February 27th 2017

**RQA AlertBuilder Tool Update**

Next Thursday, March 2nd 2017, two AlertBuilder functions related to date operations will be replaced by four functions to provide more flexibility.

Here are the 4 new operators:



Any existing old alerts that are using the previous functions, will be automatically updated with the new names on Thursday. The functionality will remain the same.

The table below gives a brief description of the old and new operators.

|  |  |  |
| --- | --- | --- |
| **Old Function** | **New Function** | **Definition** |
| *time exceeded* | *date in past over* | The date in the past is older than current date by specified time range. (X no. of days, month, or years) |
| *time not exceeded* | *date in past under* | The date in the past is within a specified time range. (X no. of days, month, or years) to the current date |
|  | *date in future over* | The date in the future is farther than current date by specified time range. (X no. of days, month, or years) |
|  | *date in future under* | The date in the future is within a specified time range. (X no. of days, month, or years) to the current date |

Here is an example for each case:

|  |  |
| --- | --- |
| **Example** | **Description** |
| DischargeDate *date in past over* 5 days | If current date is 5/10/2017 and DischargeDate is 5/4/2017, the condition is true and alert fires. |
| DischargeDate *date in past under* 5 days | If current date is 5/10/2017 and DischargeDate is 5/6/2017, the condition is true and alert fires. |
| DischargeDate *date in future over* 5 days | If current date is 5/10/2017 and DischargeDate is 5/16/2017, the condition is true and alert fires. |
| DischargeDate *date in future under* 5 days | If current date is 5/10/2017 and DischargeDate is 5/14/2017, the condition is true and alert fires. |

Example of current alert that is using the ‘old’ operator:

