Operational Description

The PREMO7V1.0 device is affixed to a sticker that contains printed resistive traces that can be attached to a standard medication blister package. In order to open a medication dose blister, the printed resistive traces on the sticker are broken and the PREMO7V1.0 device detects this change in resistive state. The PREMO7V1.0 device then transmits this change in blister status to a Bluetooth enabled gateway device that then transmits the information to the CuePath cloud based servers in order to track and repot on the user's medication adherence behaviour and to signal an intervention if the user fails to take their prescribed medication on time.

To use the smart pack with the App, the user must activate the smart pack. Refer to Exhibit 08 - User Manual for further information about the activation procedure.

After the smart pack is activated, it monitors the changes in the pack's status periodically. Whenever there is a change in one of the pack's status, close to open, the smart pack logs the event time and the packs' status into the flash memory and then sends these updates to the Cloud through the App.

The Primo07V1.0 operates in the 2402 to 2480MHz using Bluetooth Low Energy technology. The Antenna is intergral to the device and has a stated 0dBi gain.