

Triggers (TRG)

The Triggers (TRG) option is a collection of functions that allow the user, with appropriate permissions, to automate internal and external communication, import transaction data and initiate computer programs based on defined criteria within the system. A trigger has two components; 1) the defined occurrence that initiates the sequence (the trigger), and, 2) the event that takes place because of the trigger.

Container TRACKER[®] provides the interface and utilities to:

- define the triggers
- define the events triggered
- create a log of processed triggers
- delete triggers
- view/print defined triggers

There are four types of system occurrences that can initiate a trigger, they are:

- defined date/time or start time and specified interval (every 5 minutes, every Monday, etc)
- Inventory Alarms
- defined movement/quantity combinations
- certain system configuration events (items added to inventory, new location created, etc.)

The four trigger types can initiate eight (8) types of events if the associated options are available within the system. They are:

- Email a predefined 'Custom Report'
- Email a predefined message
- Email a predefined 'Custom Report' with a predefined message
- Display a 'Custom Report'
- Display a message
- Start an external program
- Import SAI data
- Import a remote trigger

As the user processes transactions **Container TRACKER**[®] monitors movements, Inventory Alarms, the date/time and configuration changes. It checks the trigger definitions and determines if the current circumstance should initiate a trigger. If it should, it identifies the trigger associated event and initiates the appropriate process(es).

Here are some examples.

1. Every Monday morning a manager wants a summary of transactions that occurred since Friday.
2. Every 15 minutes we want to check to see if there are any transactions received from the ASN system to automatically enter in **Container TRACKER**[®].
3. When the blue box inventory drops below 80 items on dock 15, you want to inform all users that there is specific action to be taken.
4. When less than 44 black fold-downs are sent to customer A, you want to generate a message.
5. Each Wednesday you want to send a report to a partner about the net exchange of items for the last week.

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There are unlimited useful triggers you can create. This allows an organization to create a host of complicated plans and communicate these plans in a variety of methods to associates and partners.

You are only limited by your imagination.

The diagram below summarizes the elements that can be used to create triggers.

