Quick Start Guide

Version 4.00

November, 2018

Summary

1   Introduction

The BXBmonitor is a tool that allows programming alert messages sent by email for chosen responsible during the cube loading. An alert message can be any anomaly (values out of bounds) or some other condition programmed by the user to generate a reminder.

This check is done during the cube loading, whose operation can be scheduled as often as desired by the user.

In this manual, we will briefly describe the tool's features.

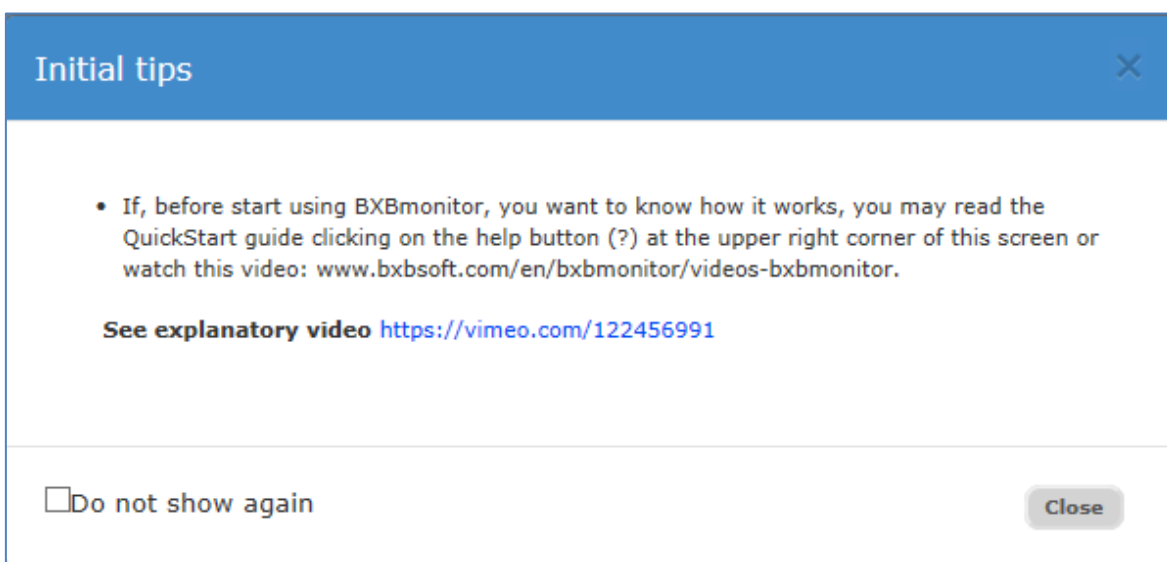On first access, a blank screen appears, as shown in the image below :

Figure 1 – First access

2   Creating a new alert

So let's set up the first alert by clicking the "New" button.

This opens the window to configure an alert. You must assign a name to the alert and choose the cube whose data must be checked.
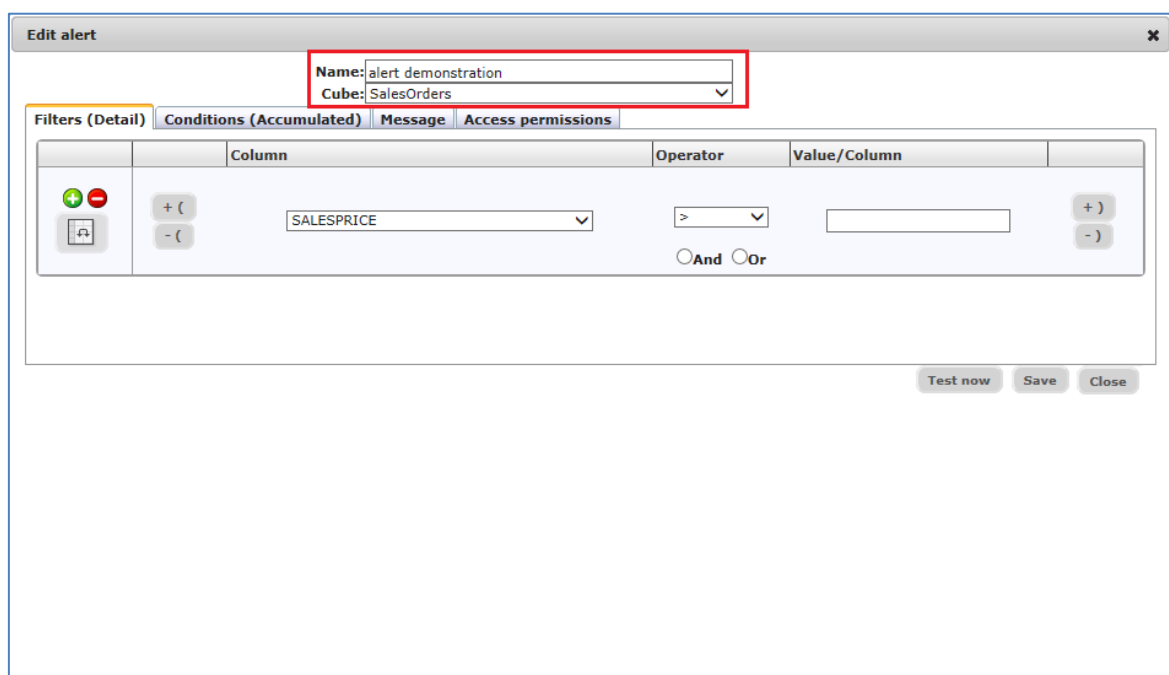
Figure 2 – Defining the name and the cube of a new alert

3   Configuring the alert

The "Filters (Detail)" tab can be used for one of two purposes:

a) Configuring conditions which will generate an email message if any line of the cube met any given condition. Therefore, the tab "Conditions (Accumulated)" cannot be used.

b) Filter (restrict) the data to be considered for the generation of alert, when it is configured by the cube total, i.e the "Conditions (Accumulated)" tab is populated.

In the middle panel the columns must be selected whose comparison (lower, higher, equal to or different) can be made with a fixed value or another column. To change the criteria for comparing fixed value or another column, simply click the icon [icon] (on the left side of the panel).

Note: if you want to compare some date with the current date, you can configure the comparison with TODAY or SYSDATE.
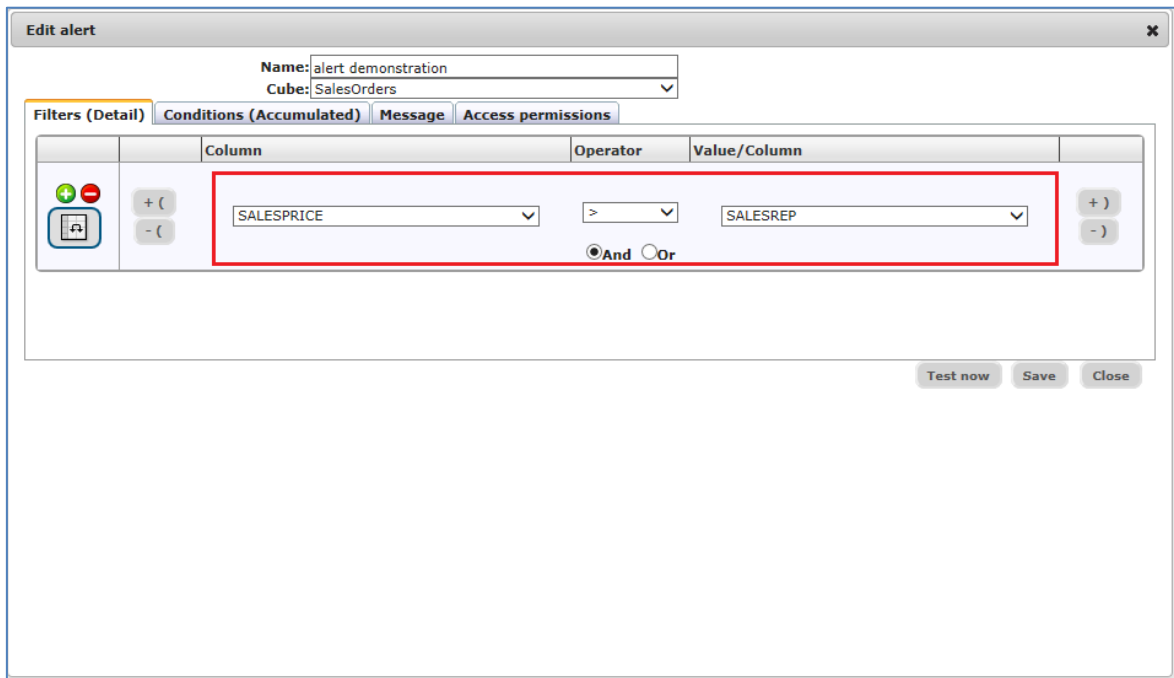
Figure 3 – Comparison between two measures

To add or delete conditions, it should be used respectively the "+" and "-" (available on the left side of panel). For example, let's set an alert to be triggered when an order is created and no longer met for fifteen days.
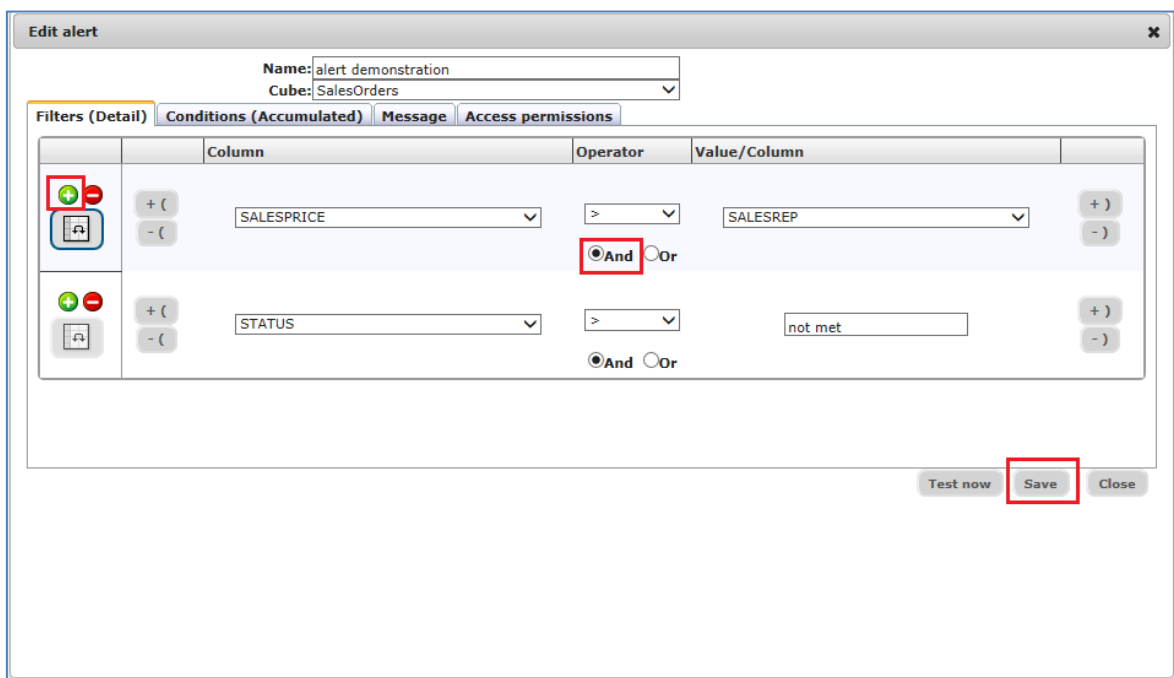

Figure 4 – Defining an alert with a composite condition

Obs.: The conditions set here, if found in the cube, will generate a message triggered by email.

4   Setting the message of the email

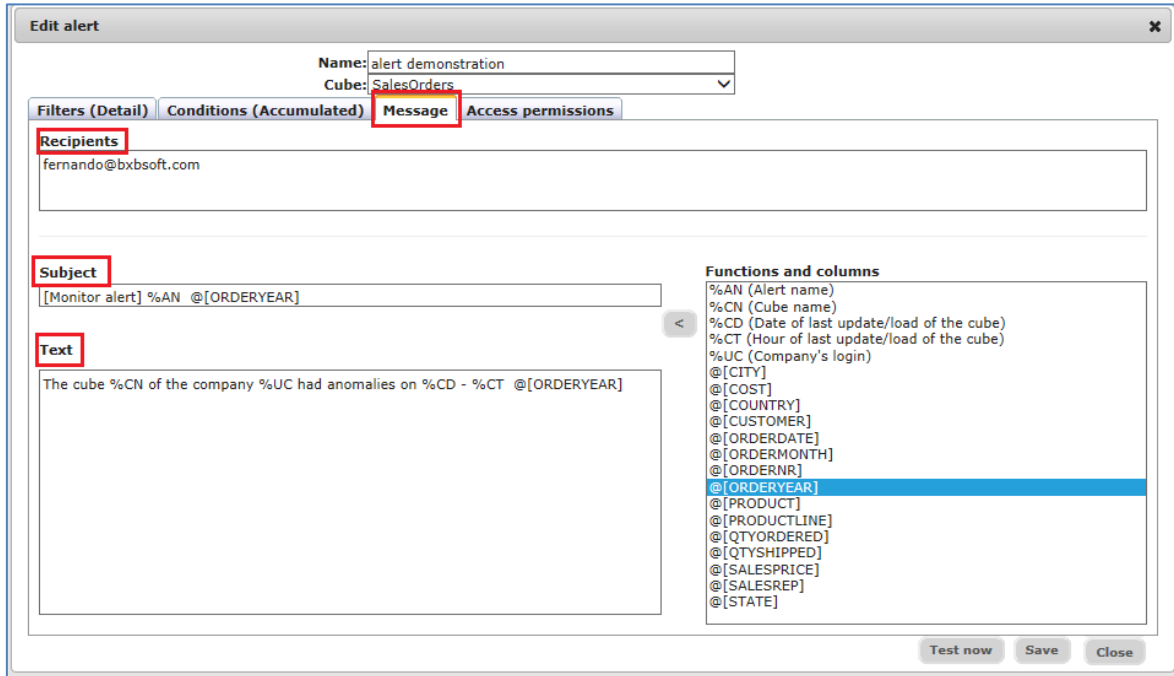The "Message" tab requires filling the following tables: Recipients, Subject, and Text.

Figure 5 – Message tab

In the "Recipients" field, must be set at least one email address of the person or group of people who need to be notified of this issue. To enter more than one address, they must be separated by a semicolon.

The table "subject" is used to define what should be included in the "Subject" field of the email. This table is already filled with a suggestion and can be modified.
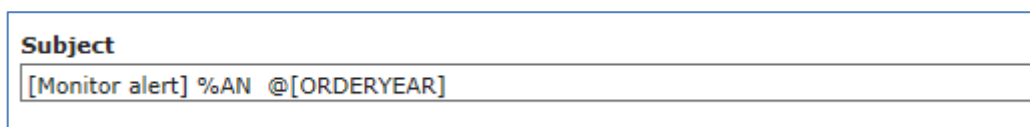

Figure 6 – Suggested subject in an alert message

Both in the "Subject" as in the "Text" fields can be inserted related variables in the "Functions and columns." If conditions are set in the "Details" tab, the box "Functions and columns" also provides a list of cube dimensions, which content can used in the email text.

To do this, the mouse cursor must is positioned within the "Text" box at the point where you want to insert a variable, then select the variable (by clicking on it in the "Functions and columns" panel) and then one click on [<] to transfer this variable to the "Text" field. Variables can be merged with the fixed text typed in the "Text" field.
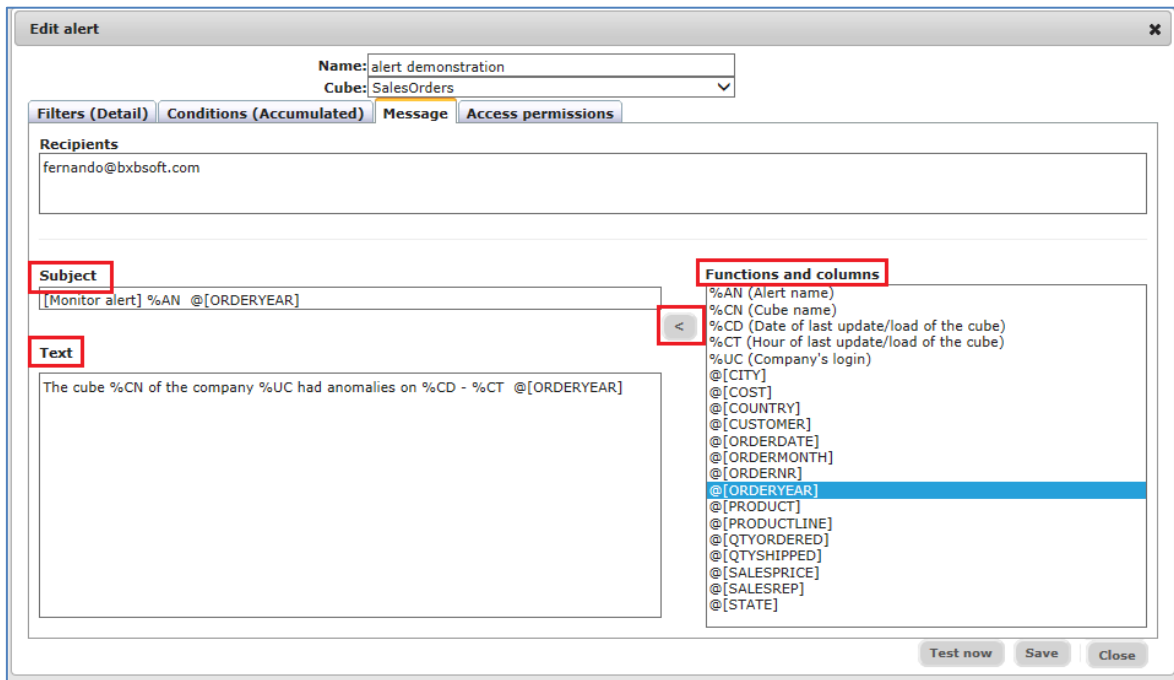
Figure 7 – Setting an alert message

Let's illustrate two cases:

   a) With minimal margin value configured in "Accumulated" tab, where the "Text"
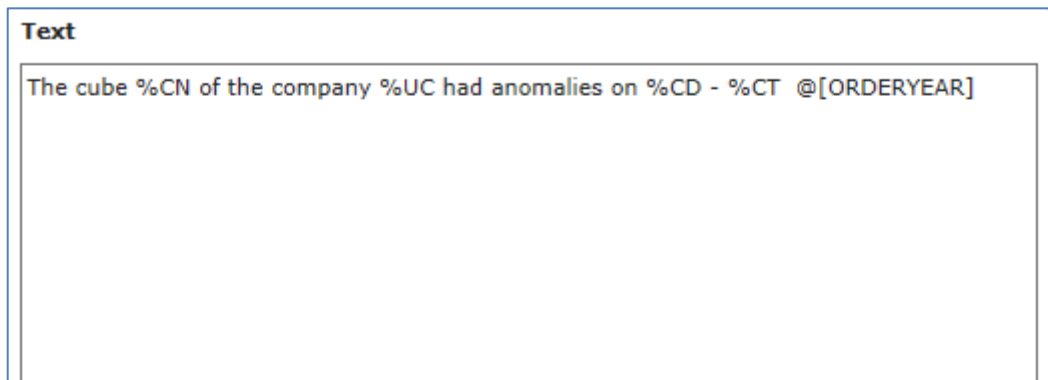   could be completed as follows:

Figure 8 – Message for accumulated value

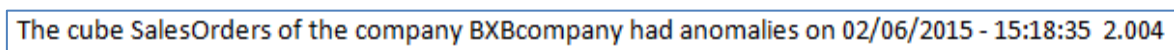The example mentioned above would generate the following e-mail:

Figure 9 – Example of an email generated for accumulated values

   b) With conditions set for each cube transaction, i.e., having completed the first tab
       (Detail). In this case, for example, with the intention to relate every order with

pending delivery, the body of the email message will display a line for each request is the "Text" box is filled as follows:

Text

In %CD - %CT the cube presented the following orders with pending deliveries:

@[ORDERNUM] - @[ORDERDATE] - @[PRODUCT] - @[QTY]

Figure 3 – Example of message fill

The example mentioned above would generate the following e-mail:

In 02/06/2015 - 15:26:39 the cube presented the following orders with pending deliveries:

ORDERNUM: 1001 – ORDERDATE: 02/06/2015 - PRODUCT: CHAIRS - QTY: 3
ORDERNUM: 1002 – ORDERDATE: 02/06/2015 - PRODUCT: TABLES - QTY: 2
ORDERNUM: 1003 – ORDERDATE: 02/06/2015 - PRODUCT: SOFAS - QTY: 5
ORDERNUM: 1003 – ORDERDATE: 02/06/2015 - PRODUCT: CHAIRS - QTY: 4

Figure 4 – Example of email generating lines for each row

5 Access permission

| Filters (Detail) | Conditions (Accumulated) | Message | **Access permissions** |

To modify or delete: ⦿ Access rights to all users
                        ◯ Only who has configured

Created by:

☐ ADEVANDO
☐ ELIS
☑ FERNANDO
☐ FORLOGIC
☐ JOAO-PE
☐ JOHN-PE
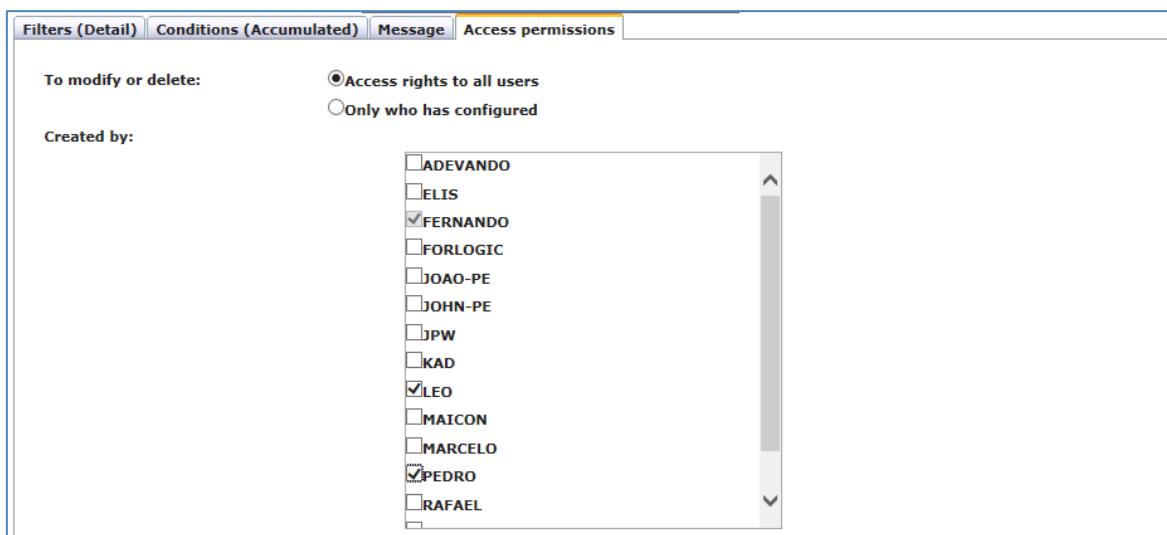☐ JPW
☐ KAD
☑ LEO
☐ MAICON
☐ MARCELO
☑ PEDRO
☐ RAFAEL

Figure 5 – Example of access permission

In the "Permissions" tab there is the list of registered users in BXBwebsuite. Each user checked now has permission to view and change the alert settings.

You can also set if users with access permission can change the alert or if only the user creator can change.

In the image above, the users FERNANDO, LEO and PEDRO are authorized to view and change the alert.
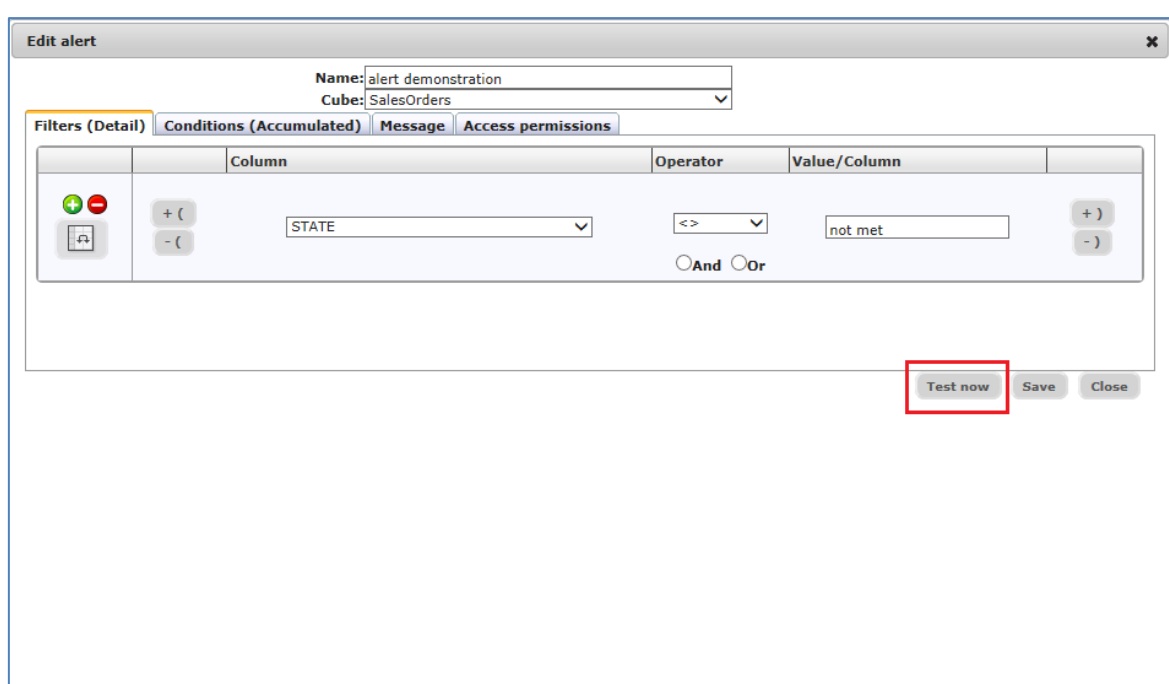
6   Test now

Figure 6 – Text now

It's possible to test at any time the alert by clicking the "Test now" button. When clicked the BXBmonitor will check the conditions of the current alert and trigger the email if it finds any configured condition.

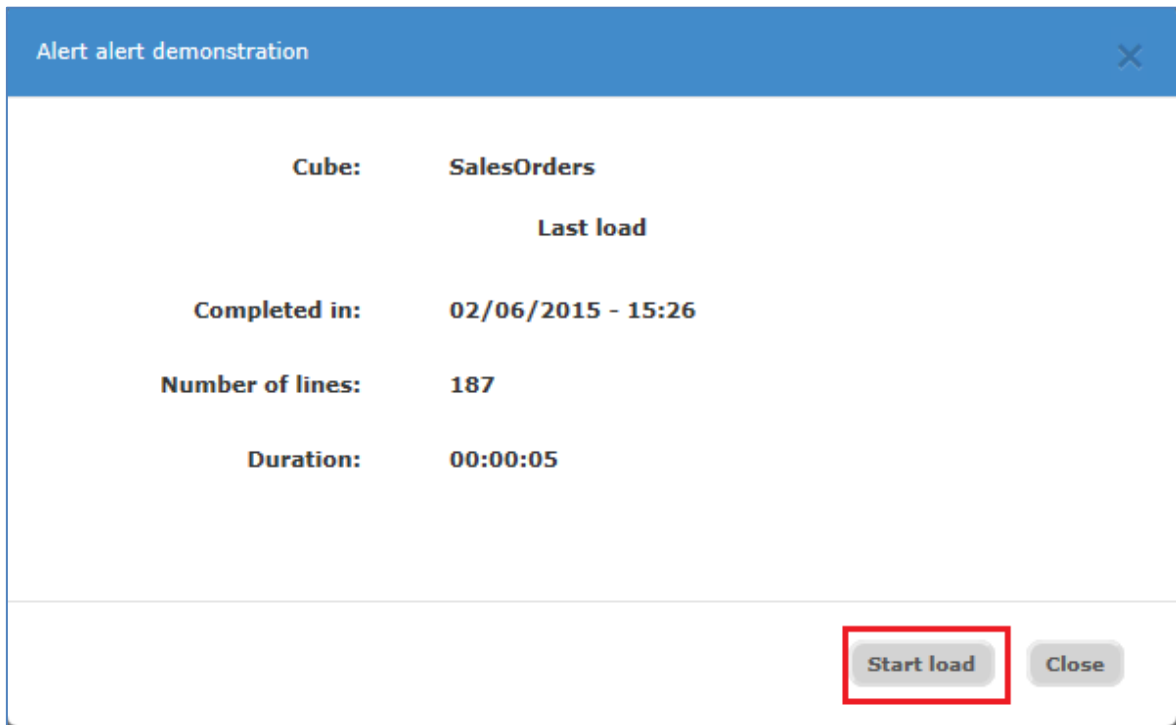If the cube doesn't have data, it will load a screen for cube loading (figure 14).

Figure 14 – Cube load

Just click on the "Start load" button to start the load process.