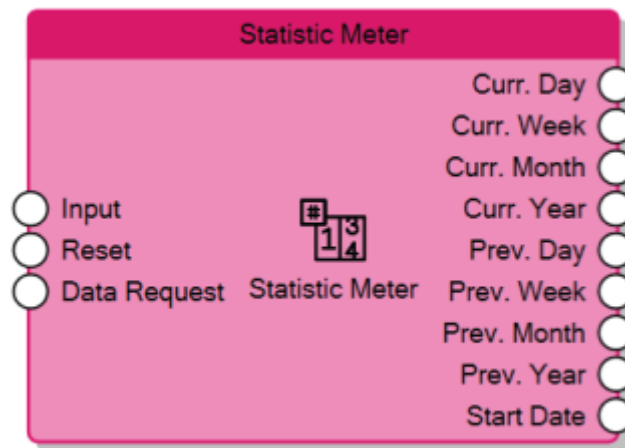# Statistic Meter

The Statistic Meter reads the numeric value of the **Input** connector and calculates:

- *Current day total* on the **Curr. Day** output connector
- *Current week total* on the **Curr. Week** output connector
- *Current month total* on the **Curr. Month** output connector
- *Current year total* on the **Curr. Year** output connector
- *Previous day total* on the **Prev. Day** output connector
- *Previous week total* on the **Prev. Week** output connector
- *Previous month total* on the **Prev. Month** output connector
- *Previous year total* on the **Prev. Year** output connector

The counted values are persistent, which it means that they don't get lost when the server reboots.
The **Start Date** output connector sends the last date and time the counter received a Reset signal.
When the **Reset** input receives 1, the counter gets resetted, all the outputs go to 0 and **Start Date** is updated, the counting will start again only after Reset goes back to 0.
Whenever the **Data Request** input connector receives 1, the node refreshes the values of the outputs.

⚠	To make the Statistic Meter operational the first time it is loaded into the server, it needs to receive 1 on the Reset input connector or on the Gate connector (if enabled).

From:
http://www.thinknx.com/wiki/ - **Learning Thinknx**

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