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(57) Abstract :

The present disclosure pertains to a monitoring and distributing system (100) including one or more dispensing units (102), and a processing unit 110 where the one or more dispensing units (102) includes a storage unit (104) adapted to receive and accommodate one or more objects, a sensor (108) operatively coupled to the storage unit (104) and configured to sense the one or more objects inside the storage unit (104) and an outlet (106) configured to dispense at least one of the one or more objects. The processing unit (110) is configured to update a dataset, where the dataset includes count of the dispensed at least one of the one or more objects associated with the at least one of the one or more dispensing units (102) and generate a set of alert signals and a set of warning signals and transmit to one or more mobile computing devices associated with one or more entities.

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