Graphical Display

Observes records and displays them on screen to the user.

Web Reporting

Collects observations and sends data with user login info to remote server.

Logging Agent

Observes records and saves each change with a timestamp to the device's memory.

Data Analysis

Processes raw data to determine user state. Updates DataStore with the results.

DataStore

Live Record storage and observation

SpecificMessage Handler

Process SpecificMessage as defined by protocol. Log Determined values to DataStore.

Header Parsing and Message Type Detection

SpecificMessage

Processed Header (logged to DataStore)

SpecificMessage Data

SensorMessages

MessageVerifier

State Machine

ByteSource

Sensor

MessageVerifier

State Machine

ByteSource

Sensor