



QUALITY CONTROL SYSTEM IN FOOD INDUSTRY

Production and storage process in food industry are subjected to specific laws related to quality control; the quality control system based on the Winlog Pro software SCADA platform has been successfully applied in many sectors of food industry; actually it gives the possibility to comply with requested quality control criteria limiting both the investment cost and the production loss due to the installation of the system. The system provides a continuous monitoring of all the significant variables of the process and generates quality control reports with graphical trends that certify the compliance of the production lot; the system also certifies that the storage process doesn't affect the quality of the stored product and doesn't cause any modification of the original characteristics. Any abnormal condition in the production or storage process is promptly detected and signalled with a local alarm; in case of unattended environment, a SMS can be sent to the cellular phone of a maintenance staff operator. All information generated can be made available to one or more Client stations (local or remote) linked via a TCP/IP protocol.