The Protocol Algorithm

```
if initalSample is not define                    /* initial pattern to compare with real time data */

        initalSample = start measurements()


loop(forever)

{

        if collect real-time data is different from initalSample

        {

                try check if data changed in expected way

                {

                        Every period of time update InitialSample

                        check for fix in known solutions library/history

                        transmit 1 bit data  /* ensure system correctness */

                }

                catch /*change in data is more different and require further handlining*/

                {

                        transmit data to control center  /* human entity */

                }

        }

        else

        {

                transmit 1 bit data  /* ensure system correctness */

        }

} /* End of loop forever */
```