Date Calculation External Module

This module allows a date to calculate from another date by adding or subtracting a predefined number of days. Along with simply adding/subtracting a number, this module can also use Days Offset and Offset Range with in the “Define My Events” section to automatically calculate in future event dates.

Example 1:

How to configure the module to add/subtract a set number of days to a date.

![Configuration Interface](image.png)

- **Starting date**: This button allows calculation value to overwrite any value in destination field.
- **Number of days to add/subtract**: Indicates the specific number of days to add or subtract.
- **Calculated/destination Date Field**: The destination field to display the calculated date.
Example 2:

How to utilize “Days Offset” to automatically set date values.
To utilize the Days offset the “Days To Add/Subtract” must be blank and the “Need Values Piped to Other Events” must be selected.

Next, select which events to add the offset number of days.

Last, select which event the offset day calculation will start with.

*Note: Destination field will be the same for all events.*

- In this example [dest_date] in Event 2 will be 14 days after [datetime] field in event 1, [dest_date] in Event 3 will be 28 days after [datetime] field in event 1, and [dest_date] in Event 4 will be 56 days after [datetime] field in event 1.
Example 3:

How to utilize “Offset Range” to automatically set date values.

The configuration for “Offset Range” will look the same except the last two options of Start Date and End Date must have values.
Here is what the data entry form would look like for event 2, when [datetime] is 5/1/2018, days offset is 14 with an offset range of -4/+4.

<table>
<thead>
<tr>
<th>Record ID</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>User</td>
<td></td>
</tr>
<tr>
<td>Date Time</td>
<td></td>
</tr>
<tr>
<td>Dest Date</td>
<td>05-15-2018</td>
</tr>
<tr>
<td>Offset Min</td>
<td>05-11-2018</td>
</tr>
<tr>
<td>Offset Max</td>
<td>05-19-2018</td>
</tr>
<tr>
<td>Form Status</td>
<td>Incomplete</td>
</tr>
</tbody>
</table>

**Lock this record for this form?**
If locked, no users will be able to edit this record on this form until someone with Lock/Unlock privileges unlocks it.

**Additional information:**

- These configurations are repeatable and can be set as many times as needed.
- The module is unable to both add a number of days and utilize “Days Offset” for the same date field.
- This module supports infinite repeating forms.