

Inventory Alarms & Messages (IAM)

Inventory Alarms (IAM) are a collection of features that automatically present on-screen messages when the inventory of a specific item at a specific location drops below or rises above a user set level. There are four alarms; Lower, A, B, and Upper available for each item at each location. Each of the four alarms has a default message. Also, the user can create a custom message for any alarm.

The four available alarms are sequenced and are activated by defined conditions. Alarm values are set so that

$$\text{Lower} < \text{A} < \text{B} < \text{Upper}$$

The Lower alarm is activated when inventory of a specific item at a specific location falls below the value you set. The Upper alarm is activated when inventory exceeds the value you set. The Lower alarm must be used before Alarm A is enabled; the Upper alarm must be used before Alarm B is enabled. Alarm A is activated when the inventory falls below the set value; Alarm B is activated when inventory is above the set value.

Each of the four alarm types can be turned 'On' or 'Off'. When alarms are turned 'Off' they retain their set values. When A and B alarms are first turned on, they assume a value half way between the adjacent alarms.

Features

Alarm Criteria – There are two alarms when inventory falls below the set level (Lower and A) and there are two alarms when inventory is above the set level (B, and Upper).

Alarm Definitions There can be one to four alarms defined for every item at every inventory location. For example if your system has 10 items that are available at 20 inventory locations you can define 800 alarms (4 alarms * 10 items * 20 locations).

Custom Alarm Messages – Users, with appropriate permissions, can define a custom alarm message for any defined alarm. This message can be used to give users specific instructions for the alarmed occurrence.

Standard Alarm Messages – If the user does not define a custom message when an alarm is defined, the system provides default alarm messages. These messages describe the situation in generic terms. For example, "The Shipped From quantity will be at or below the Lower Alarm value."

Triggered Events – Inventory Alarms can be used to 'Trigger' events when your system has the 'Triggers' feature. Some common events include Emailing or displaying predefined reports, emailing or displaying messages, starting other computer programs and importing data through the Standard Automation Interface (SAI).