

Monitoring in retirement homes

Parameters to be monitored

Parameters which need to be monitored 24/7 are temperatures in freezers, deep freezers, heaters and refrigerators placed in living rooms of elderly and/or disabled people and in central kitchens of the organisation. In many cases also medicines are stored in the refrigerators. Furthermore food temperature has to be monitored during transport and instantaneously for incoming and outgoing food.

Solution using WiSensys

WiSensys offers an easy installable solution. Digital temperature sensors are being installed in refrigerators and PT1000 in freezers and heaters. Data is collected on a server running WebSensys.

Special sensors have been developed for instantaneous measurements during food preparation and for incoming inspection during food delivery. These sensors have a push button and a dual coloured LED showing a pass or no-pass to the user while sending the measured value to the host. The response of the sensor is within a couple of seconds.

The retirement homes wants to assure that their clients are being served with healthy food. The requirement is to prove that the organization is working according HACCP. The data needs to be recorded for training own personnel, for management information and for auditing authorities.



Conclusions

- WiSensys is used for proving HACCP compliance in food storage, food preparation and food distribution
- Special temperature sensors are being used for instantaneous measurement with fast response (monitor incoming and outgoing food)
- WebSensys will be used for monitoring, alarming, reporting and training personnel.

