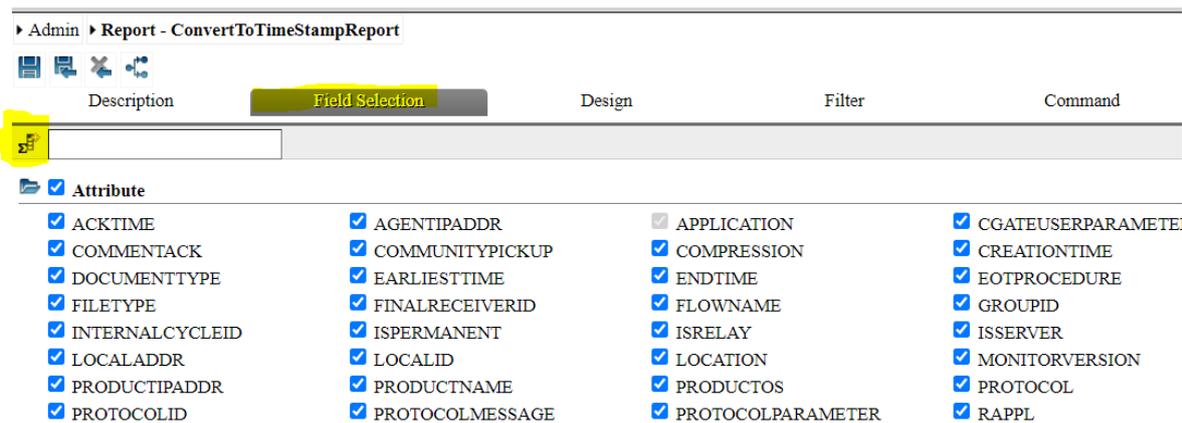
Report based on a standard data dictionary

Currently, fields like EventTime are of type VARCHAR2 in the Sentinel Database, because this is how they are sent from the source.

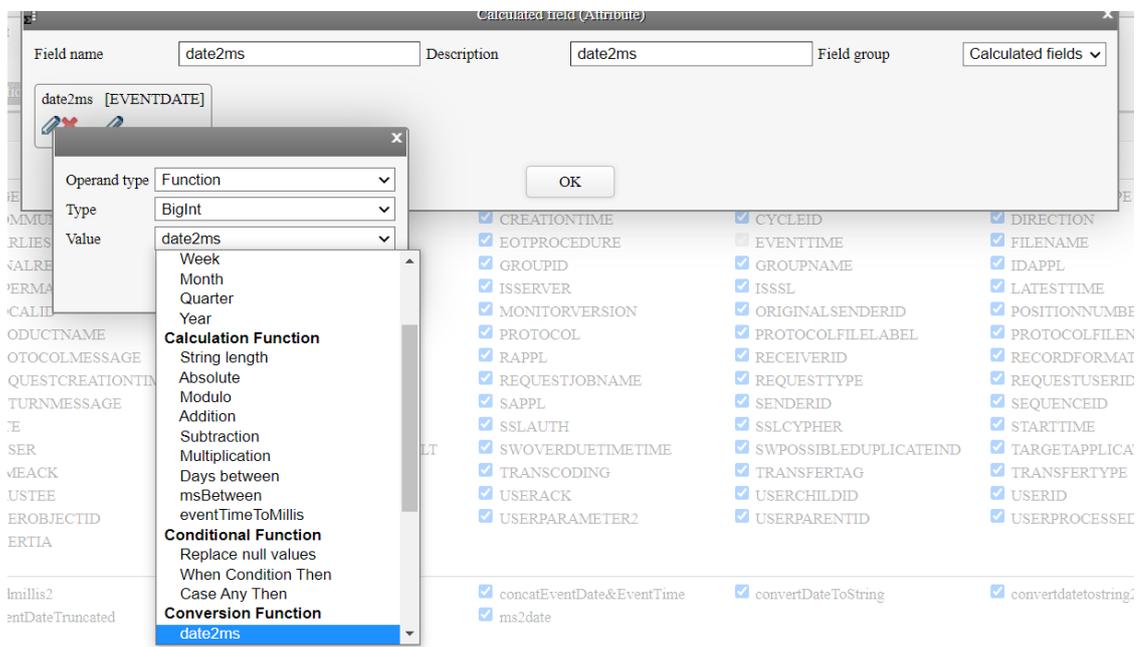
Goal: convert EventTime to TimeStamp in order to be able to sort by it:

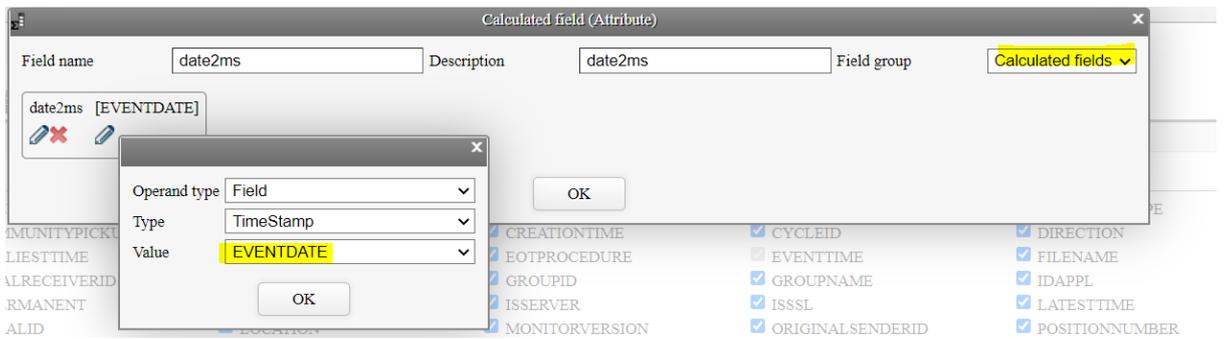
Steps:

1. In the Field Selection tab, go to the Calculated Field Icon:

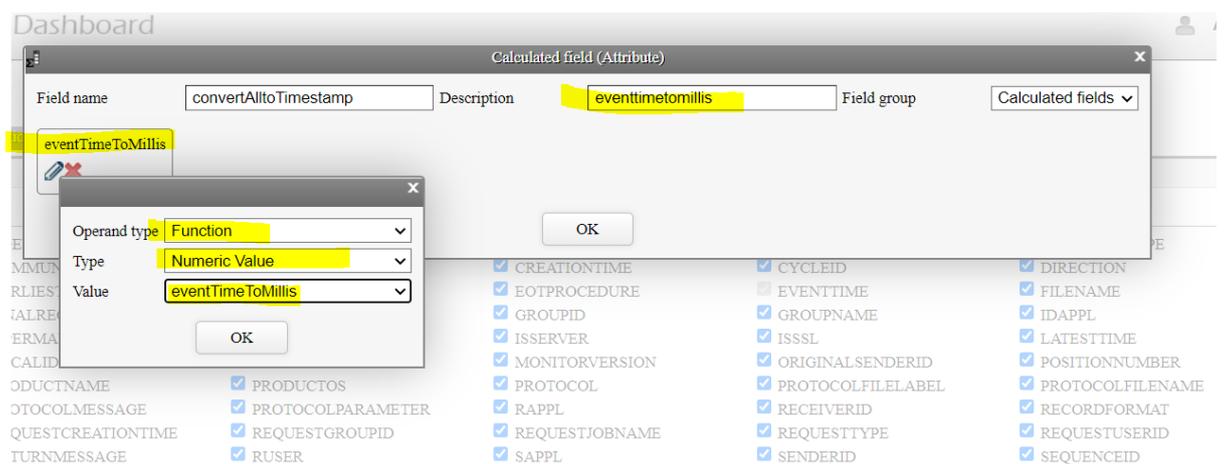


2. Add a new calculated field named **date2ms** (date to milliseconds) on the field EventDate and choose FieldGroup Calculated Fields (you will find it in this category later):

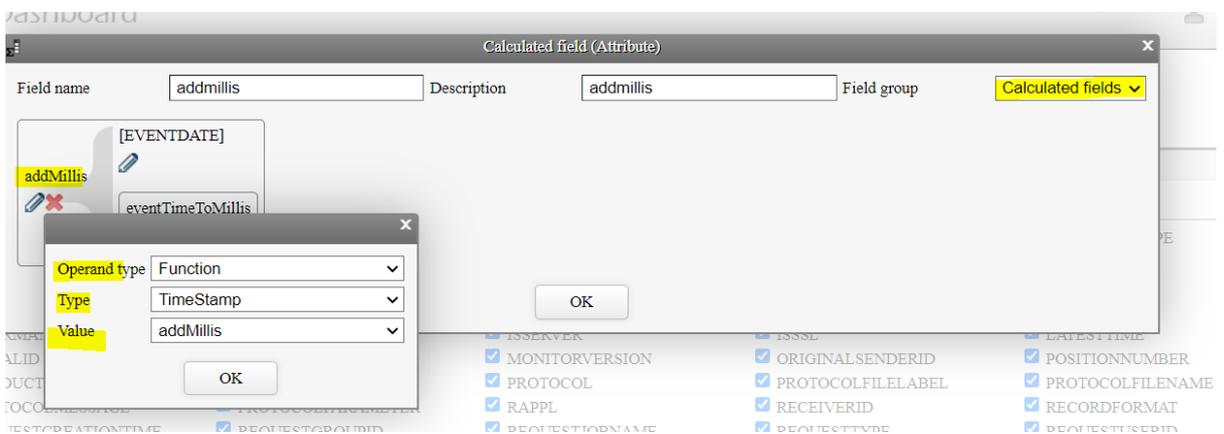


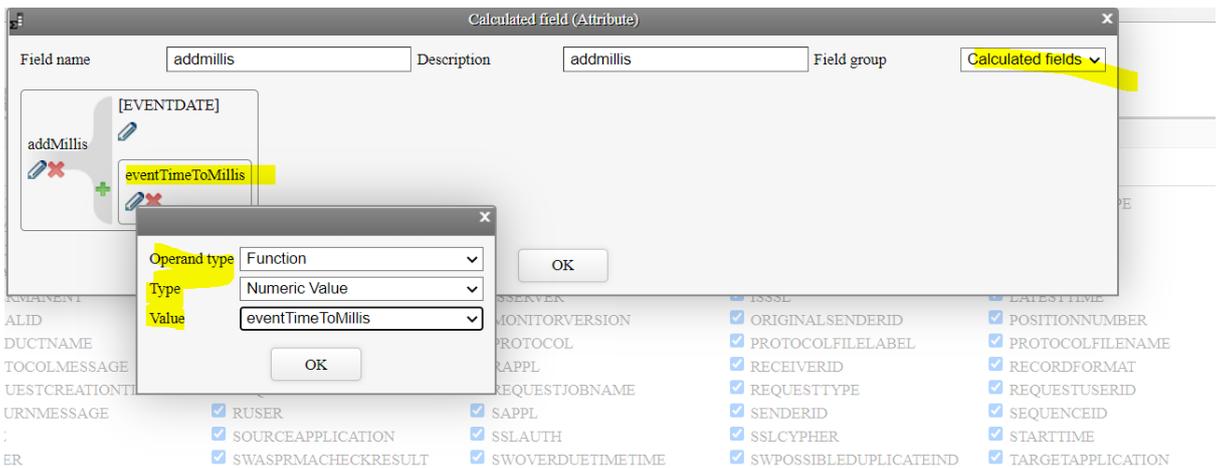
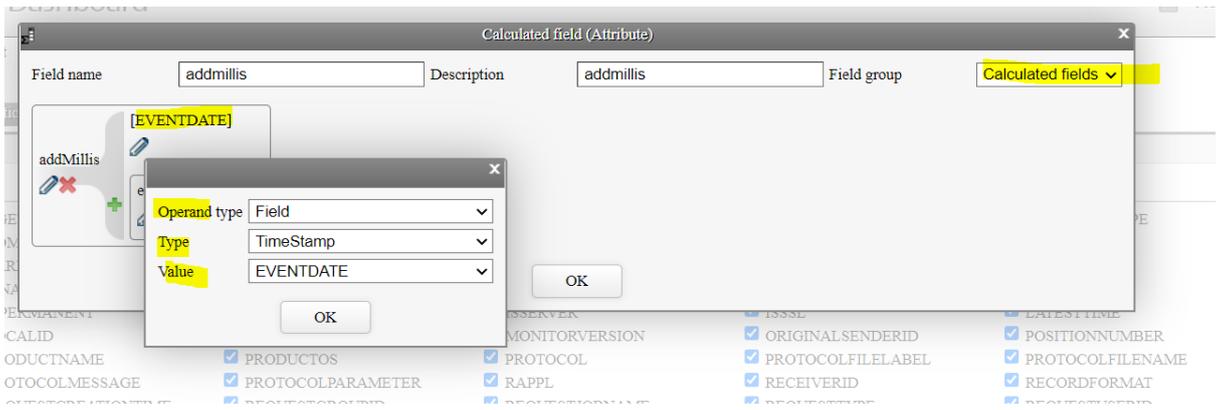


3. Add a new calculated field called **EventTime to millis** with the following configuration:

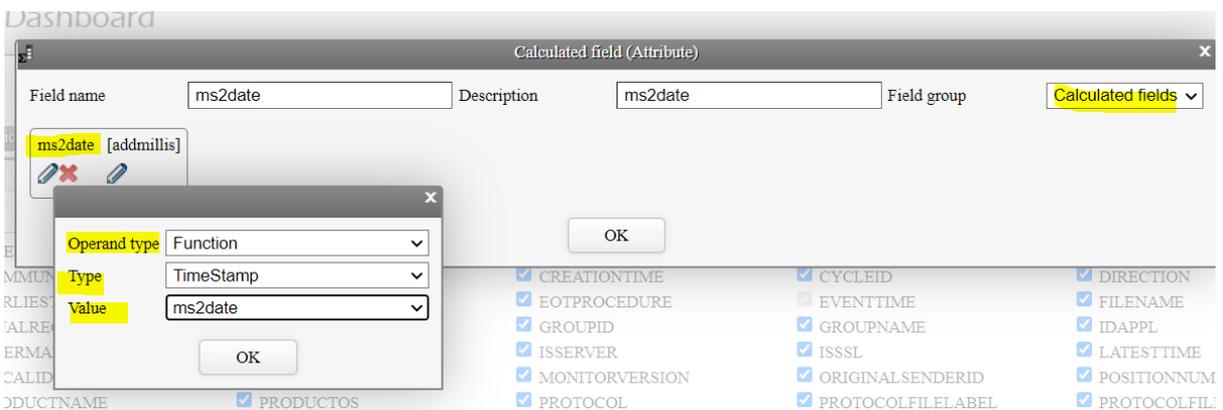


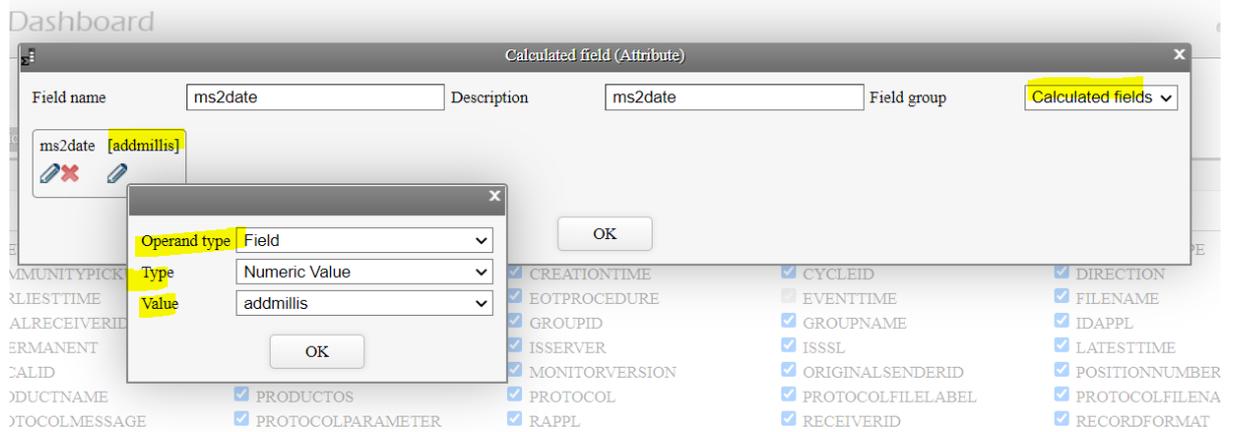
4. Create a new calculated field called **addMillis** with the following configuration:





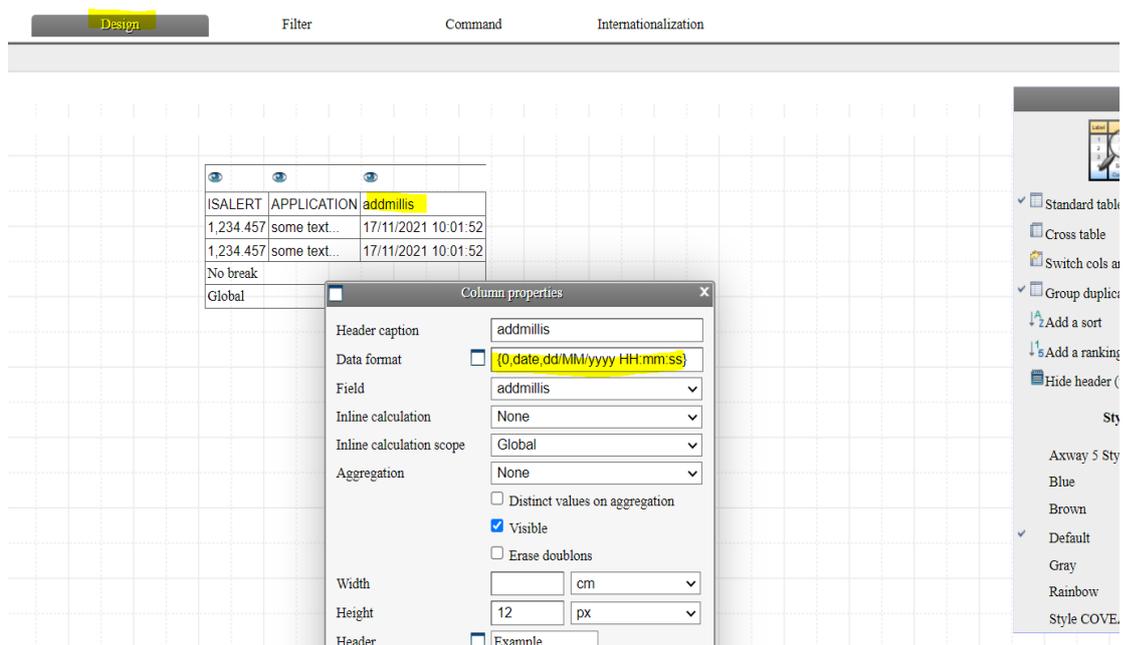
5. Create a new calculated field **ms2date** like below:





6. Go to the Tab Design and add the calculated field addMillis (you will find it in the category Calculated fields) – you can give it the description name you want
7. Right-click on the field addmillis and go to **Column properties -> Data format** and edit that edit box like below:

{0,date,dd/MM/yyyy HH:mm:ss}



When you execute the report, you will now see the results like this:

ConvertToTimeStampReport
10000 results

Some data ignored

<input type="checkbox"/>	ISALERT	APPLICATION	addmillis
<input type="checkbox"/>	0	Tps: 38 Vitesse: 131.578947 m/s	24/02/2021 14:51:12
<input type="checkbox"/>	0	Tps: 0	24/02/2021 14:51:12
<input type="checkbox"/>	0	Tps: 28	24/02/2021 14:51:12
<input type="checkbox"/>	0	Tps: 19	24/02/2021 14:51:12
<input type="checkbox"/>	0	Tps: 29	24/02/2021 14:51:12
<input type="checkbox"/>	0	Tps: 39 Vitesse: 128.205128 m/s	24/02/2021 14:51:12

You can use this field in your filters or to sort by it.

The same can be done with other fields, so instead of EventTime you can use any of the others, in the calculated fields configuration:

- SENDTIME
- TIMEACK
- ACKTIME
- EARLIESTTIME
- STARTTIME
- ENDTIME
- LATESTTIME